

TRAILER

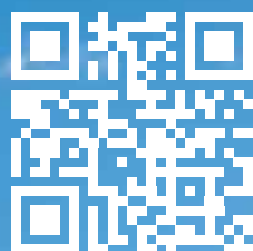
Spare parts and accessories
for trailers and semi-trailers

- !!! Axle, running gear and brake
- !!! Pneumatic components and accessories
- !!! Chassis
- !!! Add-on parts
- !!! Vehicle connections
- !!! Body parts
- !!! Lighting
- !!! Electrics
- !!! Load securing



We are there for you!

Here you come to the website,
the online shop and our
social media channels!



Dear customers,

Finally, the time has come: we are pleased to present our latest trailer catalogue to you.

Our product range is tailored to your everyday requirements. From A for ABS axle modulator, B for brake cylinders and brake callipers, G for generators for cooling units and hazardous goods equipment to Y for Y-piece - we offer you everything you need for your commercial vehicles.

You trust the reliability of your trailers, and we are here to ensure that your vehicles run smoothly even in the most demanding situations.

Our dedicated team is always available to answer your questions and take your orders.

Gladly by telephone, directly on site in your branch office or online:

- in the EUROPART workshop online system EWOS
<https://ewos.net/>
- on our homepage www.europart.net

With energetic greetings,

Your EUROPART

Where vehicle and axle manufacturer brands are used in the catalogue, these are to be understood as ordering references. The brands indicate that the corresponding articles are suitable for the vehicles and axles mentioned. The reference numbers given on the catalogue pages are for identification purposes and are not designations of origin.

Axle, running gear and brake

Pneumatic components and accessories

Chassis

Add-on parts

Vehicle connections

Body parts

Lighting

Electrics

Load securing

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3

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Axle, running gear and brake

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Resource-efficient

Brake caliper in exchange

pre-installed, tangentially screwed brake calliper/carrier unit

Brake system SB3745T

Scope of supply
without brake linings



Suitable for	Type number	Order no	Comparative no
BPW	SN6517	3405 174 150	Knorr K151741K50
BPW	SN6507	3405 174 250	Knorr K151742K50



Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set, Brake system SK7, SN6, SN7	1	3400 110 013	Knorr K010603
Guide sealing set for brake calipers, SB6, SB7, SN6, SN7	2	3400 741 750	Knorr K067417K50
Adjuster cap set for brake application unit, SN 5/6	3	3450 411 915	Knorr K000029
Adjuster cap set for brake application unit, SN 6/7	4	3411 000 290	Knorr K000945
Brake carrier, SB 3745, tangential screw connection	5	6033 038 855	Knorr K004679



Resource-efficient

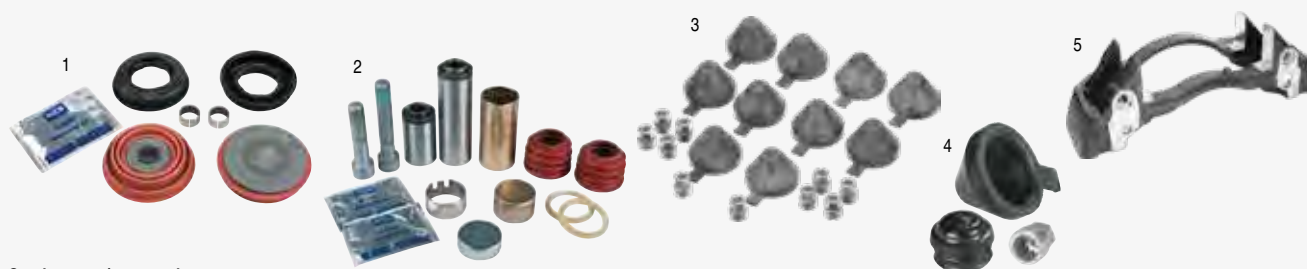
Brake caliper in exchange

Version standardised

Brake system SK7



Suitable for	Type number	Installation side	Order no	Comparative no
BPW SAF Schmitz Cargobull	SK7042RC	left	3450 414 790	Knorr K012633
BPW SAF Schmitz Cargobull	SK7052RC	right	3450 414 791	Knorr K012634



Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set, Brake system SK7, SN6, SN7	1	3400 110 013	Knorr K010603
Guide sealing set for brake callipers, SK7, SN7, ST7	2	3400 010 766	Knorr K108002K50
Adjuster cap set for brake application unit, SN 5/6	3	3450 411 915	Knorr K000029
Adjuster cap set for brake application unit, SN 6/7	4	3411 000 290	Knorr K000945
Brake carrier, SB 4309, tangential screw connection	5	6033 038 856	Knorr K012619

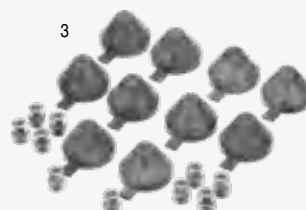


Resource-efficient

Brake caliper in exchange

Version standardised
Brake system SB/SN6

Suitable for	Type number	Installation side	Order no	Comparative no
BPW SAF	SN6580RC	left	3400 047 087	Knorr K013174
BPW SAF	SN6570RC	right	3400 047 086	Knorr K013173



Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set, Brake system SK7, SN6, SN7	1	3400 110 013	Knorr K010603
Guide sealing set for brake application unit, SL7, SN6, SN7, SM7	2	3450 414 380	Knorr K001915
Adjuster cap set for brake application unit, SN 5/6	3	3450 411 915	Knorr K000029
Adjuster cap set for brake application unit, SN 6/7	4	3411 000 290	Knorr K000945

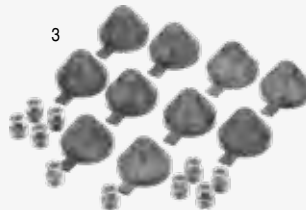


Resource-efficient

Brake caliper in exchange

Brake system ST7

Suitable for	Type number	Order no	Comparative no
SAF	ST7013RC	3400 975 310	Knorr K097531K50
SAF	ST7003RC	3400 975 305	Knorr K097530K50



Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set	1	3401 080 045	Knorr K108004K50
Guide sealing set for brake callipers, SK7, SN7, ST7	2	3400 010 766	Knorr K108002K50
Adjuster cap set for brake application unit, SN 5/6	3	3450 411 915	Knorr K000029
Adjuster cap set for brake application unit, SN 6/7	4	3411 000 290	Knorr K000945



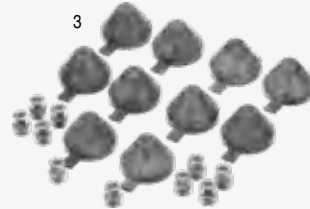
Resource-efficient through remanufacturing

Brake caliper

Reman, in exchange

Version standardised
Brake system SK7

Suitable for	Type number	Installation side	Order no	Comparative no
SAF Schmitz Cargobull	SK7042	left	3403 266 250	Knorr K132662X50
SAF Schmitz Cargobull	SK7052	right	3403 266 350	Knorr K132663X50



Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set for clamping unit, SK7, SN6, SN7	1	3400 110 013	Knorr K010603
Guide sealing set for brake calipers, SB6, SB7, SN6, SN7	2	3400 741 750	Knorr K067417K50
Adjuster cap set for brake application unit, SN 5/6	3	3450 411 915	Knorr K000029
Adjuster cap set for brake application unit, SN 6/7	4	3411 000 290	Knorr K000945



Brake carrier

Brake system ST7

Order no	Comparative no
3401 080 015	Knorr K108001K50



Guide sealing set

Brake system SN6, SN7

Order no	Comparative no
3400 099 604	Knorr K099604K50



Guide sealing set

Brake system SN 5

Order no	Comparative no
3400 047 188	Knorr K001928



Guide sealing set

Brake system SN5, SB5, SB6, SB7

Order no	Comparative no
3450 414 355	Knorr K000132

EconX®

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EconX products allow every commercial vehicle to stay on the road for longer – always cost-effective, technically on the best possible level and geared towards safety!

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TRUCKSERVICES



Resource-efficient

Brake caliper

in exchange

Brake system TS2 3709

Scope of supply
With coating

(Illustration similar)

Suitable for	Order no	Comparative no
BPW	6193 267 223	BPW 09.362.72.30.3
BPW	6109 362 723	BPW 09.362.72.31.3



Resource-efficient

Brake caliper

in exchange

Brake system TS2 3709

Scope of supply
Without coating

(Illustration similar)

Suitable for	Order no	Comparative no
BPW	6193 627 220	BPW 09.362.72.30.0
BPW	6109 362 722	BPW 09.362.72.31.0

Service parts/accessories

Description	Order no	Comparative no
Repair kit for bellows, Brake system TS2 3709/4309	6098 010 881	BPW 09.801.08.81.0
Repair kit, Brake system TS2 3709/4309	6098 010 869	BPW 09.801.08.69.0



Resource-efficient

Brake caliper

in exchange

Brake system TS2 4309

Scope of supply
With coating

(Illustration similar)

Suitable for	Order no	Comparative no
BPW	6193 627 224	BPW 09.362.72.32.3
BPW	6193 627 225	BPW 09.362.72.33.3



Brake caliper in exchange

Brake system TS2 4309

Scope of supply
Without coating

Suitable for	Order no	Comparative no
BPW	6193 627 222	BPW 09.362.72.32.0

Service parts/accessories

Description	Order no	Comparative no
Repair kit for bellows, Brake system TS2 3709/4309	6098 010 881	BPW 09.801.08.81.0
Repair kit, Brake system TS2 3709/4309	6098 010 869	BPW 09.801.08.69.0



Resource-efficient



Brake caliper in exchange

Brake system TSB 4309

Scope of supply
without lining

Suitable for	Order no	Comparative no
BPW	6193 627 212	BPW 09.362.72.12.2

Service parts/accessories

Description	Order no	Comparative no
Repair kit for brake caliper thrust piece	6098 010 763	BPW 09.801.07.63.0
Repair kit for brake caliper bearing shaft	6098 010 761	BPW 09.801.07.61.0
Repair kit for brake caliper sealing bearing shaft	6098 010 762	BPW 09.801.07.62.0
Repair kit for brake calipers, with socket screws and rings	6098 010 787	BPW 09.801.07.87.0



Resource-efficient



Brake caliper in exchange

Brake system TSB 3709

Scope of supply
without lining

Suitable for	Order no	Comparative no
BPW	6193 627 214	BPW 09.362.72.14.2

Service parts/accessories

Description	Order no	Comparative no
Repair kit for brake caliper thrust piece	6098 010 763	BPW 09.801.07.63.0
Repair kit for brake caliper bearing shaft	6098 010 761	BPW 09.801.07.61.0
Repair kit for brake caliper sealing bearing shaft	6098 010 762	BPW 09.801.07.62.0
Repair kit for brake calipers, with socket screws and rings	6098 010 787	BPW 09.801.07.87.0



Resource-efficient



Resource-efficient



Brake caliper in exchange

Brake system TSB 4312

Scope of supply
Without coating

Suitable for	Order no	Comparative no
BPW	6193 627 215	BPW 09.362.72.15.2
BPW	6193 627 216	BPW 09.362.72.16.2



Service parts/accessories

This figure corresponds to 6098 010 763

Description	Order no	Comparative no
Repair kit for brake caliper thrust piece	6098 010 763	BPW 09.801.07.63.0
Repair kit for brake caliper bearing shaft	6098 010 761	BPW 09.801.07.61.0
Repair kit for brake caliper sealing bearing shaft	6098 010 762	BPW 09.801.07.62.0
Repair kit for brake calipers, with socket screws and rings	6098 010 787	BPW 09.801.07.87.0



Brake caliper

Brake system SB 4309
Fastening Tangential screw fitting

Scope of supply
With coating

Suitable for	Order no	Comparative no
BPW	2116 270 625	BPW 05.362.70.62.5
BPW	2116 270 635	BPW 05.362.70.63.5

THE BPW EFFECT

100% OE

SPARE PARTS



BPW spare parts ONLY ORIGINAL IS GENIAL

With original spare parts from BPW, mobility is reliably ensured. Original BPW spare parts enable trouble-free operation of your vehicle fleet. Thanks to the highest fitting accuracy and fast delivery times, maximum service life and thus high economic efficiency is ensured.



MORE INFORMATION:
BPW.DE/EN



1



Brake caliper

Brake system SBS 2220

Scope of supply

With disc brake pad and carrier

Suitable for	Installation side	Order no	Comparative no
SAF	left	5030 800 081	SAF 3 080 0081 51
SAF	right	5030 800 082	SAF 3 080 0082 51



Service parts/accessories

Description	Fig.	Order no	Comparative no
Guide sealing set	1	5034 343 861	SAF 3 434 3861 00
Resetter group With adjusting screw and plug	2	5034 343 862	SAF 3 434 3862 00



Brake caliper

Brake system SBS 2220 K0

Scope of supply

with disc brake pad and carrier

Suitable for	Installation side	Order no	Comparative no
SAF	left	5030 800 087	SAF 3 080 0087 51
SAF	right	5030 800 088	SAF 3 080 0088 51



Service parts/accessories

Description	Order no	Comparative no
Guide sealing set SK7	5034 343 815	SAF 3 434 3815 00



Brake caliper

Brake system SBS 2220 H01

Scope of supply
with disc brake pad and carrier

Suitable for	Installation side	Order no	Comparative no
SAF	left	5080 009 700	SAF 3 080 0097 50
SAF	right	5080 009 800	SAF 3 080 0098 50



Service parts/accessories

Description	Fig.	Order no	Comparative no
Guide sealing set	1	5034 343 861	SAF 3 434 3861 00
Resetter group With adjusting screw and plug	2	5034 343 862	SAF 3 434 3862 00



Brake caliper

Brake system SBS 1918 H0

Scope of supply
with disc brake pad and carrier

Suitable for	Installation side	Order no	Comparative no
SAF	left	5030 800 085	SAF 3 080 0085 50
SAF	right	5030 800 086	SAF 3 080 0086 50



Service parts/accessories

Description	Fig.	Order no	Comparative no
Guide sealing set	1	5034 343 861	SAF 3 434 3861 00
Resetter group With adjusting screw and plug	2	5034 343 862	SAF 3 434 3862 00

1



Brake caliper

Brake system SBW 1937

Scope of supply
with brake pad

Suitable for	Installation side	Order no	Comparative no
SAF	left	5030 800 019	SAF 3 080 0033 50
SAF	right	5030 800 018	SAF 3 080 0032 50



Service parts/accessories

Description	Fig.	Order no	Comparative no
Guide sealing set, SK RB	1	5343 438 271	SAF 3 434 3827 01
Attachment screw set Brake caliper	2	5034 343 656	SAF 3 434 3656 00



Brake caliper

Brake system SK7

Scope of supply
with disc brake pad

Suitable for	Installation side	Order no	Comparative no
SAF	left	5030 800 055	SAF 3 080 0055 52
SAF	right	5030 800 054	SAF 3 080 0054 52



Service parts/accessories

Description	Fig.	Order no	Comparative no
Guide sealing set SK7	1	5034 343 815	SAF 3 434 3815 00
Pressure pad set	2	5034 343 814	SAF 3 434 3814 00
Attachment screw set Brake caliper	3	5034 343 656	SAF 3 434 3656 00



Brake caliper

Brake system SBK 2243 01
Type SK7

Application range
SAF axles

Scope of supply
with disc brake pad



Suitable for	Installation side	Order no	Comparative no
SAF	left	5030 800 059	SAF 3 080 0059 51
SAF	right	5030 800 060	SAF 3 080 0060 51



Service parts/accessories

Description	Fig.	Order no	Comparative no
Guide sealing set SK7	1	5034 343 815	SAF 3 434 3815 00
Pressure pad set	2	5034 343 814	SAF 3 434 3814 00



Brake caliper

Brake system SBK 1937
Type SN6



Suitable for	Installation side	Order no	Comparative no
SAF	left	5030 800 061	SAF 3 080 0061 52
SAF	right	5030 800 062	SAF 3 080 0062 52



Service parts/accessories

Description	Fig.	Order no	Comparative no
Guide sealing set SK7	1	5034 343 815	SAF 3 434 3815 00
Pressure pad set	2	5034 343 814	SAF 3 434 3814 00




Brake caliper

Brake system PAN 19-1

Scope of supply
with disc brake pad

Suitable for	Installation side	Order no	Comparative no
SAF	left	5030 800 071	SAF 3 080 0071 51
SAF	right	5030 800 072	SAF 3 080 0072 51



Service parts/accessories

Description	Fig.	Order no	Comparative no
Guide sealing set, SK RB	1	5343 438 271	SAF 3 434 3827 01
Gasket set, SK RB	2	5034 343 829	SAF 3 434 3829 00



Conversion kit

Suitable for 1 axle

Scope of supply
without disc brake pad

Description	Order no	Comparative no
Integral axle head B9/B19-19.5	5034 343 129	SAF 3 434 3129 01
Integral axle head B9/B19-22.5	5034 343 130	SAF 3 434 3130 00
Integral Axle Head SK-19.5	5034 343 128	SAF 3 434 3128 02
Integral Axle Head SK-22.5	5034 343 127	SAF 3 434 3127 01

Quickly repaired with the Original Hub-Unit Kit



Trust the original and save time and money with the complete set includes a pre-assembled wheel hub unit.



Brake caliper

Reman, in exchange

Scope of supply
without brake carrier

Suitable for	Brake system	Fig.	Order no	Comparative no
Schmitz Cargobull	MAXX 22T	1	7620 222 004	WABCO 640 222 004 R
Schmitz Cargobull	MAXX 22T	2	7620 222 003	WABCO 640 222 003 R
Schmitz Cargobull SAF	PAN 19-1 Plus	3	7620 195 038	WABCO 640 195 038 R
Schmitz Cargobull SAF	PAN 19-1 Plus	4	7620 195 037	WABCO 640 195 037 R



Brake caliper

Reman, in exchange

Suitable for	Type number	Fig.	Order no	Comparative no
BPW Gigant SAF SMB	SN6580RC	1	7620 102 001	Knorr K013174
BPW Gigant SAF SMB	SN6570RC	2	7620 102 002	Knorr K013173



Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set for clamping unit	1	7620 010 603	Knorr K010603
Guide sealing set for brake caliper, with hard chrome plated bolts	2	7620 741 750	Knorr K067417K50



Resource-efficient through remanufacturing



Brake caliper

Version Single sealing system

Suitable for	Type number	Fig.	Order no	Comparative no
BPW SAF Schmitz Cargobull	SN7195RC	1	7620 103 001	Knorr K003782
BPW SAF Schmitz Cargobull	SN7185RC	2	7620 103 002	Knorr K003781

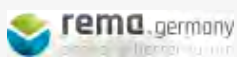


Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set for clamping unit	1	7620 010 603	Knorr K010603
Guide sealing set, with hard chrome plated bolts	2	7620 108 002	Knorr K004100, Knorr K010766



Resource-efficient through remanufacturing



Brake caliper

Reman, in exchange

Suitable for	Type number	Installation side	Order no	Comparative no
BPW SAF Schmitz Cargobull	SN7186RC	left	7620 103 004	Knorr K003783
BPW SAF Schmitz Cargobull	SN7196RC	right	7620 103 003	Knorr K003784



Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set for clamping unit	1	7620 010 603	Knorr K010603
Guide sealing set for brake caliper, with hard chrome plated bolts	2	7620 741 750	Knorr K067417K50

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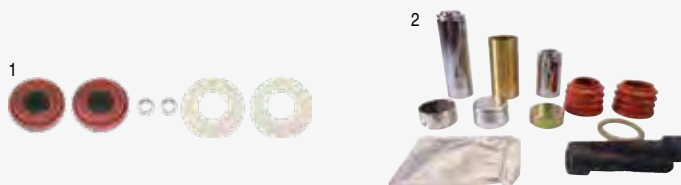


Brake caliper

Reman, in exchange

Version Double sealing system
 Brake system SK7

Suitable for	Type number	Fig.	Order no	Comparative no
BPW SAF Schmitz Cargobull	SK7052RC	1	7620 103 074	Knorr K012634
BPW SAF Schmitz Cargobull	SK7042RC	2	7620 103 073	Knorr K012633



Service parts/accessories

Description	Fig.	Order no	Comparative no
Pressure pad set for clamping unit	1	7620 010 603	Knorr K010603
Guide sealing set, with hard chrome plated bolts	2	7620 108 002	Knorr K004100, Knorr K010766



Repair sets for Knorr SN6/SN7, SB6/SB7, SM7/SL7

Description	Fig.	Order no	Comparative no
Guide sealing set, with hard chrome plated bolts	1	7620 110 376	Knorr K031844K50
Pressure pad set	2	7620 010 604	Knorr K010604
Pressure pad set	3	7620 046 523	Knorr K046523K50

BRAKE CALIPERS

24-months warranty with unlimited mileage



We protect our environment

Under the brand name rema.germany, APS Germany GmbH specialises in the remanufacturing and further development of original parts and the sale of technical products for commercial vehicles.

Our top priority is to steadily increase our contribution to sustainably preserving our planet's resources, winning over other market players and thus becoming synonymous with the circular economy in our relevant market in Europe.

Remanufactured and optimised

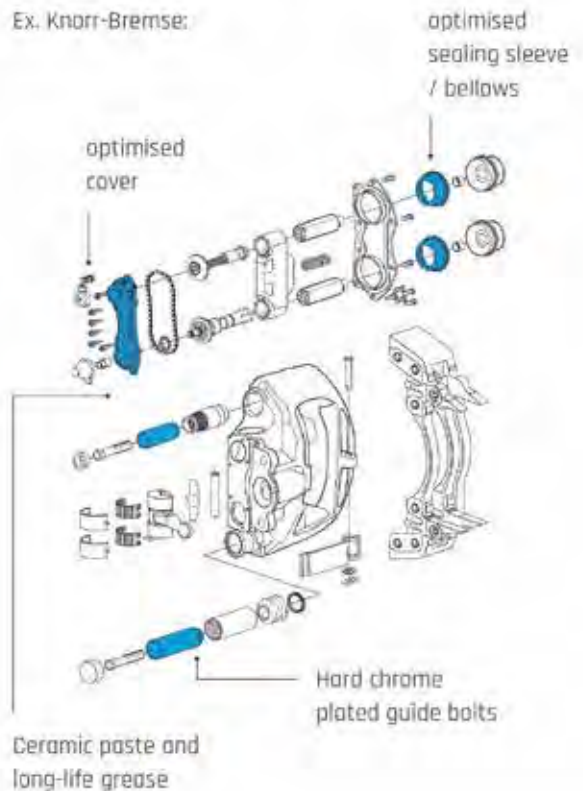


Our programme is constantly being expanded and updated!

Our brake calipers

Standardised, optimised - guaranteed!

Ex. Knorr-Bremse:



You also benefit from

- ✓ Safety through improved components
- ✓ Lower maintenance costs over the life of the vehicle
- ✓ Guide to standardised inspection of brake calipers
- ✓ Reduced workshop time
- ✓ Protection against „Unwanted Break Down Time“
- ✓ Technical support

Let's make the trailer **greener!**



WABCO**Brake caliper**
in exchange

Brake system PAN 22

Scope of supply
Without coating

Suitable for	Installation side	Order no	Comparative no
Schmitz Cargobull	left	6402 250 400	WABCO 640 225 040 0
Schmitz Cargobull	right	6402 250 410	WABCO 640 225 041 0

Service parts/accessories

Description	Order no	Comparative no
Repair kit, Guide pin	3801 299 776	WABCO 129 997 76



Resource-efficient

WABCO**Brake caliper**
Reman, in exchange

Brake system PAN 22

Scope of supply
Without coating

Suitable for	Installation side	Order no	Comparative no
SAF Schmitz Cargobull	left	3800 225 015	WABCO 640 225 015 R
SAF Schmitz Cargobull	right	3800 225 016	WABCO 640 225 016 R

Service parts/accessories

Description	Order no	Comparative no
Repair kit, Guide pin	3801 299 776	WABCO 129 997 76

Resource-efficient through
remanufacturing**WABCO****Brake caliper**
in exchange

Brake system PAN 19-1 Plus

Scope of supply
without lining

Suitable for	Installation side	Order no	Comparative no
Schmitz Cargobull	left	3801 950 950	WABCO 640 195 095 0
Schmitz Cargobull	right	3801 950 960	WABCO 640 195 096 0

Service parts/accessories

Description	Order no	Comparative no
Repair kit, Guide pin	3801 299 776	WABCO 129 997 76
Repair kit, Pressure plate	3801 959 362	WABCO 640 195 936 2



Resource-efficient

WABCO



Brake caliper
in exchange

Brake system MAXX™22T

Scope of supply
Without coating

Suitable for	Installation side		Order no	Comparative no
Schmitz Cargobull	left		3806 402 220	WABCO 640 222 003 0
Schmitz Cargobull	right		3806 402 224	WABCO 640 222 004 0
Schmitz Cargobull	left	*	3800 222 003	WABCO 640 222 003 R
Schmitz Cargobull	right	*	3800 222 004	WABCO 640 222 004 R

* Reman

Hallex

Brake caliper

Brake system SBS 2220
Type DBT22LT

Scope of supply
With coating



Suitable for	Installation side		Order no	Comparative no
Gigant SAF	left		3970 095 620	Hallex 95620C
Gigant SAF	right		3970 095 621	Hallex 95621C

Service parts/accessories

Description		Order no	Comparative no
Repair kit for slide function, Suitable for Module T		3970 095 397	Hallex 95397
Repair kit for adjusting shaft, Suitable for ModuleT		3970 095 398	Hallex 95398
Gasket set, Mechanism, Suitable for ModuleT		3970 095 399	Hallex 95399
Wear indicator kit for disc brake		3970 096 150	Hallex 96150

Hallex

Brake pad set
Modul T

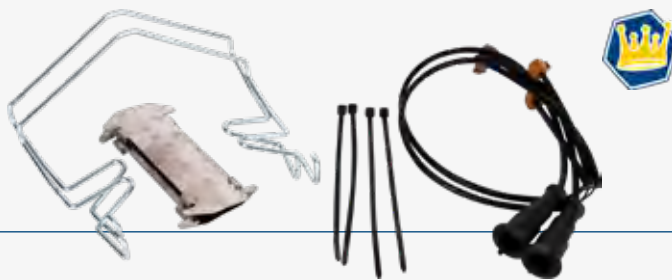
Lining thickness 30,00 mm

Scope of supply
with accessories



This figure corresponds to 3970 095 396

WVA no.	Brake system		Order no	Comparative no
29274	Hallex DBT19LT		3970 096 306	Hallex 96306
29175	Hallex DBT22LT, SAF SBS 2220		3970 095 396	Hallex 95396



Wear indicator kit

for disc brake

Brake system DBT19LT, DBT22LT

Scope of supply

with pad retaining bracket

Suitable for	Order no	Comparative no
Gigant SAF Schmitz Cargobull	3970 096 150	Haldex 96150



Wear indicator kit

Length 750 mm

Scope of supply

1 set = 2 units

Suitable for	Order no	Comparative no
Gigant SAF Schmitz Cargobull	9333 472 002	Haldex 96150

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Brake disc

Version with pole wheel mount
Thickness 45 mm

This figure corresponds to 6030 883 416

Suitable for	Number of holes	Outer \varnothing	Hole circle \varnothing	Height	Type	Order no	Comparative no
BPW	8	374 mm	275 mm	159,5 mm	1	6030 883 416	BPW 03.088.34.16.7
BPW	8	377 mm	275 mm	159,5 mm	1	6030 883 403	BPW 03.088.34.03.7
BPW	10	337 mm	335 mm	159,5 mm	2	6030 883 404	BPW 03.088.34.04.7
BPW	10	374 mm	335 mm	159,5 mm	2	6030 883 422	BPW 03.088.34.22.7
BPW	10	376 mm	335 mm	160 mm	2	6030 883 413	BPW 03.088.34.13.7
BPW	8	377 mm	275 mm	159,5 mm	3	6030 883 401	BPW 03.088.34.01.7



Accessories

This figure corresponds to 6033 100 939

Description	Suitable for	Order no	Comparative no
ABS ring for SB 3745, \varnothing 177/215 mm, Thickness 22 mm, Number of teeth 80	Type 1	6033 100 938	BPW 03.310.09.38.0
ABS ring for SB 3745, \varnothing 177/215 mm, Thickness 22 mm, Number of teeth 100	Type 2	6033 100 939	BPW 03.310.09.39.0
ABS ring for SB 3745, clamped, Number of teeth 80	Type 3	6053 100 729	BPW 05.310.07.29.1



Brake disc

Version without pole wheel mount
Thickness 45 mm

This figure corresponds to 6030 883 505

Suitable for	Number of holes	Outer \varnothing	Hole circle \varnothing	Height	Order no	Comparative no
BPW	6	335 mm	205 mm	134 mm	6030 883 313	BPW 03.088.33.13.7
BPW	8	374 mm	275 mm	159,5 mm	6030 883 415	BPW 09.088.34.15.7
BPW	10	374 mm	335 mm	159,5 mm	6030 883 414	BPW 03.088.34.21.7
BPW	10	377 mm	335 mm	159,5 mm	6030 883 406	BPW 03.088.34.06.7
BPW	10	377 mm	335 mm	159,5 mm	6030 883 410	BPW 03.088.34.10.7
BPW	10	377 mm	335 mm	170 mm	6030 883 408	BPW 03.088.34.08.7
BPW	10	430 mm	335 mm	159,5 mm	6030 883 505	BPW 03.088.35.12.7



Brake disc

Version with pole wheel mount
Thickness 45 mm

This figure corresponds to 5040 790 013

Suitable for	Number of holes	Outer \varnothing	Height	Type		Order no	Comparative no
SAF	10	430 mm	48 mm	1	*	5040 790 013	SAF 4 079 0013 53
SAF	10	430 mm	131,5 mm	2		5040 790 017	SAF 4 079 0017 51
SAF	10	377 mm	57,5 mm	3	*	5040 790 010	SAF 4 079 0010 04
SAF	10	377 mm	141 mm	4		5040 790 018	SAF 4 079 0018 51
SAF	10	430 mm	135 mm	5	*	5040 790 015	SAF 3 079 0015 51
SAF	8	377 mm	145 mm	6	*	5040 790 016	SAF 3 079 0016 51
SAF	10	430 mm	45 mm	7	*	5030 790 020	SAF 3 079 0020 50

* Integral



Service parts

Description	Suitable for	Fig.	Order no	Comparative no
Repair kit, Built-in disc, RB/BI	Type 1,	1	5034 343 662	SAF 3 434 3662 00
Attachment screw set Brake caliper, SBS 2220	Type 1, 2, 3, 4, 5, 6, 7	2	5034 343 660	SAF 3 434 3660 00
Accessories set Brake disc	Type 2, 5, 6	3	5034 343 663	SAF 3 434 3663 00



Brake disc

Version without pole wheel mount
Thickness 45 mm

Number of holes	Outer \varnothing	Hole circle \varnothing	Height	Fig.	Order no	Comparative no
12	375 mm	168 mm	139 mm	1	5040 790 007	SAF 4 079 0007 53
12	430 mm	168 mm	114 mm	2	5407 900 050	SAF 4 079 0005 52
8	377 mm	275 mm	157 mm	3	5040 790 004	SAF 4 079 0004 50



**EURO
PART**

Brake disc

Version ventilated

tested and approved according to UN ECE R90 standard

Suitable for	Number of holes	Outer \varnothing	Hole circle \varnothing	Height	Outer \varnothing	Fig.	Order no	Comparative no
BPW	8	377 mm	275 mm	159,5 mm	377 mm	1	2040 370 004	BPW 03.088.34.03.7
BPW	8	377 mm	275 mm	159,5 mm	377 mm	2	2040 370 003	BPW 03.088.34.01.7
SAF	8	377 mm	275 mm	157 mm	377 mm	3	2051 000 401	SAF 4 079 0004 00
Schmitz Cargobull	10	430 mm	290 mm	168,5 mm	430 mm	4	2088 430 001	Schmitz 1176816
Schmitz Cargobull	10	375 mm	335 mm	168,5 mm	375 mm	5	1226 088 133	Schmitz 1088133
BPW	10	430 mm	335 mm	159,5 mm	430 mm	6	2040 430 002	BPW 03.088.35.12.7
BPW	10	377 mm	335 mm	159,5 mm	377 mm	7	2040 370 008	BPW 03.088.34.10.7
BPW	10	377 mm	335 mm	159,5 mm	377 mm	8	2040 370 002	BPW 03.088.34.06.7
BPW	10	377 mm	335 mm	169,5 mm	377 mm	9	2040 370 006	BPW 03.088.34.08.7
BPW	10	377 mm	335 mm	160 mm	377 mm	10	2040 370 017	BPW 03.088.34.04.0
SAF	10	430 mm	335 mm	160 mm	430 mm	11	2051 000 301	SAF 4 079 0003 00
SAF	12	430 mm	168 mm	130 mm	430 mm	12	2051 000 501	SAF 4 079 0005 01
SAF	12	375 mm	168 mm	139,5 mm	375 mm	13	2051 000 700	SAF 4 079 0007 03



Brake pad set with Green Coat

Splined socket for resetter is not included with pad set. If required, please order 3566 180 782.

Suitable for	WVA no.	Brake system	Lining thickness	Fig.	Order no	Comparative no
BPW Gigant SAF Schmitz Cargobull	29061	SB/SN7	30,00 mm	1	2323 405 206	BPW 05.362.70.02.0
BPW SAF	29095	SB6000	30,00 mm	1	2129 095 006	SAF 3 057 0078 00
BPW	29306	SB3745	30,00 mm	2	2129 029 306	BPW 09.801.08.15.1
BPW	29308	SB4309T (SK7)	30,00 mm	3	2129 029 308	BPW 09.801.08.16.0
BPW	29307	SB4345	30,00 mm	4	2129 029 307	BPW 09.801.08.17.1
SAF Schmitz Cargobull	29158	SK7	30,00 mm	5	2129 158 009	SAF 3 057 0085 00
SAF Schmitz Cargobull	29162	PAN 22-1	31,00 mm	6	2129 162 100	SAF 3 057 0084 00

Accessories

Description	Order no
Splined bit for brake caliper	3566 180 782





 **KNORR-BREMSE**

Brake pad set

This figure corresponds to 3409 753 350

Suitable for	WVA no.	Brake system	Lining thickness	Order no	Comparative no
BPW	29093	SB/SN6	30,00 mm	3418 027 062	Knorr K115441K50
BPW	29165	SN6	29,8 mm	6098 011 469	Knorr K060273K50
BPW	29252	SB7/SN7	21,00 mm	3419 319 880	Knorr K046772K50
BPW SAF Schmitz Cargobull	29252	SB/SN7	30,00 mm	3400 467 770	Knorr K046771K50
SAF Schmitz Cargobull	29095, 29287	SB/SN6	21,00 mm	3410 078 206	Knorr K078206K50
SAF Schmitz Cargobull	29158	SK7	23,00 mm	3406 660 850	Knorr K066608K50
Schmitz Cargobull	29328	ST7	23,00 mm	3409 753 350	Knorr K097533K50



Brake pad set

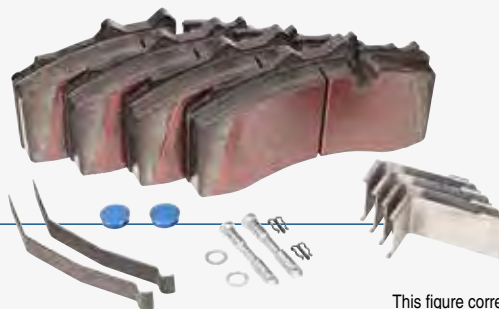
This figure corresponds to 6098 010 643

Suitable for	WVA no.	Brake system	Lining thickness	Order no	Comparative no
BPW	29227	TSB 3709	30,00 mm	0098 010 794	BPW 09.801.07.94.0
BPW	29228	TSB 4309	30,00 mm	6098 010 757	BPW 09.801.07.96.0
BPW	29306	SB 3745T	30,00 mm	6098 010 643	BPW 09.801.08.15.1
BPW	29403	TS2 4309	19,00 mm	6098 010 873	BPW 09.801.08.73.0
BPW	29308	SB 4309T	30,00 mm	6098 010 644	BPW 09.801.08.16.1
BPW	29405	TS2 3709	19,00 mm	6098 010 872	BPW 09.801.08.72.0
BPW	29267	TSB 4312	19,00 mm	6098 010 759	BPW 09.801.07.98.0
BPW	29307	SB 4345	30,00 mm	6098 010 645	BPW 09.801.08.17.1



Brake pad set

Lining thickness 30,00 mm



This figure corresponds to 2132 922 801

Suitable for	WVA no.	Brake system	Order no	Comparative no
BPW	29228	TSB4309	2132 922 801	Textar 2922801
BPW	29227	TSB3709	2132 922 701	Textar 2922701
BPW	29165	SB 3745T	2129 095 003	Textar 2930601
BPW	29307	SB 7	2129 167 300	Textar 2930701
SAF	29158	SK 7	2129 158 513	Textar 2915801



Brake pad set

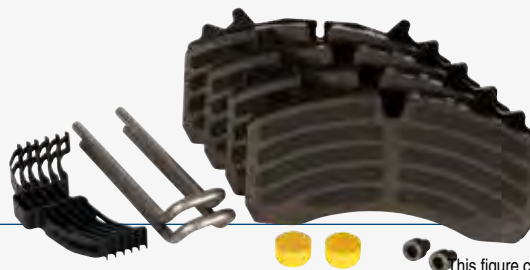


This figure corresponds to 5030 570 097

Suitable for	WVA no.	Quality	Brake system	Lining thickness	Order no	Comparative no
SAF	29061	SAF 567	SB7/SN7	30,00 mm	5130 570 077	SAF 3 057 0077 01
SAF	29061	SAF 577	SB7/SN7	30,00 mm	5030 570 077	SAF 3 057 0077 00
SAF	29095	SAF 567	SN6	30,00 mm	5130 570 078	SAF 3 057 0078 01
SAF	29095	SAF 577	SN6	30,00 mm	5030 570 078	SAF 3 057 0078 00
SAF	29158	SAF 567	SK7	30,00 mm	5130 570 085	SAF 3 057 0085 01
SAF	29158	SAF 577	SK7	30,00 mm	5030 570 085	SAF 3 057 0085 00
SAF	29159	SAF 567	PAN 19	30,00 mm	5130 570 080	SAF 3 057 0080 01
SAF	29159	SAF 577	PAN 19	30,00 mm	5030 570 080	SAF 3 057 0080 00
SAF	29162	SAF 567	PAN 22-1	30,00 mm	5130 570 084	SAF 3 057 0084 01
SAF	29162	SAF 577	PAN 22-1	30,00 mm	5030 570 084	SAF 3 057 0084 00
SAF	29181	SAF 607	SBS 1918 H0	30,00 mm	5030 570 014	SAF 3 057 0014 00
SAF	29195	SAF 437	SBS 2220 H01	30,00 mm	5057 001 500	SAF 3 057 0015 00
SAF	29195	SAF 567	SBS 2220	30,00 mm	5030 570 097	SAF 3 057 0096 01
SAF	29195	SAF 577	SBS 2220	30,00 mm	5030 570 096	SAF 3 057 0096 00



Brake pad set



This figure corresponds to 3802 229 232





Suitable for	WVA no.	Brake system	Lining thickness	Order no	Comparative no
SAF	29159	PAN 19-1 plus	29,80 mm	6370 999 737	WABCO 640 195 924 2
Schmitz Cargobull	29162	PAN 22/22-1	31,85 mm	0402 259 222	WABCO 640 225 922 2
Schmitz Cargobull	29162	MAXX 22T	31,85 mm	3802 229 232	WABCO 640 222 923 2

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BERAL®

Brake pad set

Scope of supply
with accessories

This figure corresponds to 2129 264 575

Suitable for	WVA no.	Brake system	Lining thickness	Order no	Comparative no
BPW	29265	KB SB3745T (SB6)	30,00 mm	2129 265 575	Beral BCV29265TK
BPW	29264	KB SB4309T (SK7)	30,00 mm	2129 264 575	Beral BCV29264TK
BPW	29263	KB SB4345T (SB7)	30,00 mm	2129 263 575	Beral BCV29263TK
SAF	29158	SK7	30,00 mm	2129 158 502	Beral BCV29257TK
Schmitz Cargobull	29328	KB ST7-430 (ProTecS®)	35/32 mm	2142 932 800	Beral BCV29328TK


BERAL®

Brake pad set without tension spring

Lining thickness 30.00 mm

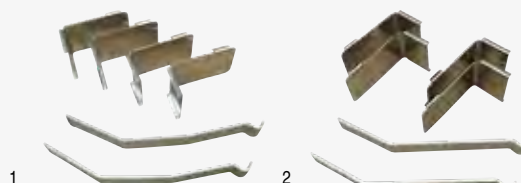
Scope of supply
without accessories

This figure corresponds to 2142 922 701

Suitable for	WVA no.	Brake system	Order no	Comparative no
BPW	29227	TSB 3709	2142 922 701	BPW 09.801.08.37.0
BPW	29228	TSB 4309	2142 922 801	BPW 09.801.07.96.0

¹ Accessories: 2142 922 703

² Accessories: 2142 922 803



Accessories

Description	Fig.	Order no	Comparative no
Assembly set for tension spring, WVA no. 29227	1	2142 922 703	Beral FAC181
Assembly set for tension spring, WVA no. 29228	2	2142 922 803	Beral FAC182



ProTec S®

When it comes to commercial vehicles, the safety of drivers and their cargo is a top priority. Even though brakes are arguably the most safety-critical component on any vehicle, they're also vulnerable to faults resulting from improper fitment. That's why BERAL is bringing to market the innovative pad retaining system ProTec S® that Knorr-Bremse has developed in conjunction with the foremost European commercial vehicle manufacturers. This clever technology ensures a permanent, welded connection between the spring and the brake pad's backplate.

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- > **The assurance of latest OE technology**
- > **More efficient braking**
- > **Quick, error-free installation**
- > **Reduced brake noise and idle wear**



1



Wear indicator kit for disc brake

This figure corresponds to 5034 242 004

Suitable for	Length	Order no	Comparative no
Gigant SAF	740 mm	5034 242 004	Knorr K000461
SAF Schmitz Cargobull	682 mm	3400 093 700	Knorr K000937
BPW SAF Schmitz Cargobull	294 mm	6058 015 170	Knorr K000938



Wear indicator kit for disc brake

This figure corresponds to 6058 014 950

Suitable for	Length	Order no	Comparative no
BPW	500 mm	6058 014 950	BPW 05.801.49.50.0
BPW	620 mm	6058 014 892	BPW 05.801.48.92.0



Wear indicator kit

Suitable for	Order no	Comparative no
SAF	5034 242 033	SAF 3 424 2033 00



Wear indicator kit

Length 750 mm

Scope of supply
1 set = 2 units

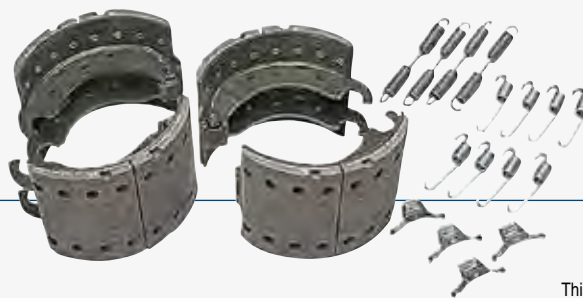
Suitable for	Order no	Comparative no
Gigant SAF Schmitz Cargobull	9333 472 002	Haldex 96150



Brake drum

This figure corresponds to 6031 094 306

Suitable for	Hole pattern	Hole circle \varnothing	Inner \varnothing	Height	Order no	Comparative no
BPW	6 x 21 mm	205 mm	300 mm	164 mm	6031 094 306	BPW 03.109.43.10.0
BPW	8 x 23 mm	275 mm	360 mm	260 mm	6031 099 003	BPW 03.109.90.03.0
BPW	10 x 23 mm	335 mm	290 mm	200 mm	6031 097 304	BPW 03.109.73.04.0
BPW	10 x 23 mm	225 mm	360 mm	260 mm	6031 099 004	BPW 03.109.90.04.0
BPW	10 x 23 mm	335 mm	420 mm	220 mm	6031 097 742	BPW 03.109.77.42.0
BPW	10 x 23 mm	335 mm	420 mm	226 mm	6031 096 719	BPW 03.109.67.79.0
BPW	10 x 23 mm	225 mm	300 mm	260 mm	6031 094 606	BPW 03.109.43.07.0



Brake shoe set

Scope of supply
with brake pad and accessories

This figure corresponds to 6098 010 739

Suitable for	Brake system	Order no	Comparative no
BPW	SN 3020	6098 012 420	BPW 09.801.02.42.0
BPW	SN 3620	6098 010 240	BPW 09.801.02.40.0
BPW	SN 4218	6098 010 739	BPW 09.801.07.39.0
BPW	SN 4220	6098 010 749	BPW 09.801.07.49.0



Brake shoe

Scope of supply
with brake lining

This figure corresponds to 6050 911 922

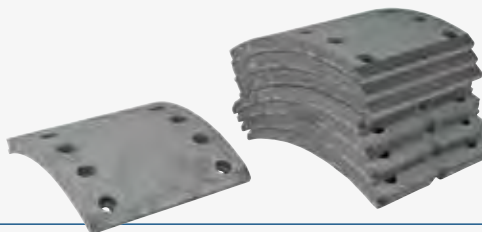
Suitable for	Brake system	Brake size	Order no	Comparative no
BPW	SN 3020	300 x 200 mm	6050 911 436	BPW 05.091.14.70.0
BPW	SN 3020	300 x 200 mm	6050 911 472	BPW 05.091.16.04.0
BPW	SN 3015, SN 3024	300 x 200 mm	6050 911 477	BPW 05.091.14.77.1
BPW	SN 3620	360 x 200 mm	6050 911 922	BPW 05.091.19.22.0
BPW	SN 4218	420 x 180 mm	6050 914 632	BPW 05.091.46.32.1



Accessories

Description	Order no	Comparative no
Repair kit for brake shoes, Suitable for SN 3620	6098 010 245	BPW 09.801.02.45.0

1



Brake lining set

WVA no. 19191
Lining thickness 18,00 mm

Suitable for	Order no	Comparative no
BPW	6098 010 741	BPW 09.801.07.41.0



Slack adjuster set

Suitable for	Number of holes	Fig.		Order no	Comparative no
BPW	4	-		6055 748 831	BPW 05.574.88.31.3
BPW	5	1	*	6055 748 308	BPW 05.574.83.08.3
BPW	6	-	*	6055 748 243	BPW 05.574.82.43.3
BPW	6	2	*	6055 748 287	BPW 05.574.82.87.3

* ECO-Master



This figure corresponds to 6051 748 263

Slack adjuster

Suitable for	Number of holes	Order no	Comparative no
BPW	4	6517 482 472	BPW 05.174.82.47.3
BPW	5	6055 748 267	BPW 05.574.82.67.3
BPW	6	6051 748 263	BPW 05.174.82.63.3



Retrofit set

Windscreen cover plates for off-road use

Scope of supply
complete, for one axle

This figure corresponds to 6098 010 638

Suitable for	Brake system	Suitable for	Order no	Order no
BPW	SB 3745	Tangential screw connection, S-hub	6098 010 638	BPW 09.801.06.38.0
BPW	SB 4309 T/4345 T	S-hub	6098 010 640	BPW 09.801.06.40.0
BPW	SB 3745	Tangential screw fitting	6098 010 649	BPW 09.801.06.49.0
BPW	TSB 3709		6098 010 751	BPW 09.801.07.51.0
BPW	TSB 4309		6098 010 752	BPW 09.801.07.52.0
BPW	TSB 4309/4312	Rigid axles	6098 010 753	BPW 09.801.07.53.0



Cover set

Scope of supply
complete, for one axle

This figure corresponds to 6099 000 129

Suitable for	Brake system	Application range	Order no	Order no
BPW	SN 3616/3620	square hollow axle 120 mm	6900 000 106	BPW 99.00.000.1.06
BPW	SN 4218	Square hollow axis 120 mm, 16°	6099 000 129	BPW 99.00.000.1.29
BPW	SN 4218	Square hollow axis 120 mm, 20°	6990 000 096	BPW 99.00.000.0.96
BPW	SN 3020	square hollow axle 120 mm, 0°	6900 000 109	BPW 99.00.000.1.09
BPW	SN 3020-1	Square hollow axle 120 mm	6099 000 111	BPW 99.00.000.1.11
BPW	SN 4218	Square hollow axis 120 mm, 16°	6099 000 123	BPW 99.00.000.1.23
BPW	SN 4220	Square hollow axle 150 mm, 25°.	6099 000 126	BPW 99.00.000.1.26
BPW	SN 4220	square hollow axle 150 mm, 25°	6099 000 132	BPW 99.00.000.1.32
BPW	SN 3010	Round hollow axle, Ø 105/70 mm	6990 000 013	BPW 99.00.000.1.39



Brake drum

Suitable for	Hole circle \varnothing	Hole pattern	Inner \varnothing	Height	Fig.	Order no	Comparative no
SAF	225 mm	10 x 23 mm	300 mm	280 mm	1	5010 640 273	SAF 1 064 0273 00
SAF	225 mm	10 x 23 mm	367 mm	259 mm	2	5010 640 278	SAF 1 064 0278 00
SAF	275 mm	8 x 23 mm	367 mm	260 mm	3	5010 640 277	SAF 1 064 0277 00
SAF	335 mm	10 x 23 mm	420 mm	227 mm	4	5010 640 260	SAF 1 064 0260 02



Brake shoe set

Scope of supply
with brake pad and accessories

This figure corresponds to 5034 343 655

Suitable for	Brake size	Order no	Comparative no
SAF	SNK 300 x 200 mm	5034 343 655	SAF 3 434 3655 00
SAF	SNK 367 x 200 mm	5034 343 616	SAF 3 434 3616 00
SAF	SNK 420 x 200 mm	5034 343 654	SAF 3 434 3654 00
SAF	SNK 420 x 180 mm	5034 343 653	SAF 3 434 3653 00



Brake shoe

Scope of supply
with brake lining

This figure corresponds to 5030 550 128

Suitable for	Brake size	Order no	Comparative no
SAF	SNK 367 x 200 mm	5030 550 128	SAF 3 055 0128 00
SAF	SNK 300 x 200 mm	5030 550 129	SAF 3 055 0129 03
SAF	SNK 420 x 180 mm	5030 550 120	SAF 3 055 0120 00
SAF	SNK 420 x 200 mm	5030 550 122	SAF 3 055 0122 00



Brake lining set

This figure corresponds to 5030 573 924

Suitable for	WVA no.	Brake drum \varnothing	Contents of set	Order no	Comparative no
SAF	19515	300 mm	4+4	5030 573 924	SAF 3 0 57 3924 00
SAF	19490	367 mm	8	5030 573 170	SAF 3 0 57 3970 00
SAF	19283	420 mm	8	5030 573 960	SAF 3 0 57 3960 00
	19478	420 mm	8	5030 573 966	SAF 3 0 57 3966 00



Slack adjuster set

Version automatic
Angle 30°

Scope of supply
complete set for one axle



Order no	Comparative no
5034 343 502	SAF 3 434 3502 03



Cover plate for drum brake



Suitable for	Order no	Comparative no
SAF	5010 050 222	SAF 1 005 0222 00



Cover plate kit

Scope of supply
complete, for one side



Suitable for	Brake system	Order no	Comparative no
SAF	SNK 367 x 180	5030 050 171	SAF 3 005 0171 00
SAF	SNK 300 x 200	5030 050 183	SAF 3 005 0183 00
SAF	SNK 420 x 180	5030 050 173	SAF 3 005 0173 00
SAF	SNK 300 x 200	5030 050 161	SAF 3 005 0161 00

This figure corresponds to 5030 050 173



Brake drum

Suitable for	Hole pattern	Hole circle \varnothing	Inner \varnothing	Height	Fig.	Order no	Comparative no
BPW	10 x 23 mm	225 mm	300 mm	260 mm	1	2040 302 014	BPW 03.109.46.06.0
BPW	10 x 23 mm	335 mm	420 mm	226 mm	2	2040 421 813	BPW 03.109.67.13.0
BPW	10 x 23 mm	335 mm	420 mm	226 mm	3	2040 421 814	BPW 03.109.67.19.0
BPW	10 x 23 mm	335 mm	420 mm	259 mm	4	2040 421 815	BPW 03.109.77.17.0
BPW	8 x 23 mm	275 mm	360 mm	259 mm	5	2040 362 003	BPW 03.109.90.03.0
BPW	10 x 23 mm	225 mm	300 mm	260 mm	6	2040 302 011	BPW 03.105.46.29.0
SAF	10 x 23 mm	335 mm	420 mm	255 mm	7	2051 027 000	SAF 1 064 0270 00
SAF	8 x 23 mm	275 mm	367 mm	260 mm	8	2051 027 700	SAF 1 064 0277 00
SAF	10 x 23 mm	335 mm	420 mm	227 mm	9	2051 026 001	SAF 1 064 0260 02
SAF	10 x 23 mm	225 mm	300 mm	280 mm	10	2051 027 300	SAF 1 064 0273 00



Brake shoe

This figure corresponds to 1304 214 190

Suitable for	Brake size	Order no	Comparative no
BPW	300 x 200 mm	1304 214 190	BPW 05.091.14.19.0
BPW	300 x 200 mm	1304 203 027	BPW 05.091.14.80.0
BPW	360 x 200 mm	1304 219 340	BPW 05.091.19.34.0
BPW	420 x 180 mm	1304 226 642	BPW 05.091.26.64.2
BPW	420 x 180 mm	1304 246 170	BPW 05.091.46.17.0
BPW	420 x 200 mm	1304 227 830	BPW 05.091.27.83.0
SAF	420 x 180 mm	1304 212 000	SAF 3 054 0120 00



Brake lining set

Scope of supply
with rivets

This figure corresponds to 2119 515 008

Suitable for	WVA no.	Brake drum \varnothing	Dimensions	Order no	Comparative no
BPW	19574	300 mm	300 x 200 mm	2119 574 009	BPW 03.092.14.45.0
BPW	19032	420 mm	420 x 180 mm	2119 032 009	BPW 09.801.07.41.0
SAF	19094	420 mm	420 x 200 mm	2119 094 008	SAF 3 057 0013 00
SAF	19283	420 mm	420 x 180 mm	2119 283 008	SAF 3 057 0060 00
SAF	19515	300 mm	300 x 200 mm	2119 515 008	SAF 3 057 3924 00



Slack adjuster set

Version automatic
Number of teeth 10

This figure corresponds to 1205 801 500

Suitable for	Form	Number of holes	Order no	Comparative no
BPW	not offset	6	1205 801 500	BPW 05.574.82.02.1
BPW	not offset	6	1205 868 000	BPW 05.574.82.87.3
BPW	not offset	5	1205 868 010	BPW 05.574.82.43.2
BPW	not offset	5	1205 868 020	BPW 05.574.82.67.3
BPW	not cranked	6	1205 868 040	BPW 05.574.82.88.3
BPW	not offset	6	1205 868 070	BPW 05.574.88.22.3
SAF	not offset	6	1205 801 515	SAF 4 175 0228 00
SAF	not offset	6	1205 861 605	SAF 3 434 3502 03
SAF	not cranked	4	1205 861 590	SAF 3 434 3505 01
SAF	offset, - +36/-36 mm	3	1205 868 500	SAF 3 434 3515 00
SAF	not offset	5	1205 801 505	SAF 3 434 3501 00



Tool case

Contains all special tools required for professional repair of Knorr-Bremse air disc brakes types SB6/SN6/SB7/SN7/SK7/SM/SL7/ST7 and SyD7

detailed service manual available online

Order no	Comparative no
3405 888 050	Knorr K158880K50



Accessories

This figure corresponds to 3402 092 115

Description	Order no	Comparative no
Tool kit, Knorr-Bremse brake types SN6/SN7/SK7/SM7/SL7	3402 092 115	Knorr K209211K50
Extension set for the tool box K016947	3400 046 291	Knorr K046291K50
Tool case, Contains all special tools required for professional repair of Knorr-Bremse air disc brakes type SN5	3411 047 890	Knorr K037001
Tool case, Insert ring for pressure piece with bellows, press-in tools for cover and a service manual for Knorr SK7/SN7/SN7	3400 017 062	Knorr K017062



Tool case

Application range

for repair or servicing of Knorr brake callipers SB6/SB6...(SN)/SB7/SB7...(SN)/SB7...(SK), SAF SBS2220H, WABCO PAN 19-1/PAN 19-1 plus/PAN 22-1

Scope of supply

- | | |
|--|--|
| 1 x pulling tool for floating bearing, type SN (SAF 4 434 3846 00) | 1 x squeeze sleeve (SAF 4 434 3854 00) |
| 1 x extractor sleeve (SAF 4 434 3838 00) | 1 x holding rod (SAF 4 434 3834 00) |
| 1 x press-in box (SAF 4 434 3833 00) | 1 x receiver plate (SAF 4 434 3840 00) |
| 1 x press-in box adapter (SAF 4 434 3835 00) | 1 x fitting sleeve for gaiter (SAF 4 434 3839 00) |
| 1 x insert with magnet (SAF 4 434 3850 00) | 1 x fitting tool (SAF 4 434 3855 00) |
| 1 x fitting tool with magnet (SAF 4 434 3849 00) | 1 x fitting/extraction sleeve (SAF 4 434 3845 00) |
| 1 x handle (SAF 4 434 3856 00) | 1 x adapter ring (SAF 4 434 3842 00) |
| 1 x press-in sleeve (SAF 4 434 3851 00) | 1 x receiver plate (SAF 4 434 3847 00) |
| 1 x bit SW 8 (SAF 4 434 3826 00) | 1 x thrust piece with hexagon (SAF 4 434 3836 01) |
| 1 x bit SW 10 (SAF 4 434 3827 00) | 1 x nut TR 20 x 2 (SAF 4 434 3841 00) |
| 1 x caulking and pulling tool (SAF 4 434 3832 00) | 1 x thrust piece (SAF 4 434 3890 00) |
| 1 x fitting tool for sheet-metal sleeve (SAF 4 434 3843 00) | 1 x sleeve SBS2220 H0 (SAF 4 434 3889 00) |
| 1 x ring/jaw spanner with insert SW 8/10 (SAF 3 434 3327 00) | 1 x sleeve SBS2220 H0 (SAF 4 434 3884 00) |
| 1 x press-in sleeve (SAF 4 434 3853 00) | 1 x right-handed pulling tool SBS2220 H0 (SAF 4 434 3880 00) |
| 1 x threaded spindle TR 20 x 2 (SAF 4 434 3837 00) | 1 x left-handed pulling tool SBS2220 H0 (SAF 4 434 3887 0) |
| 1 x thrust bearing (SAF 4 434 3848 00) | 1 x assembly clip SBS2220 H0 (SAF 4 434 3885 00) |
| 1 x spindle long/short (SAF 4 434 3858 00) | 1 x press-in box SBS2220 H0 (SAF 4 434 3886 00) |
| 1 x pulling fork (SAF 4 434 3844 00) | 1 x ring SL7/SM7 (SAF 4 434 3893 00) |
| 1 x press-in sleeve (SAF 4 434 3852 00) | |

Version	Order no
37-piece	5034 343 328

Accessories

Description	Order no	Comparative no
Expansion kit for toolbox, disc brake, 7-piece	5034 343 335	SAF 3 4 34 3335 00
Installation tool for rubber bearing bush	5034 343 326	SAF 3 4 34 3326 00
Disc brake Combination ratchet wrench, With insert, Spanner size 8/10 mm	5034 343 327	SAF 3 4 34 3327 00



Wheel hub

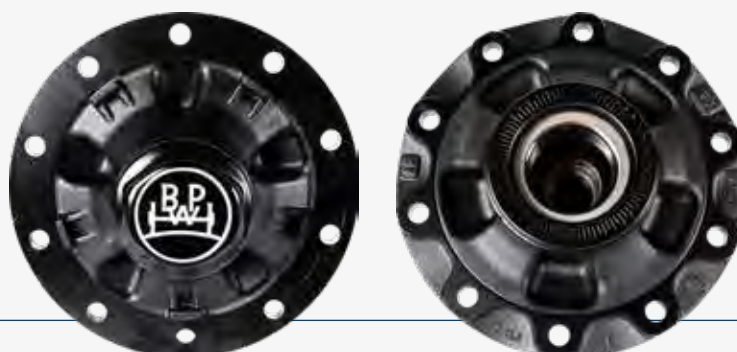
Hole circle \varnothing 335 mm
Wheel bolt \varnothing 22 mm

Scope of supply
Complete with ABS pole wheel

Order no	Comparative no
6098 010 662	BPW 09.801.06.62.2

Accessories

Description	Order no	Comparative no
Wheel hub, single	6032 724 322	BPW 03.272.43.22.2
Tapered roller bearing, Type 33118	6026 410 230	BPW 02.6410.23.00
Wheel hub sealing ring	6031 204 516	BPW 03.120.45.16.0
Shaft sealing ring	6025 664 740	BPW 02.5664.74.00
Axle nut	6052 664 706	BPW 09.266.47.11.0
Axle nut	6052 664 711	BPW 05.266.47.11.0
ABS ring	6053 100 850	BPW 05.310.08.50.1
Wheel-hub cap ECO Plus	6032 122 531	BPW 03.212.25.31.0



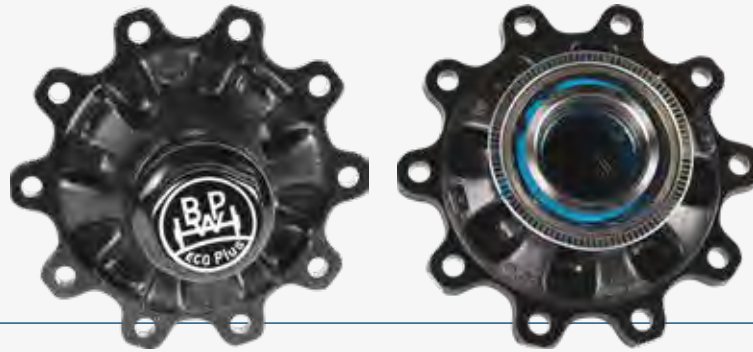
Wheel hub

Scope of supply
Complete with ABS pole wheel

Order no	Comparative no
6098 010 839	BPW 09.801.08.39.0

Accessories

Description	Order no	Comparative no
Wheel hub, single	6032 724 342	BPW 03.272.43.42.0
Tapered roller bearing, Type 33213	6026 410 220	BPW 02.6410.22.00
Cartridge for wheel hub bearing	6031 204 708	BPW 03.120.47.08.0
Shaft sealing ring	6002 566 477	BPW 02.5664.77.00
Axle nut	6052 664 711	BPW 05.266.47.11.0
ABS ring	6033 100 857	BPW 03.310.08.57.0
Wheel-hub cap, with O-ring	6052 122 598	BPW 05.212.25.98.0



Wheel hub

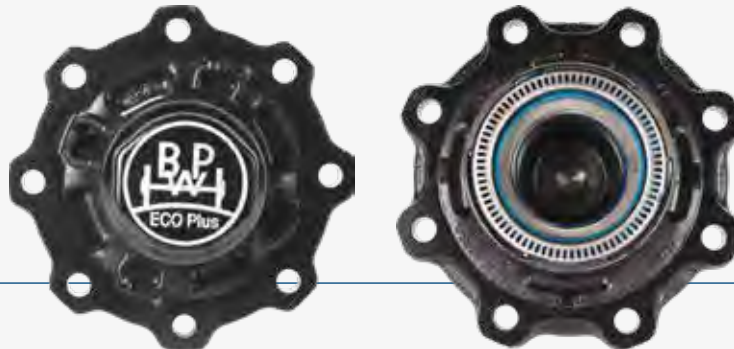
Hole circle \varnothing 335 mm
Wheel bolt \varnothing 22 mm

Scope of supply
Complete with ABS pole wheel

Order no	Comparative no
6098 010 608	BPW 09.801.06.08.2

Accessories

Description	Order no	Comparative no
Wheel hub, single	6032 724 323	BPW 03.272.43.23.2
Tapered roller bearing, Type 33118	6026 410 230	BPW 02.6410.23.00
Wheel hub sealing ring	6031 204 516	BPW 03.120.45.16.0
Shaft sealing ring	6025 664 740	BPW 02.5664.74.00
Axle nut	6052 664 706	BPW 09.266.47.11.0
ABS ring	6053 100 850	BPW 05.310.08.50.1
Wheel-hub cap ECO Plus	6032 122 531	BPW 03.212.25.31.0



Wheel hub

Hole circle \varnothing 275 mm

Scope of supply
Complete with ABS pole wheel

Order no	Comparative no
6098 010 736	BPW 09.801.07.36.0

Accessories

Description	Order no	Comparative no
Wheel hub, single	6032 724 633	BPW 03.272.46.33.0
Tapered roller bearing, Type 33213	6026 410 220	BPW 02.6410.22.00
Shaft sealing ring	6025 664 740	BPW 02.5664.74.00
axle bolt with toothed washer	6090 013 703	BPW 09.001.37.03.0
ABS ring	6033 100 853	BPW 03.310.08.53.0
Wheel-hub cap	6052 122 578	BPW 05.212.25.78.0



(Illustration similar)



Wheel hub

Hole circle \varnothing 225 mmWheel bolt \varnothing 20 mm

Scope of supply

completely assembled with ABS pulse wheel

Order no	Comparative no
6098 010 654	BPW 09.801.06.54.0

Accessories

Description	Order no	Comparative no
Wheel hub, single	6032 722 748	BPW 03.272.27.48.0
Tapered roller bearing, inside	6026 410 240	BPW 02.6410.24.00
Tapered roller bearing, outside	6026 410 250	BPW 02.6410.25.00
Wheel hub sealing ring	6025 681 980	BPW 02.5681.98.00
Axle nut	6032 664 602	BPW 03.266.46.02.0
Wheel-hub cap ECO Plus	6032 122 425	BPW 03.212.24.25.0
ABS ring ECO	6033 100 818	BPW 03.310.08.18.0



Wheel hub

Hole circle \varnothing 275 mmWheel bolt \varnothing 22 mm

Scope of supply

Complete with ABS pole wheel

can only be used in combination with the ECO seal BPW 02.5664171.00

Order no	Comparative no
6098 010 661	BPW 09.801.06.61.2

Accessories

Description	Order no	Comparative no
Wheel hub, single	6032 724 631	BPW 03.272.46.31.2
Tapered roller bearing, Type 33213	6026 410 220	BPW 02.6410.22.00
Tapered roller bearing, Type 33118	6026 410 230	BPW 02.6410.23.00
Wheel hub sealing ring	6031 204 516	BPW 03.120.45.16.0
Shaft sealing ring	6025 664 740	BPW 02.5664.74.00
Axle nut	6052 664 706	BPW 09.266.47.11.0
ABS ring	6053 100 844	BPW 05.310.08.44.1



Wheel hub

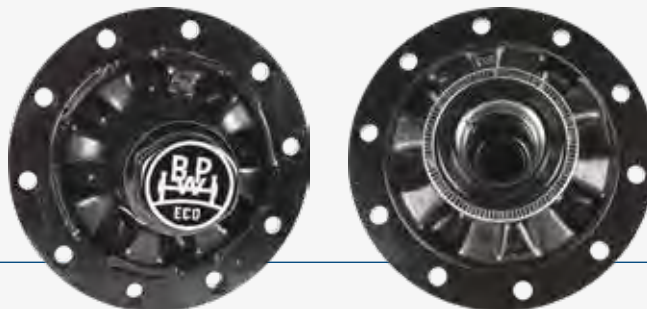
Scope of supply

Complete with ABS pole wheel

Order no	Comparative no
6098 010 606	BPW 09.801.06.06.0

Accessories

Description	Order no	Comparative no
Wheel hub, single	6032 724 312	BPW 03.272.43.12.0
Tapered roller bearing, Type 33213	6026 410 220	BPW 02.6410.22.00
Sealing ring	6031 204 813	BPW 03.120.48.13.0
Axle nut	6032 664 703	BPW 03.266.47.03.0
ABS ring	6053 100 850	BPW 05.310.08.50.1



Wheel hub

Hole circle \varnothing 335 mm

Wheel bolt \varnothing 22 mm

Scope of supply

completely assembled with ABS pulse wheel

Order no	Comparative no
6098 010 603	BPW 09.801.06.03.0

Accessories

Description	Order no	Comparative no
Wheel hub, single	6032 723 087	BPW 03.272.30.87.0
Tapered roller bearing, inside	6026 410 240	BPW 02.6410.24.00
Tapered roller bearing, outside	6026 410 250	BPW 02.6410.25.00
Wheel hub sealing ring	6025 681 980	BPW 02.5681.98.00
Axle nut	6032 664 602	BPW 03.266.46.02.0
Wheel-hub cap ECO Plus	6032 122 425	BPW 03.212.24.25.0
ABS ring ECO	6033 100 815	BPW 03.310.08.15.0



Wheel hub

Integral

Scope of supply

Complete with wheel bearings and seals



Suitable for	Order no	Comparative no
SAF B19-22K01, B19-22W	5033 073 045	SAF 3 307 3045 52

Accessories

Description	Fig.	Order no	Comparative no
Repair kit for wheel bearing	1	5034 343 020	SAF 3 4 34 3020 00
Wheel-hub cap with O-ring	2	5043 040 102	SAF 3 3 04 0102 02



Wheel hub

Scope of supply

Complete with wheel bearings and seals



Suitable for	Order no	Comparative no
SAF B9-22K01	5033 073 056	SAF 3 307 3056 53



Accessories

Description	Fig.	Order no	Comparative no
Repair kit for wheel bearing	1	5034 343 020	SAF 3 434 3020 00
Wheel-hub cap with O-ring	2	5043 040 102	SAF 3 304 0102 02



Wheel hub

Version complete

Scope of supply

Complete with wheel bearings and seals



Suitable for	Order no	Comparative no
SAF S7, Z7/Z9/Z11, ZL9/ZL11	5033 073 046	SAF 3 307 3046 01

Accessories

Description	Order no	Comparative no
Repair kit for wheel bearing	5034 343 020	SAF 3 4 34 3020 00


SAF

Wheel hub

Scope of supply

Complete with wheel bearings and seals

Suitable for	Order no	Comparative no
SAF SKRB 9022/9019 Integral	5033 070 303	SAF 3 307 3030 52



Accessories

Description	Fig.	Order no	Comparative no
Repair kit for wheel bearing	1	5034 343 018	SAF 3 434 3018 00
Wheel-hub cap with O-ring	2	5043 040 102	SAF 3 304 0102 02

SAF

Wheel hub

Scope of supply

Complete with wheel bearings and seals

Suitable for	Order no	Comparative no
SAF S/Z-Serie	5033 073 043	SAF 3 307 3043 52



Accessories

Description	Order no	Comparative no
Repair kit for wheel bearing	5034 343 019	SAF 3 434 3019 00

SAF

Wheel hub

Integral

Scope of supply

Complete with wheel bearings and seals

Suitable for	Order no	Comparative no
SAF S/ZI 9/11	5033 073 051	SAF 3 307 3051 01



Accessories

Description	Order no	Comparative no
Repair kit for wheel bearing	5034 343 022	SAF 3 434 3022 00



Wheel hub

Scope of supply
complete with wheel bearings and seals

Suitable for	Order no	Comparative no
SAF SKRLS, SKRS, SKRZ	5033 073 003	SAF 3 307 3006 51

Accessories

Description	Order no	Comparative no
Repair kit for wheel bearing	5034 343 012	SAF 3 434 3012 00



Wheel hub

Integral

Version complete

Scope of supply
Complete with wheel bearings and seals

Suitable for	Order no	Comparative no
SAF S9/S11, SL9, Z8/Z9/Z11, ZL11	5033 073 050	SAF 3 307 3050 01

Accessories

Description	Order no	Comparative no
Repair kit for wheel bearing	5034 343 019	SAF 3 434 3019 00



Wheel hub

Integral

Type TK335-10L

Scope of supply
Complete with wheel bearings and seals

Suitable for	Order no	Comparative no
SAF SI/ZI 9/11	5033 073 044	SAF 3 307 3044 01

Accessories

Description	Order no	Comparative no
Repair kit for wheel bearing	5034 343 022	SAF 3 434 3022 00





Wheel hub

Scope of supply
Complete with wheel bearings and seals

Suitable for	Order no	Comparative no
SAF SKRB 9019/11019	5033 073 012	SAF 3 307 3012 01

Accessories

Description	Order no	Comparative no
Repair kit for wheel bearing, SK 11242	5034 343 012	SAF 3 434 3012 00



Wheel hub

Scope of supply
Complete with wheel bearings and seals

Suitable for	Order no	Comparative no
SAF SKRZ 6530, SKZLRZ 12030S/12037	5033 072 056	SAF 3 307 2056 00



Wheel hub flange

only in combination with brake disc from 2001

Suitable for	Order no	Comparative no
SAF SKRB9019, 9022K, 9022K07	5011 462 004	SAF 1 1 46 2004 02



Repair kit for wheel bearing

This figure corresponds to 5034 343 650

Suitable for	Order no	Comparative no
SAF Schmitz Cargobull	5034 343 650	SAF 3 434 3650 00
SAF	5034 343 016	SAF 3 434 3016 00
SAF	5034 402 000	SAF 3 434 4020 01
SAF	5034 343 021	SAF 3 434 3021 00



Wheel-hub cap

NFC

- Reading out the axle serial number on the SAF wheel trims for axles with compact bearings from May 2023 with an NFC-enabled smartphone and the free SAF-HOLLAND app „SH Connect“.
- Easy identification of the trailer axle on the hub cap
- quick access to technical documentation via SAF-HOLLAND I.Q. Portal
- Simple and secure identification of spare parts
- Quick access to appropriate maintenance and repair instructions

Suitable for	Application range	Order no	Comparative no
SAF	SAF Tirepilot	5033 040 153	SAF 3 3 04 0153 00
SAF	CD Offroad	5033 040 154	SAF 3 3 04 0154 00
SAF	S(I) Z(I) B(I) Axes	5033 040 152	SAF 3 3 04 0152 00



Wheel-hub cap

Scope of supply
with O-ring and plug

Suitable for	Type	Order no	Comparative no
SAF	SK 9042/11242	5033 040 072	SAF 3 3 04 0072 00
SAF	SNK 420	5033 040 076	SAF 3 3 04 0076 00
SAF	SNK 300/SK 500	5033 040 086	SAF 3 3 04 0086 00



This figure corresponds to 5033 040 076



Axle nut



This figure corresponds to 5010 110 081

Suitable for	Thread	Installation side	Spanner size	Order no	Comparative no
SAF	M56 x 2	right	85 mm	5010 110 039	SAF 4 011 0039 01
SAF	M56 x 2	right	85 mm	5020 110 040	SAF 1 011 0040 02
SAF	M72 x 1,5	left	85 mm	5010 110 081	SAF 1 011 0087 00
SAF	M72 x 1,5	right	85 mm	5010 110 080	SAF 1 011 0088 00
SAF	M75 x 1,5	left	85 mm	5010 110 085	SAF 1 011 0085 00
SAF	M75 x 1,5	right	85 mm	5010 110 086	SAF 1 011 0086 00
SAF	M120 x 2	left	140 mm	5010 110 071	SAF 1 011 0071 01
SAF	M120 x 2	right	140 mm	5010 110 070	SAF 1 011 0070 01



Retrofit set

Trailer Base Kit, for Tire Pilot

preset to 9.1 bar

Application range

SAF axles

Scope of supply

Control unit with pressure booster, warning lamp, sticker - warning lamp function, operating instructions

Suitable for	Order no	Comparative no
Axle kit SAF	5030 010 184	SAF 3 001 0184 03



Axle kit
for Tire Pilot

Application range

SAF axles

Suitable for	Fig.	Order no	Comparative no
B/Bl axis, Press-in depth 120 mm	1	5030 010 186	SAF 3 001 0186 01
S/SI axis, Press-in depth 0 mm	2	5030 010 187	SAF 3 001 0187 00
Z/ZI axis	3	5030 010 189	SAF 3 001 0189 00

Service parts/accessories

for SAF Tire Pilot Axle Kit

Description	Suitable for	Order no	Comparative no
Stator tube, short		5043 821 007	SAF 4 382 1007 00
Rotor	Single tyres	5044 240 214	SAF 4 424 0214 00
Rotor	Twin tyres	5044 240 208	SAF 4 242 0208 00
Wheel-hub cap set for Tire Pilot	Axes S/Z/ZI/Bl	5033 040 109	SAF 3 304 0109 01
		5044 240 221	SAF 4 424 0221 00
Connecting line, straight	Single tyres	5044 242 034	SAF 4 424 2034 00
Connecting line, 90°	Single tyres	5044 242 035	SAF 4 424 2035 01
Connecting line, 180°	Twin tyres	5044 242 036	SAF 4 424 2036 00



Wheel hub

Outer \varnothing 382 mm
 Inner \varnothing 82 mm
 Height 225 mm
 Number of holes 10
 Wheel bolt \varnothing 22 mm

Application range

Trailer axles Mercedes-Benz/Jost

Scope of supply

With wheel bearing, without wheel bolts



Order no	Comparative no
8002 590 300	SKF VKHC 5903 Jost JAE 02 503 028 01 Mercedes-Benz 000 350 23 35



Service parts

Description	Order no	Comparative no
Wheel bearing set	8001 555 200	SKF VKBA 5552



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Air spring

Suitable for	Type	Version	Outer \varnothing	Air connector	Piston height	Fig.	Order no	Comparative no
BPW	30 K	with plastic piston	300 mm	M18 x 1,5	135 mm	1	6054 294 324	BPW 05.429.43.24.0
BPW	30	with plastic piston	300 mm	M22 x 1,5	180 mm	2	6054 294 329	BPW 05.429.43.29.0
BPW	30 K	with plastic piston	300 mm	M22 x 1,5	135 mm	3	6054 294 219	BPW 05.429.43.21.0
BPW	30 K	with plastic piston	300 mm	M20 x 1,5	180 mm	4	6054 294 323	BPW 05.429.43.23.0
BPW	30	with plastic piston	300 mm	M22 x 1,5	180 mm	5	6054 294 218	BPW 05.429.43.20.0
BPW	30 K	with steel piston	300 mm	M22 x 1,5	136 mm	6	6054 294 205	BPW 05.429.42.05.1
BPW	30 K	with plastic piston and central screw mounting	300 mm	M22 x 1,5	139 mm	-	6054 294 386	BPW 05.429.43.91.0
BPW	30	with central screw mounting	300 mm	M22 x 1,5	180 mm	-	6054 294 385	BPW 05.429.43.90.0
BPW	30 K	with steel piston, without support	300 mm	M22 x 1,5	128 mm	-	6054 294 269	BPW 05.429.42.69.1
BPW	36	with plastic piston	360 mm	M22 x 1,5	180 mm	7	6054 294 351	BPW 05.429.43.51.0
BPW	36 K	with plastic piston	360 mm	M22 x 1,5	135 mm	8	6054 294 341	BPW 05.429.43.41.0
BPW	30 K	with plastic rolling piston	360 mm	M22 x 1,5	180 mm	-	6054 294 322	BPW 05.429.43.22.0
BPW	36-1	with steel piston	360 mm	M22 x 1,5	215 mm	9	6054 294 058	BPW 05.429.41.69.0
BPW	36-2	with steel piston	360 mm	M22 x 1,5	305 mm	10	6054 294 185	BPW 05.429.41.85.0
BPW	36-2	with steel piston	360 mm	M22 x 1,5	305 mm	11	6054 294 186	BPW 05.429.41.86.0
BPW	36-5	with steel piston	360 mm	M22 x 1,5	262 mm	-	6054 294 244	BPW 05.429.42.44.0



Air spring

Suitable for	Type	Version	Outer \varnothing	Air connector	Piston height	Fig.	Order no	Comparative no
SAF	SAF 2619 V	with plastic piston	290 mm	M22 x 1,5	151 mm	1	5032 290 033	SAF 3 229 0033 00
SAF	SAF 2929 V	with plastic piston	350 mm	M22 x 1,5	140 mm	2	5032 290 042	SAF 3 229 0042 00
SAF	SAF 2626 V	with plastic piston	300 mm	M22 x 1,5	221 mm	3	5032 290 039	SAF 3 229 0039 00
SAF	SAF 2924 V	with plastic piston	350 mm	M22 x 1,5	178 mm	4	5032 290 041	SAF 3 229 0041 00
SAF	SAF 2618 V	with plastic piston	300 mm	M22 x 1,5	141 mm	6	5032 290 029	SAF 3 229 0029 00
SAF	SAF 2923 VK	with steel piston	320 mm	M22 x 1,5	178 mm	7	5032 290 031	SAF 3 229 0031 00
SAF	SAF 2621 V	with plastic piston	300 mm	M22 x 1,5	171 mm	8	5032 290 038	SAF 3 229 0038 00
SAF	SAF 2918 V	with plastic piston	335 mm	M22 x 1,5	140 mm	9	5032 290 027	SAF 3 229 0027 00
SAF	SAF 2619IL	with plastic piston	300 mm	M22 x 1,5	151 mm	10	5003 228 104	SAF 3 228 1043 00
SAF	SAF 2927 V	with plastic piston	330 mm	M22 x 1,5	217 mm	11	5032 290 047	SAF 3 229 0047 00
SAF	SAF 3138	with plastic piston	390 mm	M22 x 1,5	337 mm	12	5032 280 023	SAF 3 228 0049 00
SAF	SAF 3138	with plastic piston	390 mm	M22 x 1,5	337 mm	13	5032 280 022	SAF 3 228 0048 00
SAF	SAF 2922 V	with steel piston	350 mm	M22 x 1,5	180 mm	14	5032 290 036	SAF 3 229 0036 00
SAF	SAF 2926 V	with steel piston	330/340 mm	M22 x 1,5	216 mm	15	5032 290 030	SAF 3 229 0030 00
SAF	SAF 2923	with steel piston	290 mm	M22 x 1,5	182 mm	16	5022 292 103	SAF 2 229 0003 00
SAF	SAF 2923 VK	with plastic piston	350 mm	M22 x 1,5		17	5032 290 028	SAF 3 229 0028 00
SAF	SAF 2918	with steel piston	350 mm	M22 x 1,5		18	5022 292 102	SAF 2 229 0002 00



Air spring

Suitable for	Type	Version	Outer \varnothing	Air connector	Piston height	Fig.	Order no	Comparative no
BPW	30 K	with plastic piston	300 mm	M22 x 1,5	146 mm	1	6165 305 432	BPW 05.429.43.21.0
BPW	30	with plastic piston	300 mm	M22 x 1,5	191 mm	2	6165 305 431	BPW 05.429.43.20.0
BPW	36 K	with plastic piston	360 mm	M22 x 1,5	150 mm	3	6165 305 452	BPW 05.429.43.41.0
BPW	36-1	with steel piston	360 mm	M22 x 1,5	215 mm	4	6165 305 270	BPW 05.429.41.69.0
BPW	36	with plastic piston	360 mm	M22 x 1,5	197 mm	5	6165 305 462	BPW 05.429.43.51.0
BPW	30 K	with plastic piston	300 mm	M20 x 1,5	146 mm	6	6165 305 434	BPW 05.429.43.23.0
BPW	30 K	with plastic piston	300 mm	M22 x 1,5	146 mm	7	6165 305 438	BPW 05.429.43.27.0
BPW	36-2	Complete with steel piston	360 mm	M22 x 1,5	304 mm	8	6165 305 296	BPW 05.429.41.85.0
BPW	36-2	Complete with steel piston	360 mm	M22 x 1,5	304 mm	9	6165 305 297	BPW 05.429.41.86.0
BPW	30 K	with plastic piston	300 mm	M18 x 1,5	146 mm	10	6165 305 435	BPW 05.429.43.24.0
BPW	36-5	with steel piston	360 mm	M22 x 1,5	262 mm	11	6165 305 355	BPW 05.429.42.44.0
BPW	30	with steel piston	282 mm	M18 x 1,5	194 mm	12	6165 305 436	BPW 05.429.43.25.0
BPW	30	with plastic piston	300 mm	M22 x 1,5	195 mm	13	6165 305 496	BPW 05.429.43.85.0
BPW	30 K	with plastic piston and central screw connection	300 mm	M22 x 1,5	151 mm	14	6165 305 497	BPW 05.429.43.86.0

One Family - One Solution





**EURO
PART**

Air spring

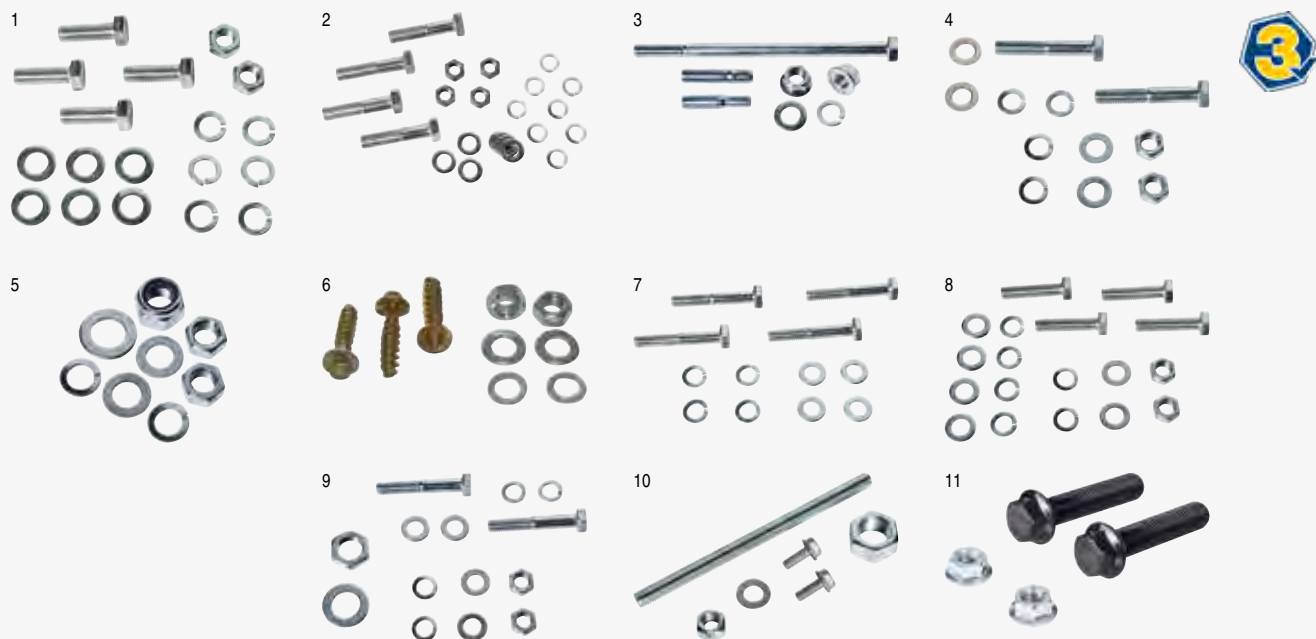
Suitable for	Version	Outer \varnothing	Air connector	Piston height	Fig.	Order no	Comparative no
SAF	with plastic piston	291 mm	M22 x 1,5	141 mm	1	5043 303 230	SAF 3 229 0029 00
SAF	with plastic piston	300 mm	M22 x 1.5	220 mm	2	5043 301 140	SAF 3 229 0039 00
SAF	with plastic piston	310 mm	M22 x 1.5	170 mm	3	5043 301 149	SAF 3 229 0038 00
SAF	with plastic piston	350 mm	M22 x 1,5	140 mm	4	5043 301 153	SAF 3 229 0042 00
SAF	with plastic piston	340 mm	M22 x 1,5	216 mm	5	5043 301 158	SAF 3 229 0047 00
SAF	with plastic piston	350 mm	M22 x 1,5	178 mm	6	5043 301 152	SAF 3 229 0041 00
SAF	with steel piston	350 mm	M22 x 1.5	178 mm	7	5043 301 142	SAF 3 229 0031 00
SAF	with steel piston	340 mm	M22 x 1,5	140 mm	8	5043 301 138	SAF 3 229 0027 00
SAF	with plate, without piston	365 mm	M22 x 1.5		9	1788 313 801	SAF 3 228 0019 00



**EURO
PART**

Air spring

Suitable for	Version	Outer \varnothing	Air connector	Piston height	Fig.	Order no	Comparative no
Schmitz Cargobull	with plastic piston	315 mm	M22 x 1.5 / M12 x 1.5	170 mm	1	7770 165 120	Schmitz 016512
Schmitz Cargobull	with plastic piston	295 mm	M22 x 1.5/M12 x 1.5	171 mm	2	1788 375 396	Schmitz 1375396
Schmitz Cargobull	with steel piston	330 mm	M22 x 1.5	178 mm	3	1788 283 001	Schmitz 017924
Schmitz Cargobull	with steel piston	360 mm	M22 x 1.5	178 mm	4	1722 012 805	Schmitz 017685
Schmitz Cargobull	double bellows, with plate	270 mm	G1/4		5	1788 586 910	Schmitz 016793
Gigant	with plastic piston	300 mm	M22 x 1.5	120 mm	6	1723 012 005	Gigant 709377003



Screw set for air spring

Suitable for	Fig.	Order no	Comparative no
SAF	1	1722 052 726	Phoenix K001
SAF	2	1722 052 727	Phoenix K002
Schmitz Cargobull	3	1722 052 734	Phoenix K009
Schmitz Cargobull	4	1722 052 736	Phoenix K011
SAF	5	1722 052 738	Phoenix K013
SAF	6	1722 052 739	Phoenix K014
Bellows 1/4", M10	7	1722 052 748	Phoenix K023
Schmitz Cargobull	8	1722 052 753	Phoenix K028
SAF	9	1722 052 755	Phoenix K030
Schmitz Cargobull	10	1722 084 958	Phoenix K037
BPW	11	1723 052 754	Phoenix K029

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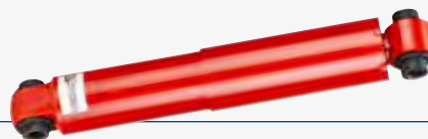
Shock absorber

This figure corresponds to 6023 722 830

Version oil pressure, twin-tube system

Suitable for	Length	Order no	Comparative no
BPW	292-432 mm	6023 722 890	BPW 02.3722.89.02
BPW	326-496 mm	6023 722 830	BPW 02.3722.83.02
BPW	351-541 mm	6023 722 880	BPW 02.3722.88.02
BPW	287-412 mm	6023 722 790	BPW 02.3722.79.02

Suitable for	Length	Order no	Comparative no
BPW	466-766 mm	6023 702 670	BPW 02.3702.67.02
BPW	426-696 mm	6023 702 200	BPW 02.3702.20.02
BPW	536-906 mm	6023 722 620	BPW 02.3722.62.02



Shock absorber

This figure corresponds to 5036 008 600

Version oil pressure, twin-tube system

Fastening eye/eye

Suitable for	Length	Order no	Comparative no
SAF	318-438 mm	5023 760 071	SAF 2 376 0071 52
SAF	280-410 mm	5023 760 070	SAF 2 376 0070 52
SAF	340-530 mm	5023 760 072	SAF 2 376 0072 52
SAF	300-460 mm	5023 760 073	SAF 2 376 0073 52
SAF	292-432 mm	5023 760 027	SAF 2 376 0027 50

Suitable for	Length	Order no	Comparative no
SAF	415-655 mm	5023 761 013	SAF 2 376 1013 51
SAF	350-540 mm	5023 760 031	SAF 2 376 0031 50
SAF	325-495 mm	5023 760 026	SAF 2 376 0026 50
SAF	314-474 mm	5123 760 010	SAF 2 376 0010 52
SAF	335-532 mm	5036 008 600	SAF 2 376 0086 50



Shock absorber

This figure corresponds to 6123 722 880

Version oil pressure, twin-tube system

Fastening eye/eye

Suitable for	Mounting hole dia.	Length	Order no	Comparative no
BPW SAF Schmitz Cargobull	24 mm	334-495 mm	6123 722 830	BPW 02.3722.83.02
BPW SAF	24 mm	298-432 mm	6123 722 890	BPW 02.3722.89.02
BPW SAF Schmitz Cargobull	24 mm	353-542 mm	6123 722 880	BPW 02.3722.88.02
Schmitz Cargobull	16 mm	275-385 mm	9588 912 755	Schmitz 016508
SAF	20 mm	292-414 mm	9200 007 001	SAF 2 376 0070 52
BPW	24 mm	433-694 mm	6134 813 311	BPW 02.3702.20.02
SAF	20 mm	315-455 mm	5123 760 071	SAF 2 376 0071 52
SAF	20 mm	352-532 mm	9200 007 201	SAF 2 376 0072 52
SAF	24 mm	328-479 mm	5034 871 120	SAF 2 376 0010 50
SAF	20 mm	324-478 mm	5034 871 122	SAF 2 376 0010 52
BPW SAF	24 mm	467-765 mm	6134 813 780	SAF 2 376 0019 00
SAF Schmitz Cargobull	20 mm	327-482 mm	9200 186 760	Schmitz 016436
SAF	24 mm	433-698 mm	9203 764 032	SAF 2 376 4032 50
BPW	24 mm	485-800 mm	6134 813 712	BPW 02.3702.60.02
SAF	24 mm	321-476 mm	5123 760 030	SAF 2 376 0030 50
BPW	24 mm	483-800 mm	6134 813 292	BPW 02.3702.18.02
Schmitz Cargobull	16 mm	267-385 mm	7772 008 054	Schmitz 1093977
SAF	20 mm	305-458 mm	1331 509 033	SAF 2 379 0073 52



Pitman spring

Version cranked
 Number of leaves 1
 Width 70 mm
 Length at front 500/380 mm

This figure corresponds to 6005 082 138

Bushing front	Thickness	Type	Order no	Comparative no
24 mm	56 mm	1	6005 082 138	BPW 05.082.13.89.2
24 mm	62 mm	2	6000 821 395	BPW 05.082.13.95.2
30 mm	56 mm	3	6050 821 388	BPW 05.082.13.88.0



Accessories

Description	Suitable for	Order no	Comparative no
Bearing bush for leaf spring, Outer \varnothing 60 mm, Inner \varnothing 24,2 mm, Length 72 mm, rubber/metal	Type 1, 2	6020 314 240	BPW 02.0314.24.00
Bearing bush for leaf spring, Outer \varnothing 60 mm, Inner \varnothing 30,1 mm, Length 72 mm, steel/rubber/steel	Type 3	6020 315 980	BPW 02.0315.98.00



Bearing bush for leaf spring

This figure corresponds to 6020 316 900

Suitable for	Outer \varnothing	Inner \varnothing	Length	Order no	Comparative no
BPW	57 mm	30,1 mm	102 mm	6020 316 900	BPW 02.0316.90.00
BPW	60 mm	30,1 mm	102 mm	6020 316 060	BPW 02.0316.06.00
BPW	64 mm	35 mm	56 mm	6051 139 204	BPW 05.113.92.04.0
BPW	60 mm	30 mm	68 mm	6051 139 605	BPW 05.113.96.05.0
BPW	60 mm	24,2 mm	72 mm	6020 314 240	BPW 02.0314.24.00
BPW	60 mm	30,1 mm	72 mm	6020 315 980	BPW 02.0315.98.00



Spring pin repair set

Scope of supply
complete

This figure corresponds to 6098 010 719

Suitable for	Thread	Length	Order no	Comparative no
BPW	M24	171 mm	6098 010 812	BPW 09.801.08.12.0
BPW	M24	166 mm	6098 010 738	BPW 09.801.07.38.0
BPW	M30	170 mm	6098 010 719	BPW 09.801.07.19.0



Spring pin repair set

Scope of supply
without bearing bush

This figure corresponds to 6058 570 018

Suitable for	Thread	Length	contained in	Order no	Comparative no
BPW	M24 x 2	166 mm	6098 010 738	6058 570 028	BPW 05.857.00.28.0
BPW	M30 x 3,5	170 mm	6098 010 812	6058 570 018	BPW 05.857.00.18.0



Parabolic leaf spring

Number of leaves 2
Bushing front 30/68 mm
Length at rear 425 mm
Thickness 90 mm

This figure corresponds to 5031 551 035

Form	Crank	Length at front/rear	Order no	Comparative no
50	0 mm	500 mm	5031 551 048	SAF 3 155 1048 00
	24 mm	517 mm	5031 551 035	SAF 3 155 1035 01



Pitman spring

This figure corresponds to 1088 156 400

Suitable for	Number of leaves	Form	Crank	Bushing front	Length at front	Thickness	Order no	Comparative no
BPW	1	61	0 mm	30/57 mm	578/295 mm	48 mm	1088 133 900	BPW 05.082.12.92.0
BPW	1	61	0 mm	30/57 mm	500/355-380 mm	51 mm	1188 135 900	BPW 05.082.13.18.0
BPW	1	62	30 mm	30/60 mm	575/365 mm	56 mm	1088 156 500	BPW 05.082.13.89.0
BPW	1	62	110 mm	30/60 mm	575/365 mm	56 mm	1088 156 400	BPW 05.082.13.88.0
BPW	2	51	150 mm	30/57 mm	500/465 mm	82 mm	1088 138 600	BPW 05.082.12.64.0



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Shackle

Suitable for	Thread	Length	Width	Order no	Comparative no
BPW	M22	240 mm	150 mm	6031 383 709	BPW 03.138.37.09.4
BPW	M22	256 mm	150 mm	6031 383 705	BPW 03.138.37.05.4
BPW	M22	262 mm	150 mm	6031 383 717	BPW 03.138.37.17.4
BPW	M22	280 mm	92 mm	6031 383 007	BPW 03.138.30.07.4
BPW	M22	289 mm	150 mm	6031 383 702	BPW 03.138.37.02.4
BPW	M22	289 mm	150 mm	6031 383 710	BPW 03.138.37.10.4
BPW	M22	295 mm	150 mm	6031 383 712	BPW 03.138.37.12.4
BPW	M24	277 mm	152 mm	6031 384 138	BPW 03.138.41.38.4
BPW	M24	280 mm	152 mm	6031 384 119	BPW 03.138.41.19.4
BPW	M24	285 mm	152 mm	6031 384 133	BPW 03.138.41.33.4
BPW	M24	300 mm	152 mm	6031 384 134	BPW 03.138.41.34.4
BPW	M24	308 mm	125 mm	6313 844 094	BPW 03.138.44.09.4
BPW	M24	320 mm	125 mm	6313 844 153	BPW 03.138.44.15.4
BPW	M24	320 mm	152 mm	6313 841 084	BPW 03.138.41.08.4
BPW	M24	325 mm	152 mm	6031 384 135	BPW 03.138.41.35.4
BPW	M24	330 mm	152 mm	6031 384 126	BPW 03.138.41.26.4
BPW	M22	295 mm	92 mm	6031 383 008	BPW 03.138.30.08.4



This figure corresponds to 6031 383 702



Shackle kit

Thread M22 x 1,5

Scope of supply
with 1 x bracket, 2 x washer, 2 x nut

Suitable for	Length	Width	Order no	Comparative no
SAF	285,5 mm	169 mm	5034 010 064	SAF 3 401 0064 00
SAF	304 mm	149 mm	5034 010 072	SAF 3 401 0072 00
SAF	307 mm	157 mm	5034 010 069	SAF 3 401 0069 00
SAF	321,5 mm	169 mm	5034 010 065	SAF 3 401 0065 00
SAF	321,5 mm	157 mm	5034 010 091	SAF 3 401 0091 00



This figure corresponds to 5034 010 064



Shackle

Suitable for	Thread	Length	Width	Order no	Comparative no
BPW	M22	240 mm	150 mm	6142 494 828	BPW 03.138.37.17.4
BPW	M22	280 mm	92 mm	6142 494 118	BPW 03.138.30.07.4
BPW	M22	290 mm	150 mm	6142 494 813	BPW 03.138.37.02.4
BPW	M22	295 mm	150 mm	6142 494 821	BPW 03.138.37.10.4
BPW	M24	308 mm	101 mm	6142 495 510	BPW 03.138.44.09.4
BPW	M24	331 mm	125 mm	6142 495 513	BPW 03.138.44.02.4
BPW	M24	280 mm	125 mm	6242 495 527	BPW 03.138.44.16.4
BPW	M24	300 mm	128 mm	6142 495 224	BPW 03.138.41.13.4
BPW	M24	320 mm	152 mm	6142 495 219	BPW 03.138.41.08.4
BPW	M24	356 mm	125 mm	6142 495 512	BPW 03.138.44.01.4



This figure corresponds to 6242 495 527



Truck wheel

Number of holes 10

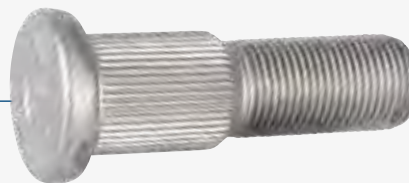
Scope of supply
With valve

Version	Press-in depth	Size	Hole circle \varnothing	Central hole \varnothing	Fig.	Order no
Bolt and centre centred (BMZ), external valve (ALV)	0 mm	22.5 x 11.75	335 mm	281 mm	1	8611 220 701
Centre-centred (MZ), external valve (ALV)	120 mm	22.5 x 11.75	335 mm	281 mm	2	8611 292 399
Centre-centred (MZ), internal valve (ILV)	129 mm	17.5 x 6.75	225 mm	176 mm	3	8601 858 501
Centre-centred (MZ), external valve (ALV)	120 mm	19.5 x 14.00	335 mm	281 mm	-	8601 190 902
Centre-centred (MZ), external valve (ALV)	135 mm	22.5 x 11.75	335 mm	281 mm	4	8601 292 367
Centred (C), external valve (EV)	156 mm	22.5 x 8.25	335 mm	281 mm	5	8601 220 404



Wheel bolt

Version Checker bolt



Suitable for	Thread	Length	Order no	Comparative no
BPW	M18 x 1,5	64 mm	6032 960 120	BPW 03.296.01.20.1
BPW	M18 x 1,5	85 mm	6032 960 121	BPW 03.296.01.21.1
BPW	M18 x 1,5	70 mm	6032 960 122	BPW 03.296.01.22.1
BPW	M20 x 1,5	83 mm	6032 960 205	BPW 03.296.02.05.0
BPW	M22 x 1,5	112 mm	6032 962 317	BPW 03.296.23.17.0



Wheel bolt

Version Spiral bolt



Suitable for	Thread	Length	Order no	Comparative no
BPW	M22 x 1,5	93,6 mm	2112 633 211	BPW 03.296.33.21.1
BPW	M22 x 1,5	80 mm	6032 963 311	BPW 03.296.33.11.1
BPW	M22 x 1,5	97 mm	6032 963 312	BPW 03.296.33.12.1
BPW	M22 x 1,5	89 mm	6032 963 314	BPW 03.296.33.14.1



Wheel bolt group

Scope of supply complete



This figure corresponds to 6098 063 368

Suitable for	Version	Thread	Length	Order no	Comparative no
BPW	spherical collar stud	M18 x 1,5/M20 x 1,5	97 mm	6098 061 111	BPW 09.806.11.11.0
BPW	spherical collar stud	M22 x 1,5	89 mm	6098 063 358	BPW 09.806.33.11.0
BPW	coiled wheel bolt	M22 x 1,5	97 mm	6098 063 368	BPW 09.806.33.68.0
BPW	coiled wheel bolt	M22 x 1,5	97 mm	6032 960 128	BPW 09.806.33.69.0
BPW	Collar bolt	M22 x 1,5/M22 x 2	114 mm	6098 062 322	BPW 09.806.23.22.0



Wheel nut

Spanner size 32 mm



Suitable for	Thread	Height	Version	Order no	Comparative no
BPW	M22 x 1,5	26,1 mm	for aluminium/steel rim	6052 605 410	BPW 05.260.54.10.0
BPW	M22 x 1,5	39 mm	for aluminium rim	6052 605 421	BPW 05.260.54.21.1
BPW	M22 x 1,5	49,75 mm	for aluminium rim	6052 605 419	BPW 05.260.54.19.0
BPW	M22 x 1,5	62 mm	for aluminium rim	6052 605 414	BPW 05.260.54.14.1
BPW	M22 x 2	17 mm	for steel rim	6032 600 406	BPW 03.260.04.06.0

* for rear mounting



Bushing

Application range

Wheel nut

Suitable for	Outer \varnothing	Inner \varnothing	Order no	Comparative no
BPW	17 mm	14 mm	6031 120 034	BPW 03.112.00.34.0
BPW	25 mm	22 mm	6031 120 042	BPW 03.112.00.42.0
BPW	25 mm	22 mm	6031 120 043	BPW 03.112.00.43.0



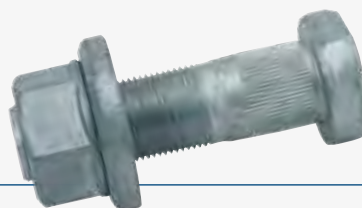
Ring

Application range

Wheel nut

This figure corresponds to 6033 101 028

Version	Outer \varnothing	Inner \varnothing	Thickness	Material	Surface	Order no	Comparative no
for guide sleeve	31 mm	24 mm	3,5 mm	spring steel		6033 107 015	BPW 03.310.70.15.0
for spring plate with ball countersink	34 mm	23 mm	7,5 mm	Steel	Geomet coated	6033 101 028	BPW 03.310.10.28.0



Wheel bolt set

Thread M22 x 1,5

Application range

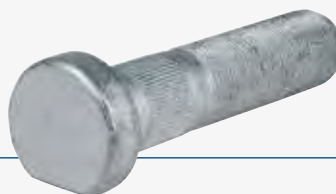
for aluminium wheels with middle centering

Scope of supply

with wheel nut

This figure corresponds to 5033 021 157

Suitable for	Length	Order no	Comparative no
SAF	68 mm	5013 031 118	SAF 3 302 1156 00
SAF	78 mm	5033 021 157	SAF 3 302 1157 00
SAF	83 mm	5033 021 078	SAF 3 302 1078 00
SAF	93 mm	5033 021 076	SAF 3 302 1076 00



Wheel bolt

Thread M22 x 1,5

This figure corresponds to 5013 031 075

Suitable for	Length	Surface	Order no	Comparative no
SAF	76 mm	dacrotized	5013 031 120	SAF 1 303 1120 10
SAF	93 mm	phosphated	5013 031 075	SAF 1 303 1075 12



Membrane brake cylinder

Distance betw. holes 120,7 mm

Type	∅	Height	Order no	Comparative no
36	202 mm	147 mm	6054 441 037	BPW 05.444.10.37.0
36	202 mm	150 mm	6054 441 041	BPW 05.444.10.41.0
44	222 mm	165 mm	6054 441 038	BPW 05.444.10.44.0



This figure corresponds to 6054 441 037

Accessories

Comparative no	Order no	Comparative no
Membrane, Type 36	6030 011 477	BPW 03.001.14.77.0



Lever

for two-sided lift

Order no	Comparative no
6051 904 412	BPW 05.190.44.12.0



Repair kit

Moulded part

Suitable for	Order no	Comparative no
2-side axle lift H=60	6098 010 813	BPW 09.801.08.13.0
2-side axle lift H=130	6098 010 824	BPW 09.801.08.24.0



Rubber buffer

Dimensions	Order no	Comparative no
∅ 80 mm, M12	6023 506 020	BPW 02.3506.02.00
90 x 60 x 25 mm	6023 506 060	BPW 02.3506.06.00
80 x 61 x 70 mm	2115 060 700	BPW 02.3506.07.00



This figure corresponds to 6023 506 020



Axle lift set

for INTRA air suspension series steel retaining blocks

Installation side left/right

Order no	Comparative no
5030 271 242	SAF 3 027 1242 01

Accessories

Description	Fig.	Order no	Comparative no
Lift arm	1	5022 390 036	SAF 2 239 0036 00
Air spring bellow for tag axle	2	5042 291 005	SAF 4 229 1005 01



Air spring bellow

for lift axle

Suitable for	Order no	Comparative no
SAF	5042 291 004	SAF 4 229 1004 00



Air spring

Version double bellows, with plate
 Outer Ø 225 mm
 Height 210 mm
 Stroke 165 mm

matching screw set K023

Suitable for	Order no	Comparative no
SAF	5053 302 115	SAF 4 229 1004 00



Air spring

Version double bellows, with plate
 Air connector M12 x 1,5
 Outer Ø 265 mm
 Height 256 mm
 Stroke 200 mm

upper attachment: 2 x M10, lower attachment: 2 x M10

matching screw set K023

Suitable for	Order no	Comparative no
SAF	5053 302 116	SAF 4 229 1005 01





Pneumatic components and accessories

Modulators, ABS control units and accessories	78 – 83
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WABCO**EBS trailer modulator**

in exchange

Voltage 24 V

Model	Order no	Comparative no
TEBS-E Premium	3800 480 102	WABCO 480 102 060 R
TEBS-D/RSS Premium - 4S/3M	3800 102 014	WABCO 480 102 014 R
TEBS-E Standard	3803 102 030	WABCO 480 102 030 R
Elex supplementary set	3801 220 700	WABCO 446 122 070 0



Resource-efficient through remanufacturing

KNORR-BREMSE**EBS-trailer control module**

in exchange

Version TEBS G2

Type number	Order no	Comparative no
ES2060	3403 190 450	Knorr K019319V06N50
ES2090	3401 257 845	Knorr K055369V04N50



Resource-efficient

This figure corresponds to 3403 190 450

KNORR-BREMSE**EBS trailer modulator**EconX[®], Reman

Type number	Order no	Comparative no
TEBS4	3403 978 250	Knorr I139782X50
ES2071	3402 790 002	Knorr K027900V02N00



Resource-efficient through remanufacturing

This figure corresponds to 3403 978 250

KNORR-BREMSE**EBS trailer modulator**

in exchange

Voltage 24 V

Type number ES2060

Scope of supply

without screw connection

Order no	Comparative no
3400 590 250	Knorr K019359V02N50

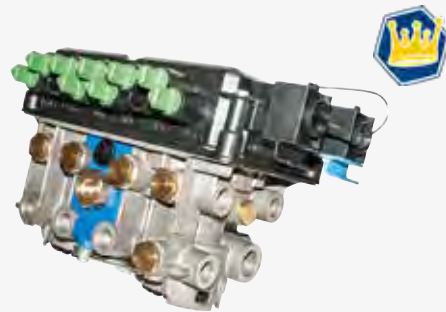


Resource-efficient



EBS trailer modulator

System EB+ Gen3 - 2S (4S)/2M
Version with 2-way and quick exhaust valve



Order no	Comparative no
7300 820 001	Haldex 950 823 008



EBS kit 2M, EB+ Gen3

Standard, sensor 2S or 4S, with 2-way valve and quick release valve, with Stability and Super Aux, 5 Aux, without screw connection



Order no	Comparative no
3970 950 823	Haldex 950823IC



EBS connection cable

Material PVC Voltage 24 V

Application range
for auxiliary connection
for COLAS®/ILAS®-E, DIN 72585



Length	Order no	Comparative no
5000 mm	3970 800 485	Haldex 814012241
7000 mm	3970 800 481	Haldex 814012201

This figure corresponds to 3970 800 485



Coupling cable With socket

Version pins x7 + CAN bus ISO 11993, not fused
Colour blue
Cable length 12 m
Material PVC
Suitable for power supply ISO 7638



Order no	Comparative no
3700 000 401	Haldex 814 003 102

WABCO

ABS axle modulator

Model	Order no	Comparative no
VCS II Elektronik, Premium 4S/2M (3M), in exchange	3800 029 013	WABCO 400 500 081 7
VCS II Elektronik, Premium 4S/2M (3M), in exchange	3800 029 014	WABCO 400 500 070 7



Resource-efficient

This figure corresponds to 3800 029 014

WABCO

ABS axle modulator

Model	Order no	Comparative no
VCS II electronics, standard 2S/2M	0765 000 700	WABCO 400 500 070 0
Premium 4S/2M (3M), VCS II Electronics	0765 000 820	WABCO 400 500 082 0



This figure corresponds to 0765 000 700

WABCO

Conversion kit from Vario C to VCS II

Version with axis modulator

Order no	Comparative no
0761 059 262	WABCO 446 105 926 2



Haldex

Display unit Info Centre 2

This is mounted on the side of the trailer. For reading out the odometer and fault codes as well as further information available in the ECU-ABS electronics. Is supplied via the ABS diagnosis connection of the ABS cabling. Large LCD screen with sharp, high-contrast display and three control keys. After the vehicle has stopped, red LED warning lights signal for 10 minutes if a fault is present.

Scope of supply without cable

Order no	Comparative no
3781 501 101	Haldex 815041001



WABCO

ABS relay valve in exchange

Connection electric, bayonet (DIN)
 Connection thread 1/2: M22 x 1,5
 4: M16 x 1,5
 Operating pressure max. 10 bar
 Voltage 24 V
 Protection class IP68



Resource-efficient

Order no	Comparative no
0371 950 310	WABCO 472 195 031 7
0371 950 407	WABCO 472 195 041 7

This figure corresponds to 0371 950 310

WABCO

Speed sensor set for ABS

Scope of supply
with grease and clamp bush



Type	Length	Order no	Comparative no
S plus	400 mm	0210 329 212	WABCO 441 032 921 2
S plus	350 mm	0210 329 632	WABCO 441 032 963 2
	1000 mm	0210 329 222	WABCO 441 032 922 2

This figure corresponds to 0210 329 632

WABCO

Speed sensor for ABS/EBS

Type S plus
 Version with coupling socket
 Length 400 mm



Order no	Comparative no
0210 328 080	WABCO 441 032 808 0

Accessories

Description	Order no
Extension cable for speed sensor, Length 3000 mm, Knorr K0278323000	3400 278 323

KNORR-BREMSE

Speed sensor set for ABS

Type number ES5100
 Form straight
 Length 300 ± 10 mm
 Plug type round



Scope of supply
with grease and clamp sleeve

Order no	Comparative no
3450 403 065	Knorr K145032K50



Speed sensor set for ABS

Scope of supply
with grease and clamping bush

This figure corresponds to 4195 240 210

Length	Order no	Comparative no
350 mm	4193 070 030	WABCO 441 032 963 2
400 mm	4190 210 030	WABCO 441 032 807 0
1500 mm	4195 240 240	WABCO 441 032 855 0 WABCO 441 032 856 0 WABCO 441 035 923 2
1700 mm	4195 240 310	WABCO 441 032 968 2
1750 mm	4195 240 210	WABCO 441 032 995 0 WABCO 441 035 920 2
2000 mm	4195 240 220	WABCO 441 032 351 0 WABCO 441 035 321 0 WABCO 441 035 921 2
2050 mm	4190 220 630	WABCO 441 032 980 0

Length	Order no	Comparative no
2300 mm	4195 240 120	WABCO 441 032 858 0 WABCO 441 032 859 0 WABCO 441 035 924 2
3000 mm	4195 240 090	WABCO 441 032 487 0 WABCO 441 032 920 0 WABCO 441 032 921 0 WABCO 441 032 923 0 WABCO 441 032 942 0 WABCO 441 035 926 2
4000 mm	4195 240 110	WABCO 441 032 727 0 WABCO 441 032 941 0 WABCO 441 032 946 0 WABCO 441 032 947 0 WABCO 441 035 927 2

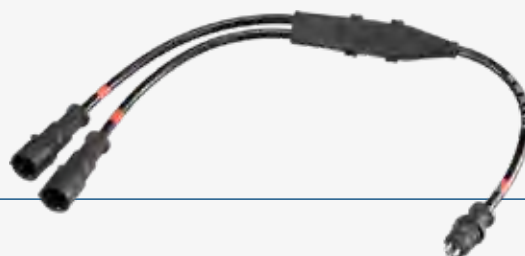


Speed sensor for ABS

This figure corresponds to 4190 210 400

Length	Order no	Comparative no
235 mm	4190 220 430	WABCO 441 035 345 0
240 mm	4190 210 140	WABCO 441 032 172 0
400 mm	4193 018 080	WABCO 441 032 808 0
1000 mm	4190 210 400	WABCO 441 032 879 0

Length	Order no	Comparative no
2020 mm	4193 018 140	WABCO 441 032 814 0
2500 mm	4190 220 190	WABCO 441 032 331 0
2500 mm	4190 210 220	WABCO 441 032 863 0
2500 mm	4190 220 090	WABCO 441 032 330 0



Wiring harness TailGUARD sensor

This figure corresponds to 3806 000 240

Connection 1	Connection 2	Order no	Comparative no
2 x sensor socket 3-pin	Sensor plug 3-pin	3806 000 240	WABCO 894 600 024 0
Bayonet socket 7-pin	Plug Display + diagnosis socket with blue cap 7-pin + open 5-strand 5 x 0.5 mm ²	3806 073 900	WABCO 894 607 390 0



WABCO



Connection cable for SmartBoard

Length	Order no	Comparative no
0,15 m	3806 000 012	WABCO 894 600 001 2
2 m	3800 449 020	WABCO 449 303 020 0
3 m	0763 770 300	WABCO 449 377 030 0
6 m	3800 916 253	WABCO 449 916 253 0
6 m	3804 499 080	WABCO 449 908 060 0
7 m	3803 760 700	WABCO 449 376 070 0

Length	Order no	Comparative no
8 m	3803 770 800	WABCO 449 377 080 0
10 m	3804 493 051	WABCO 449 305 100 0
5 m	3809 130 500	WABCO 449 913 050 0
6 m	3807 470 600	WABCO 449 747 060 0
10 m	3804 499 081	WABCO 449 908 100 0



Pipe filter

Version any desired through-flow direction
 Connection thread M22 x 1,5/M22 x 1,5
 Operating pressure 20 bar

Order no	Comparative no
1740 060 040	WABCO 432 500 020 0



ABS/EBS connection cable

Order no	Comparative no
8400 069 105	Knorr K010711N00



Pressure limiter

Opening pressure 10,5+2,5 bar
 Outlet pressure 8,1 bar

Order no	Comparative no
3450 401 250	Knorr K189840N00



Release valve

This figure corresponds to 3400 006 230

Operating pressure	Order no	Comparative no
max. 8 bar	3400 426 400	Knorr II36055
max. 10 bar	3400 006 230	Knorr AC286A
max. 10 bar	3400 018 030	Knorr II19803



Release valve

Version manual
Thread M16 x 1,5

Fastening	Order no	Comparative no
in line	3735 218 011	Haldex 352018011
flange	3779 026 570	Haldex 352045001



Quick-release valve

Operating pressure 12 bar
Connection thread M22 x 1.5 mm

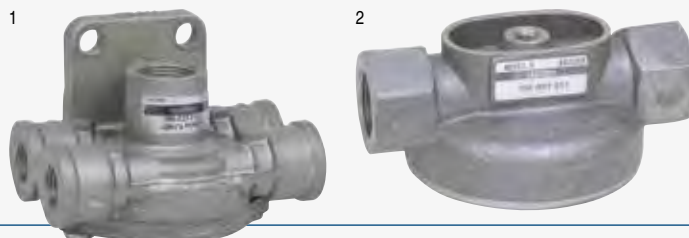
Order no	Comparative no
0064 500 000	WABCO 973 500 000 0
0645 000 510	WABCO 973 500 051 0



Quick-release valve

Connection 1 M22 x 1,5
Connection 2 M22 x 1,5
Connection 3 M22 x 1,5
Nominal width 14 mm
Operating pressure 8 bar

Order no	Comparative no
3450 406 525	Knorr K192837N00



Quick-release valve

Connection 1 M22 x 1,5
Connection 3 M22 x 1,5

Connection 2	Fastening	Operating pressure	Fig.	Order no	Comparative no
4 x M16 x 1,5	Flange	max. 10,5 bar	1	3735 613 031	Haldex 356022011
1 x M22 x 1.5	in line	max. 7,35 bar	2	3735 601 011	Haldex 356001011



Non-return valve

Connection thread 1/12/2: M22 x 1,5
 Operating pressure max. 10 bar

Order no	Comparative no
3779 024 050	Haldex 333001201



Overflow valve

Version without return flow
 Connection thread M22 x 1.5
 Operating pressure max. 20 bar
 Opening pressure 6 bar
 Closing pressure 5,2 bar
 Temperature range -40 to +80 °C
 Type number DR4378

Order no	Comparative no
3411 004 378	Knorr K000644



Resource-efficient



Combination release valve in exchange

This figure corresponds to 0610 010 517

Version	Operating pressure	Order no	Comparative no
with flange and black operating knob		0610 010 137	WABCO 963 001 013 7
with check valve and operating plate	max. 8.5 bar	0610 010 517	WABCO 963 001 051 7
double, without return valve, with operating sign	max. 8.5 bar	0610 010 520	WABCO 963 001 052 0
With actuating plate	max. 10 bar	3800 029 007	WABCO 971 002 900 7



Combination release valve

Version with actuation plate
 Operating pressure max. 10 bar

Type	Order no	Comparative no
	0390 039 000	WABCO 971 002 900 0
in exchange	3800 029 007	WABCO 971 002 900 7





1



2



3



4



Combination release valve

Version	Operating pressure	Connection thread	Order no	Comparative no
with overflow valve and interlock valve	max. 8.5 bar	1/1-2/21/22: 8 x 1 2: 12 x 1,5	3400 020 123	Knorr K020123N00
with overflow valve, without interlock valve	max. 8.5 bar	1/1-2: M16 x 1,5 2: M22 x 1,5	3400 045 781	Knorr K015849N00
with overflow valve, without interlock valve	max. 10 bar	1/1-2/21/22/23: 8 x 1	8000 257 000	Knorr K025700N00
with overflow valve and stop valve	max. 10 bar	1/1-2/21/22/23: 8 x 1	8000 256 990	Knorr K025699N00

¹ Connection PTC (Push-to-Connect)



Combination release valve

TrCM (Trailer Control Modul)

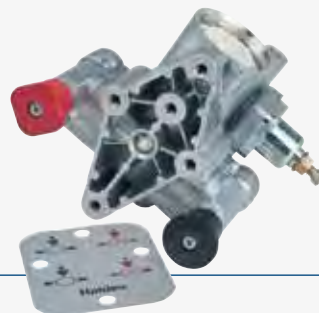
The Trailer Control Module fulfils the requirements of EEC Directive 71/320 Brake Systems and ECE Regulation R 13.

Version	without return valve, with overflow valve and release valve
Connection thread	1: M22 x 1,5 1-2/21/22/23/24/4: M16 x 1,5 25: M12 x 1,5
Operating pressure	10 bar
Opening pressure	6,2 bar
Closing pressure	5,2 bar
Standard	DIN/ISO 1219
Temperature range	-40 °C to +70 °C

Scope of supply
with instruction plate

The Trailer Control Module in particular meets the requirements of EEC Directive 71/320 Braking Devices and ECE Regulation R 13.

Order no	Comparative no
3735 267 001	Haldex 352067101





Combination release valve

TrCM+ Safe Parking

Parking Hold is a new additional function which has the effect that during coupling, although the service brake releases, the spring brake cylinders go to the braking position. Before starting a journey, the spring brake cylinders must be manually released with the release valve.

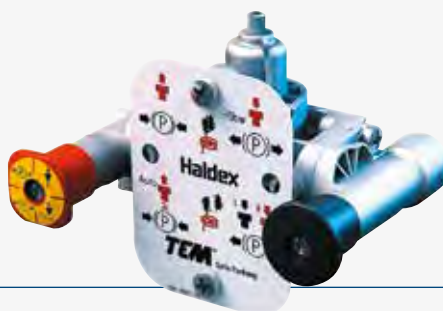
Connection thread	1/12: M22 x 1,5
	1-2/21/23/24/2/4: M16 x 1,5
	25: M12 x 1,5
Operating pressure	10 bar
Opening pressure	6,2 bar
Closing pressure	5,2 bar
Standard	DIN/ISO 1219
Temperature range	-40 °C to +70 °C

Application range

semi-trailers, centre axle trailers, turntable drawbar trailers

Meets the requirements of EEC Directive 71/320 Brake Systems and ECE Regulation R 13

Order no	Comparative no
3973 520 676	Haldex 352067601



Combination release valve

TEM® Safe Parking

Safe Parking is a new additional function which has the effect that during uncoupling or pressure loss, the spring brake cylinders go to the braking position. Before starting a journey, the spring brake cylinders must be manually released using the park valve.

Operating pressure	10 bar
Opening pressure	6,2 bar
Closing pressure	5,2 bar
Temperature range	-40 to +80 °C

Application range

semi-trailers, centre axle trailers, turntable drawbar trailers

Meets the requirements of EEC Directive 71/320 Brake Systems and ECE R 13

This figure corresponds to 3973 520 750

Version	Connection thread	Order no	Comparative no
with overflow valve and release valve	1/12: M22 x 1,5 1-2/21: M16 x 1,5	3973 520 750	Haldex 352075001
without overflow valve or release valve	1/12: M22 x 1,5 1-2: M16 x 1,5	3973 520 510	Haldex 352075051
with overflow valve and release valve	1/1-2/12/21: TU 8 x 1	3773 520 751	Haldex 352075101
with overflow valve, without release valve	1/12: M22 x 1,5 1-2/21: M16 x 1,5	0397 352 031	Haldex 352075031
without overflow valve, with release valve	1/12: M22 x 1,5 1-2: M16 x 1,5	0397 352 011	Haldex 352075011


KNORR-BREMSE

ABS pressure control valve

Type number	BR9234	Operating pressure	max. 10 bar
Version	without relay function	Voltage	24 V
Connection	electric, bayonet DIN 72585	Temperature range	-40 to +75 °C
Connection thread	1/2: M22 x 1,5 4: M16 x 1,5		

Order no	Comparative no
3450 408 710	Knorr I137091N00



KNORR-BREMSE

Speed sensor for ABS

Type number	ES5100	Length	1000 ± 50 mm
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Order no	Comparative no
3450 400 815	Knorr K144128K50



KNORR-BREMSE

Speed sensor set for ABS

Type number	ES5100	Length	400 ± 10 mm
-------------	--------	--------	-------------

Scope of supply
with grease and clamp sleeve

Order no	Comparative no
3413 733 004	Knorr K144126K50



Clamping sleeve for ABS sensor

Outer ∅	Inner ∅	Order no	Comparative no
18,8 mm	16,6 mm	0687 605 104	WABCO O 8 99 760 510 4
		3401 677 404	Knorr r1116774



WABCO

Sensor extension cable for ABS

Length	3000 mm
Cross-section	2 x 0,75 mm ²

Order no	Comparative no
0767 120 300	WABCO 449 712 030 0





Haldex

Sensor extension cable for ABS

Length 3000 mm
Colour black
Material PUR

Order no

2127 009 774

Comparative no

Haldex 814004401



WABCO

EBS relay valve

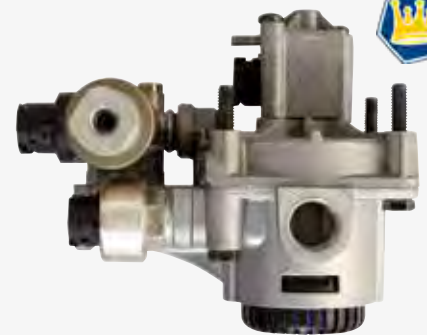
Version 3/2 way
Connection electric, bayonet (DIN)
Connection thread 1/2: M22 x 1,5
4: M12 x 1,5
Voltage 24 ± 6 V
Operating pressure max. 10 bar

Order no

0642 070 010

Comparative no

WABCO 480 207 001 0



WABCO

Repair kit EBS relay valve

Scope of supply
1 EBS relay valve
1 adapter cable with bayonet connector
1 connection cable with socket
1 screw-in connector, M12 x 1.5/dia. 8 x 1

Order no

0376 034 300

Comparative no

WABCO 480 207 921 2



WABCO

Repair kit for EBS relay valve

Scope of supply
2 x bolts, 1 x gasket kit, 1 x supplementary sheet

Order no

3800 207 920

Comparative no

WABCO 480 207 920 2





WABCO

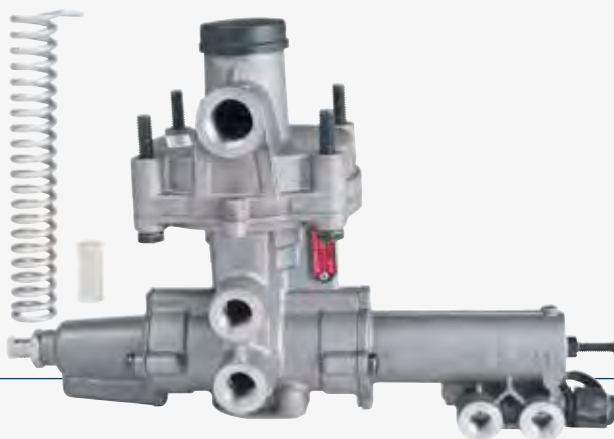
Adapter cable for diagnosis

Version Y Cable GIO
Length 2 x 400/400 mm

Order no	Comparative no
3806 290 220	WABCO 449 629 022 0



Resource-efficient



WABCO

ALB controller in exchange

Operating pressure max. 10 bar
Temperature range -40 to +80 °C

This figure corresponds to 0397 145 007

Control pressure	Order no	Comparative no
0,7-3,8 bar	0397 145 007	WABCO 475 714 500 7
0,7-4,7 bar	0397 145 097	WABCO 475 714 509 7
	0397 135 007	WABCO 475 713 500 7

WABCO

Trailer brake valve

Order no	Comparative no
3809 710 028	WABCO 971 002 060 0
3809 710 031	WABCO 971 002 034 0
3809 710 033	WABCO 971 002 032 0
3809 710 035	WABCO 971 002 030 0
3809 710 036	WABCO 971 002 025 0
3809 710 039	WABCO 971 002 022 0



This figure corresponds to 3809 710 028



Intelligent Trailer Program

It's what's inside that counts.



Advanced Safety

- TiltAlert
- Bounce Control
- Anti-Lock Braking Function
- SafeStart
- Emergency Brake Alert
- TailGUARD™
- Router & Repeater
- Electronic Park Brake
- Rollover Stability Support



Operational Efficiency

- TX-TRAILERGUARD™
- Operating Data Recorder
- TX-TRAILERPULSE™
- Return-to-Load Level
- Advanced Multivoltage
- Brake Pad Wear Indicator
- Memory Level
- OptiLevel™
- Notebook Memory
- Service Mind
- Immobilizer
- Battery Control
- Trailer Extension Control
- OptiTurn™
- OptiLink™
- OptiLock™



Load Optimization

- OptiLoad™
- Forklift Control
- OptiLevel™ 2-Point
- Overload Indicator
- Air Bellows Protector



Fuel & CO₂ Reduction

- OptiFlow™ SideWings
- OptiFlow™ Tail
- OptiFlow™ AutoTail
- OptiTire™
- Lift Axle Control
- Fuel Saving Suspension



Driver Comfort & Effectiveness

- Return-to-Ride
- Trailer Remote Control
- Traction Help
- Trailer Length
- Finisher Brake
- New SmartBoard
- Steering Axle Lock





Membrane brake cylinder

Stroke 57 mm
 Length of piston rod 15 mm
 Operating pressure 10.2 bar

Application range
 vehicles with disc brake

Type	Connection	Type number	Fig.	Order no	Comparative no
16	side, M22 x 1.5 VOSS 232	BS3301	1	3450 407 920	Knorr K004146N00
16	M16 x 1.5	BS3300	2	8000 000 773	Knorr II14535
16	M16 x 1.5	BS3326	3	3450 409 100	Knorr II38466F
20	M16 x 1,5	BS3404	2	8000 000 775	Knorr II31098
22	M16 x 1.5	BS3453	2	8000 000 776	Knorr II31099



Membrane brake cylinder

Stroke 75 mm

Application range
 Vehicles with S-cam brake

(Illustration similar)

Type	Connection	Type number	Order no	Comparative no
20	M16 x 1.5	BX3417	3403 347 900	Knorr II33479A
30	2 x M16 x 1,5	BX3605	3405 366 400	Knorr II33445A



Accessories

This figure corresponds to 3419 988 270

Description	Order no	Comparative no
Membrane cylinder accessories with oblong hole for clevis, Type 12/16	3419 988 270	WABCO 423 902 534 2
Membrane cylinder accessories with round hole for clevis, Type 12/16	3419 988 271	WABCO 423 902 533 2



Membrane brake cylinder

Type	Order no	Comparative no
16	3700 010 007	Haldex 125160001
24	3973 240 002	Haldex 123240002




Membrane brake cylinder universal version

Version with 186 mm threaded rod

Type	Operating pressure	Order no	Comparative no
12	max. 8 bar	3700 000 005	WABCO 423 103 900 0
16	max. 10 bar	3700 000 010	WABCO 423 104 900 0
20	max. 10 bar	3700 000 020	WABCO 423 105 900 0
24	max. 10 bar	3700 000 060	WABCO 423 106 900 0
30	max. 8 bar	3700 000 070	WABCO 423 107 900 0



This figure corresponds to 3700 000 070



Membrane brake cylinder

Type 16
Connection M16 x 1.5
Stroke 57 mm
Operating pressure 10 bar

Order no	Comparative no
3700 000 080	WABCO 423 104 710 0



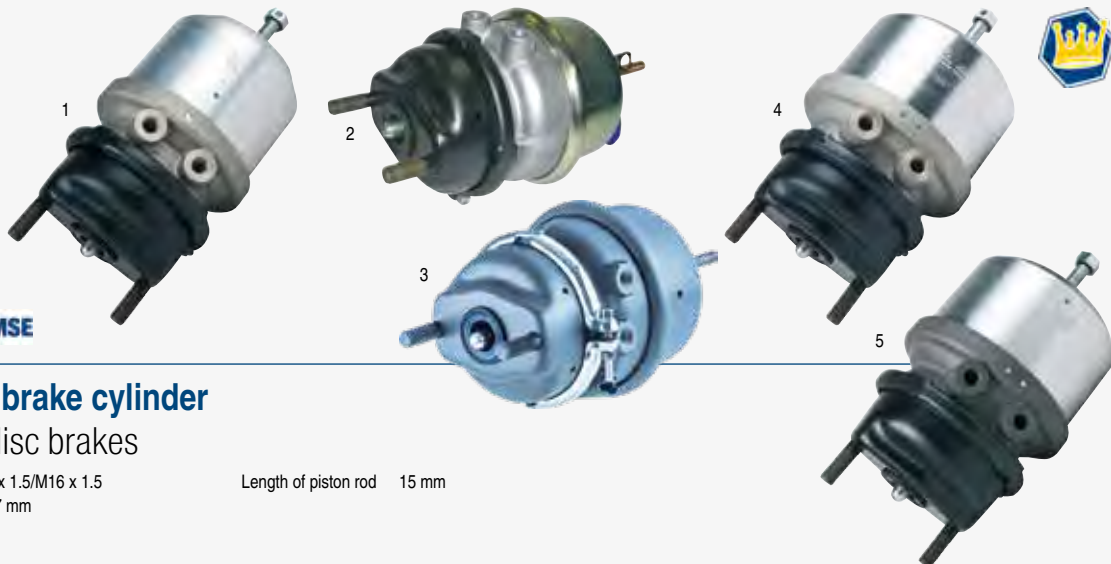

Combination brake cylinder

Stroke 75/75 mm
Release pressure 4,8 bar

operating pressure, max. (service brake/spring brake cylinder) 10,2/8,5 bar

Type	Length	Order no	Comparative no
24/30	279 mm	3803 761 120	WABCO 925 376 112 0
30/30	288 mm	3803 771 100	WABCO 925 377 110 0





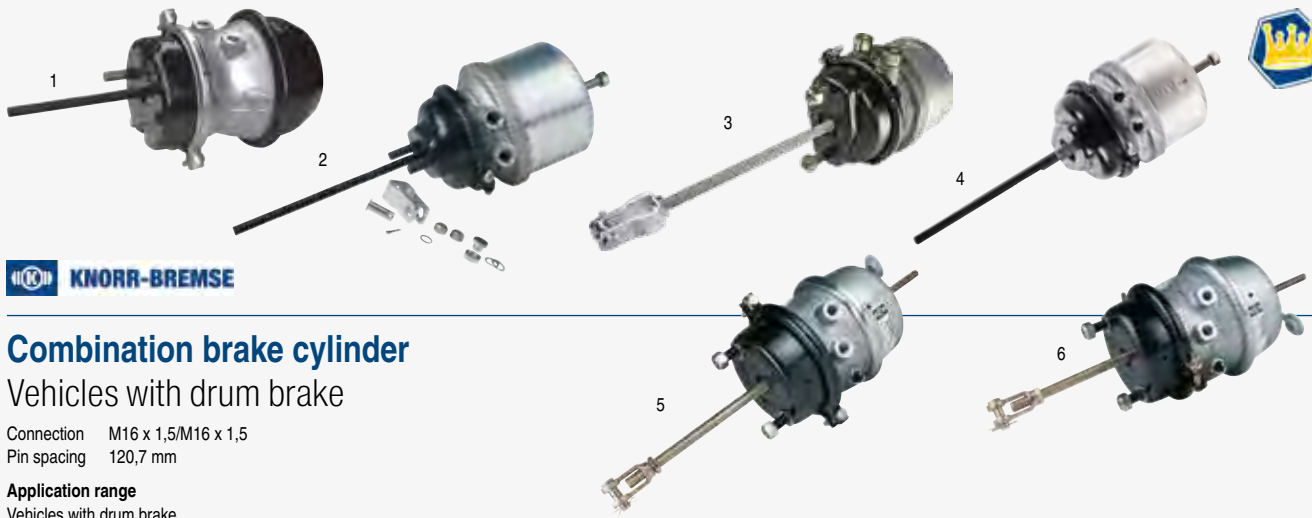
Combination brake cylinder

vehicles with disc brakes

Connection M16 x 1.5/M16 x 1.5 Length of piston rod 15 mm
 Stroke 57/57 mm

Application range
 vehicles with disc brakes

Type	Type number	Fig.	Order no	Comparative no
16/16	BS9397	1	3450 407 950	Knorr II31227
16/24	BS7309	2	3411 073 090	Knorr K159939N00
16/24	BS7318		3400 019 110	Knorr K026900N00
16/24	BS7319	3	3400 001 901	Knorr K026901N00
16/24	BS9304	4	8000 000 781	Knorr II30619
566 047 051	BS9404	5	3400 046 489	Knorr II31407000



Combination brake cylinder

Vehicles with drum brake

Connection M16 x 1,5/M16 x 1,5
 Pin spacing 120,7 mm

Application range
 Vehicles with drum brake

Type	Type number	Stroke	Length of piston rod	Fig.	Order no	Comparative no
20/24	BX7401	57/57 mm	290 mm	1	3422 740 100	Knorr K031736N00
20/24	BS7402	64 mm			3405 995 400	Knorr K159954N00
20/24	BS7403	64 mm			3404 571 800	Knorr K159955N00
20/24	BS7404	57 mm			3404 571 900	Knorr K159956N00
20/30	BX7408	76/76 mm	227 mm	1	3400 074 080	Knorr K031733N00
20/30	BX9402	57/57 mm	300 mm	2	3450 408 815	Knorr II37276
24/24	BX7516	64/64 mm	285 mm	5	3422 751 600	Knorr K031738N00
24/24	BX9519	57/57 mm	300 mm	3	3600 028 038	Knorr II37277
24/24HF	BX9520	57/57 mm		4	3450 407 635	Knorr II37278
24/30	BX7514	64/64 mm	250 mm	5	3422 751 400	Knorr K031748N00
24/30	BX7525	75/75 mm	230 mm	6	3422 752 000	Knorr K031740N00
30/30	BX7611	64/64 mm	290 mm		3422 076 110	Knorr K031744N00
30/30	BZ9657	64/64 mm	250 mm		3450 408 835	Knorr II37281



Combination brake cylinder

Type 24/30
 Length of piston rod 188 mm
 Operating pressure max. 10,2 bar

Application range
 Vehicles with drum brake

Length of piston rod	Order no	Comparative no
188 mm	7771 000 840	Haldex 1362430006
246 mm	3731 362 431	Haldex 1362430001



This figure corresponds to 3731 362 431



Combination brake cylinder

Type 16/24
 Connection M16 x 1.5/M16 x 1.5
 Operating pressure max. 8.5 bar
 Stroke 57/57 mm

Application range
 Vehicles with disc brakes

Order no	Comparative no
6745 993 900	Knorr K159939N00




Combination brake cylinder

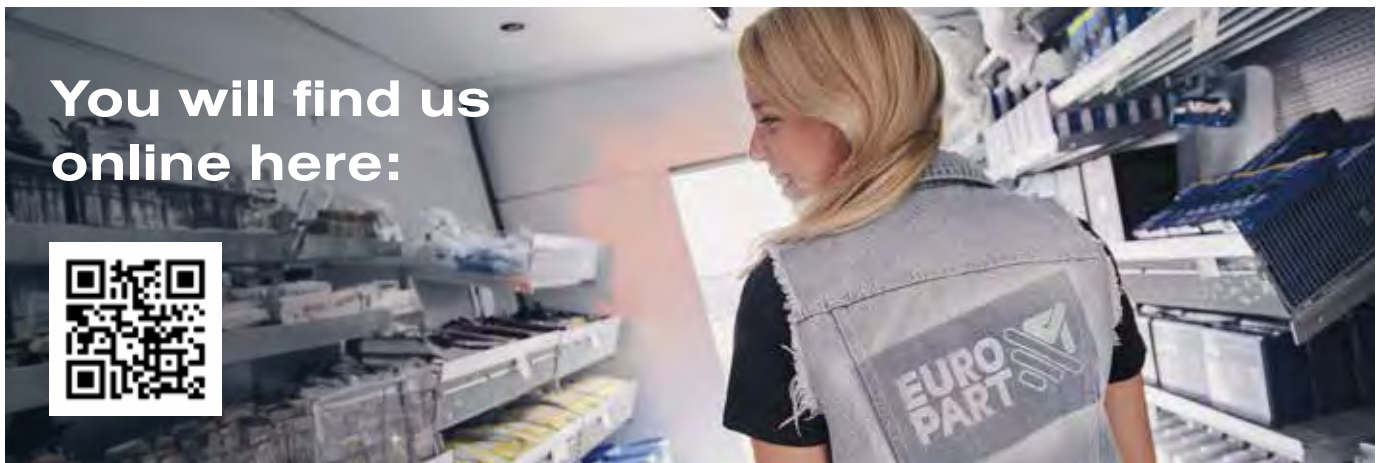
Length of piston rod 267 mm
 Operating pressure 10,2/8,5 bar

Type	Order no	Comparative no
24/30	3734 618 111	WABCO 925 376 000 0
30/30	3731 363 031	WABCO 925 377 000 0



This figure corresponds to 3734 618 111

You will find us
 online here:



WABCO**Trailer brake valve**

Version	Order no	Comparative no
adjustable with lead: 0 to 1 bar	0630 021 507	WABCO 971 002 150 7
adjustable with lead: 0 to 1 bar	0630 023 007	WABCO 971 002 300 7
without lead	0630 023 010	WABCO 971 002 301 0



This figure corresponds to 0630 021 507

KNORR-BREMSE**Trailer brake valve**

Version manual, adjustable with lead
Thread M22 x 1,5

Order no	Comparative no
3400 046 411	Knorr AS3000A

**Haldex****Trailer brake valve**

Operating pressure 10 bar

Thread	Order no	Comparative no
4 x M16 x 1,5/2 x M22 x 1,5	3731 033 001	Haldex 351033001
4 x M22 x 1,5/1 x M16 x 1,5	3735 108 522	Haldex 351008122
4 x M22 x 1,5/1 x M16 x 1,5	3735 027 502	Haldex 350027202

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KNORR-BREMSE

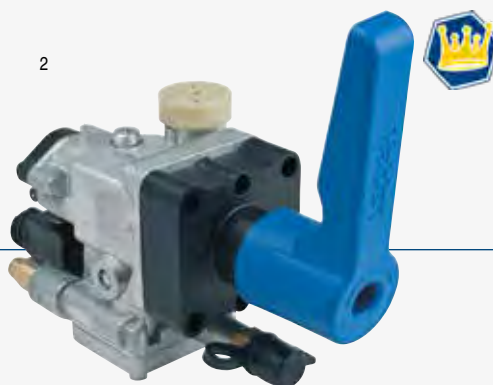
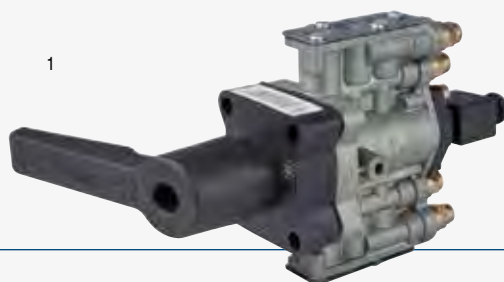
Valve

for lifting/lowering equipment

Operating pressure max. 13 bar

Version	Connection thread	Type number	Fig.	Order no	Comparative no
mechanical, with Speed Pulse (SP) function	11: M22 x 1,5 12/13/2: M16 x 1,5	SV3293	1	3411 032 930	Knorr K054883N00
mechanical, automatic return to STOP in drive position, 1 lever	11: M22 x1,5 12/2: M16 x 1,5	SV3200	2	3400 361 450	Knorr II36145

¹ Connection electric, bayonet (DIN)



Haldex

Valve

for lifting/lowering equipment

with watchdog circuit

Version automatic
 Connection electric, bayonet (DIN)
 Operating pressure max. 8.5 bar
 Voltage 24 V DC
 Angle 0°

Model	Connection thread	Number of lines	Fig.	Order no	Comparative no
COLAS®	1/11/12/21/22: 8 x 1 mm push-in	2	1	3700 511 210	Haldex 338051121
COLAS® +	1/11: 8 x 1 mm push-in 21: 12 x 1,5 mm push-in	1	2	3700 062 001	Haldex 338062201

WABCO

Lifting axle control valve

Version without screw fitting
 Voltage 24 ± 6 V
 Connection electric, bayonet (DIN)
 Connection thread 21/22: M22 x1,5
 Operating pressure max. 13 bar
 Temperature range -40 °C – +80 °C
 Protection class IP6K9K

Order no	Comparative no
0300 840 310	WABCO 463 084 031 0





Lifting axle control valve

Connection electric, bayonet (DIN 72585)
 Operating pressure max. 10 bar
 Type number AE1141

Connection thread	Fig.	Order no	Comparative no
1/11/21/23/3: M16 x 1,5	1	3400 355 700	Knorr K125537N00
1/11/21/23: 8 x 1 quick-release fastener 3: M16 x 1,5	2	3400 045 780	Knorr K015384N00



Lifting axle control valve

Type number AE1141
 Connection 8 x 1
 Operating pressure max. 10 bar
 Temperature range -40 to +80 °C
 Switching pressure min. 5 bar

Order no	Comparative no
8000 017 224	Knorr K017224N00



Lifting axle control valve

Order no	Comparative no
3400 046 655	Knorr VTP-1



Lifting axle control valve

Model ILAS®-E+
 Connection electric, bayonet (DIN 72585-A1-2.1-SN/K1)
 Connection thread 7 x M12 x 1,5 push-in

Order no	Comparative no
3735 270 011	Haldex 352 080 001



Resource-efficient

Rotation valve as replacement

Gripping length 122 mm
 Operating pressure 10 bar

Order no	Comparative no
0300 320 207	WABCO 463 032 020 7



Level control

Type number SV3230
Version mechanical

Order no	Comparative no
3400 036 151	Knorr II36151



WABCO

ECAS solenoid valve

Connection electric, bayonet (DIN)
Connection thread M22 x 1,5
Operating pressure max. 13 bar
Installation location Rear axle/lift axle
Rated current 0.33 A
Voltage 24 V
Protection class IP66A

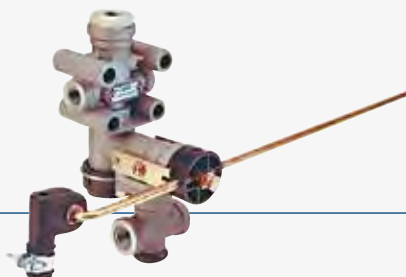
Order no	Comparative no
0379 051 140	WABCO 472 905 114 0



WABCO

Air spring valve

Operating pressure max. 13 bar
Nominal width 2 x \varnothing 3 mm



This figure corresponds to 0310 061 007

Version	Connection thread	Order no
two-stage, transverse throttle, with linkage	1/21/22: M12 x 1,5	0310 060 027
transverse throttle, with height limitation and linkage	1/21/22: M12 x 1,5 12/23: M16 x1,5	0310 061 007
two-stage, transverse throttle, with height limitation and linkage	1/21/22: M12 x 1,5 12/23: M16 x1,5	0310 061 010
2-stage without control, with lever		3800 065 000
2-stage with control, with lever		3800 065 200



Air spring valve

Type number SV1395
Version with round lever, transverse throttling, without fixed setting and height limit
Connection thread 11/21: M12 x 1,5
Operating pressure max. 12 bar

Order no	Comparative no
3400 046 478	Knorr K194770N00





Air spring valve

Type number SV1466
 Version with round lever, secondary venting, without fixed setting
 Thread M12 x 1,5/M16 x 1,5
 Lever length 290 mm
 Height limit 20-50°

Order no	Comparative no
3411 014 660	Knorr II36115



Air spring valve

Type number SV1485
 Version with round lever
 Thread M12 x 1,5/M16 x 1,5
 Lever length 290 mm
 Height limit 20-50°

Order no	Comparative no
3450 409 635	Knorr K194765N00



Air spring valve

EGP® (Engineering Grade Plastic), for level control

Version with round lever, transverse throttling
 Operating pressure max. 13 bar

Connection thread	Nominal width	Fig.	Order no	Comparative no
M12 x 1,5	3 mm	1	3761 217 591	Haldex 612035021
M12 x 1,5	4 mm	2	3761 217 111	Haldex 612035031
8 mm push-in	1,25 mm	3	3761 203 504	Haldex 612035041
8 mm push-in	3 mm	4	3761 257 001	Haldex 612057001
8 mm push-in	3 mm	4	3564 720 138	Haldex 612047002



Rods

for air suspension valve

Fastening M8

Order no	Comparative no
3761 225 001	Haldex 612025001



2

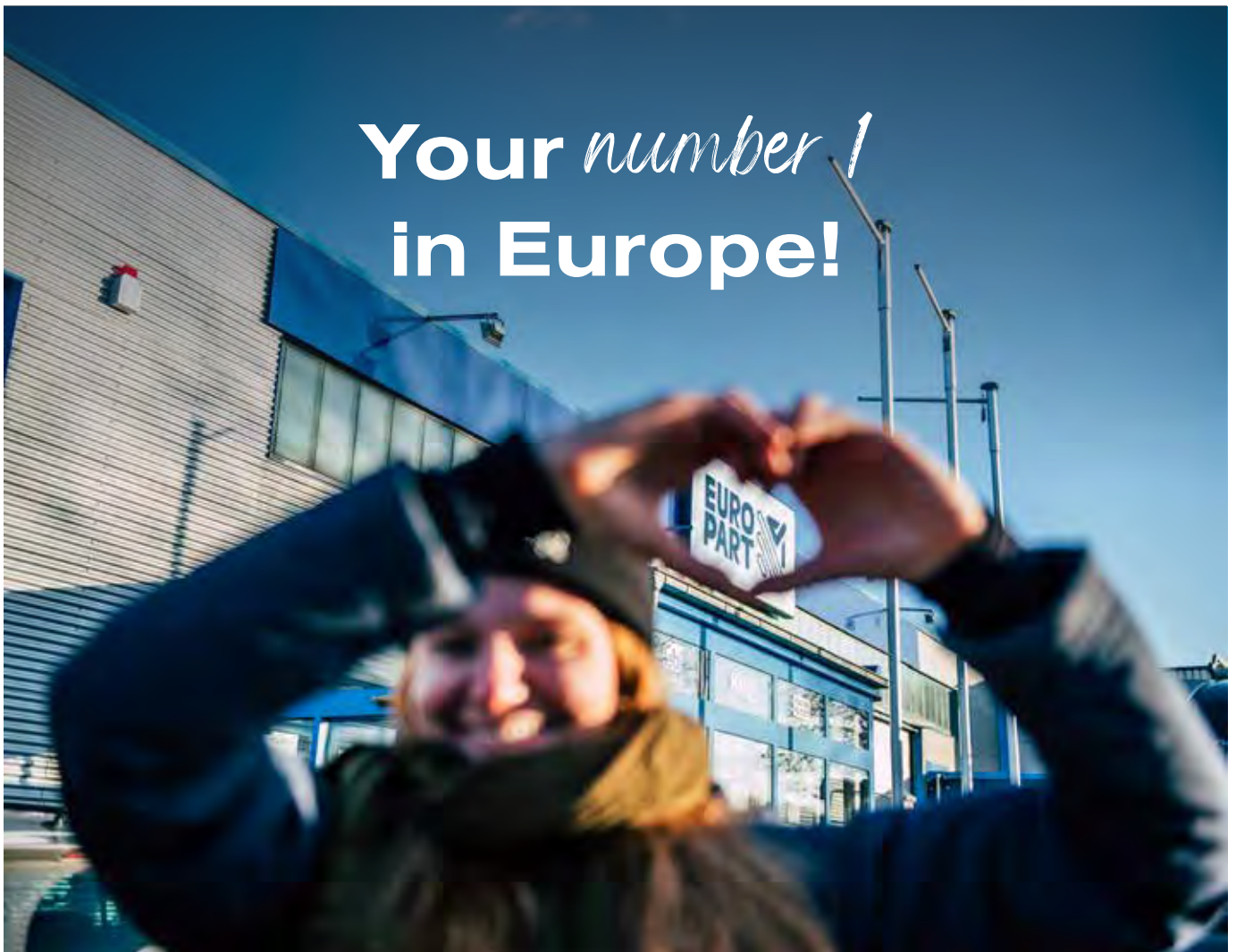



ECAS path sensor

This figure corresponds to 4190 501 000

Version	Order no	Comparative no
With lever	4190 501 000	WABCO 441 050 100 0
Without lever	4190 500 110	WABCO 441 050 011 0
Without lever	4190 500 120	WABCO 441 050 012 0

Your *number 1*
in Europe!





Dehumidification valve

ADV

Version automatic
 Connection thread M22 x 1,5
 Operating pressure max. 20 bar

Technical data	Order no	Comparative no
pressure difference (Dp) 0,2-0,5 bar	3731 516 001	Haldex 315016001
pressure difference (Dp) 0,2-0,4 bar	3970 031 001	Haldex 315031001



This figure corresponds to 3731 516 001

Dehumidification valve

Version manual, with ring
 Connection thread M22 x 1,5
 Operating pressure max. 20 bar
 Spanner size 27 mm
 Material brass
 Standard DIN 74 292

Order no	Comparative no
1740 060 020	WABCO 934 300 003 0



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WABCO

Coupling head

Version	Colour	Fig.	Order no	Comparative no
with valve	red	1	0592 002 210	WABCO 952 200 221 0
with valve	yellow	2	0592 002 220	WABCO 952 200 222 0
connection with bulkhead screw attachment, washer and M24 x 1,5 counter nut	red	3	0592 010 020	WABCO 952 201 002 0
connection with bulkhead screw attachment, washer and M24 x 1,5 counter nut	yellow	4	0592 010 010	WABCO 952 201 001 0

Accessories

for coupling head

Description	Order no	Comparative no
Cover for coupling head, red	1122 006 514	WABCO 952 200 651 4
Cover for coupling head, yellow	1122 006 524	WABCO 952 200 652 4
Extension handle, M16 x 1,5, aluminium	3700 300 117	
Extension handle, M22 x 1,5, aluminium	3700 300 119	



KNORR-BREMSE

Coupling head

Connection thread M16 x 1,5

Application range

for trailers and semi-trailers

Colour	Type	Order no	Comparative no
yellow	brake line	3410 131 100	Knorr II17355
red	Supply line	3410 131 000	Knorr II17354



Coupling head with cable filter

Version connection with bulkhead screw attachment, washer and M24 x 1.5 counter nut
 Connection thread M16 x 1.5 inner
 Operating pressure max. 8.5 bar

Application range
 for trailers and semi-trailers

Colour	Type	Order no	Comparative no
yellow	brake cable	3410 141 000	Knorr K000954
red	supply line	3410 140 000	Knorr K000952



Coupling head Protect-O

Connection thread M16 x 1,5
 Operating pressure max. 10 bar
 Standard ISO 1728

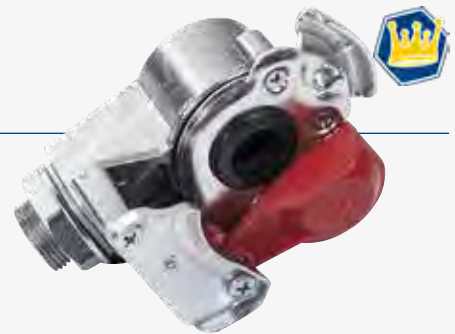
Colour	Version	Type	Fig.	Order no	Comparative no
yellow	with line filter, without test connection	Control cable	1	3973 340 851	Haldex 334085111
yellow	with line filter and test connection	Control cable	2	3973 340 850	Haldex 334085101
red	with line filter, without test connection	Supply line	3	3973 340 860	Haldex 334086101



Coupling head

Version connection with bulkhead screw attachment, washer and M24 x 1.5 counter nut
 Type supply line
 Connection thread M16 x 1.5 inner
 Operating pressure 8,5 bar
 Temperature range -40 to +80 °C

Application range
 for trailers and semi-trailers



This figure corresponds to 6740 088 700

Colour	Order no	Comparative no
red	6740 088 700	WABCO 952 201 002 0
yellow	6740 088 800	WABCO 952 201 001 0



Coupling head

Application range
for trailers and semi-trailers

Type	Connection thread	Operating pressure	Colour	Order no	Comparative no
Supply line	M16 x 1.5	10 bar	red	3700 000 003	WABCO 952 200 021 0
Supply line	M22 x 1.5	8 bar	red	3700 000 002	WABCO 452 200 011 0
brake line	M16 x 1.5	8 bar	yellow	3700 000 004	WABCO 952 200 022 0
brake line	M22 x 1.5	8 bar	yellow	3700 000 001	WABCO 452 200 012 0



Coupling head

automatic

Version with valve

Application range
for tractor truck

Type	Connection thread	Operating pressure	Colour	Order no	Comparative no
supply line	M16 x 1.5	10 bar	red	3700 000 012	WABCO 952 200 221 0
supply line	M22 x 1.5	8 bar	red	3700 000 014	WABCO 452 200 211 0
brake line	M16 x 1.5	10 bar	yellow	3700 000 011	WABCO 952 200 222 0
brake line	M22 x 1.5	8 bar	yellow	3700 000 013	WABCO 452 200 212 0



WABCO

Fast-action coupling

Duo-Matic

Connection thread M16 x 1.5

Version	Fig.	Order no	Comparative no
Vehicle part	1	0248 050 040	WABCO 452 805 004 0
semi-trailer part	2	0248 030 050	WABCO 452 803 005 0
rigid truck part	3	0248 020 090	WABCO 452 802 009 0
trailer part	4	0248 040 120	WABCO 452 804 012 0



Fast-action coupling with cable filter

Colour blue
 Connection thread M16 x 1,5
 Type brake cable and supply line
 Operating pressure max. 10 bar

Application range
 for centre axle trailer and drawbar trailer

Order no	Comparative no
3401 002 641	Knorr K002641



Conversion kit Duo-Matic

complete with all parts for conversion of 2-line trailer brakes

Application range
 for rigid trucks with trailer

Order no	Comparative no
0248 029 202	WABC O 4 52 802 920 2



Pipe filter

Connection thread M22 x 1,5
 Standard DIN 74347

Order no	Comparative no
3731 005 011	Haldex 310005011



Distributor block

Order no	Comparative no
3400 050 000	Knorr r L S6000/2

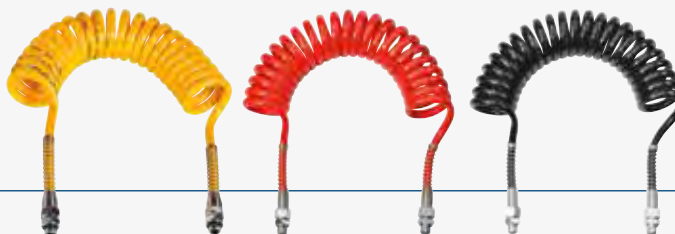




Air suzie

Standard similar to DIN 74323
 Material polyurethane (PUR)
 Version steel bending protection
 Connection M16 x 1,5/M16 x 1,5

Working length 4500 mm
 Outer \varnothing 75 mm
 Number of turns 22



Colour	Order no
black	9175 402 241
red	9129 321 523
yellow	9129 321 522



Air suzie

Standard similar to DIN 74323
 Material polyurethane (PUR)
 Connection M18 x 1.5/M18 x 1.5
 Working length 4500 mm

Outer \varnothing 75 mm
 Number of turns 22
 Colour black

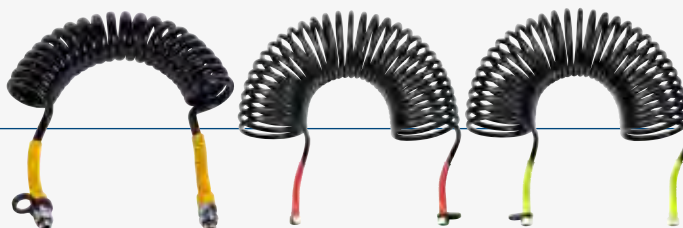


Version	Order no
plastic bend protection, yellow	9129 320 528
plastic kink protection, red	9129 321 527
plastic bend protection, black	9129 320 524



Air suzie

Standard DIN 74323
 Material polyamide
 Colour black



Version	Connection	Working length	Outer \varnothing	Number of turns	Order no
plastic kink protection, red	M18 x 1,5/M18 x 1,5	4500 mm	114 mm	23	9195 210 041
plastic bend protection, yellow	M18 x 1,5/M18 x 1,5	4500 mm	114 mm	23	9195 210 051
plastic kink protection, red	M18 x 1,5/M18 x 1,5	6100 mm	114 mm	32	9195 769 163
plastic bend protection, yellow	M18 x 1,5/M18 x 1,5	6100 mm	114 mm	32	9195 769 063
plastic kink protection, red	M18 x 1,5/M18 x 1,5	8500 mm	154 mm	32	9195 769 161
plastic bend protection, yellow	M18 x 1,5/M18 x 1,5	8500 mm	154 mm	32	9195 769 061



Plastic pipe

contains plasticiser for extrusion, stabilised against thermal ageing and light

Length 100 m
Material Polyamide 12
Standard DIN 74324

Maximum permissible operating pressure at +20 °C: 27 bar

Application range

for compressed air systems



Outer Ø	Bending radius	Wall thickness	Order no
5 mm	30 mm	1 mm	4925 100 679
6 mm	100 mm	1 mm	4925 100 667
8 mm	100 mm	1 mm	4925 100 675
9 mm	100 mm	1,5 mm	4925 100 669
10 mm	100 mm	1,5 mm	4925 100 676
10 mm	100 mm	1 mm	4925 100 677
11 mm	100 mm	1,5 mm	4925 100 678
12 mm	60 mm	1,5 mm	4925 100 668
15 mm	100 mm	1,5 mm	4925 100 674
16 mm	100 mm	2 mm	4925 100 671
18 mm	100 mm	2 mm	4925 100 673



Plastic pipe

Heat ageing stabilized, light stabilized, high resistance to oils, greases, ozone and UV radiation

Standard DIN 74324
Material polyamide 12
Length 25 m
Colour black

Application range

for compressed air systems



Outer Ø	Wall thickness	Bending radius	Version	Order no
4 mm	1 mm	30 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	9194 310 021
5 mm	1 mm	30 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	9176 720 161
6 mm	1 mm	30 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	0492 519 177
8 mm	1 mm	40 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	0492 519 167
9 mm	1,5 mm	60 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	9176 720 131
10 mm	1 mm	60 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	0492 519 157
10 mm	1,5 mm	60 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	9176 720 081
11 mm	1,5 mm	60 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	9194 270 001
12 mm	1,5 mm	60 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	0492 519 147
14 mm	2 mm	75 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	9176 720 141
15 mm	1,5 mm	90 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	0492 519 137
16 mm	2 mm	100 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	9010 060 445
18 mm	2 mm	100 mm	Maximum permissible operating pressure at +20 °C: max. 45 bar	0492 519 127

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- ✓ Only fully sealed chamber in the market
- ✓ High output spring for longer life
- ✓ Available for disc and drum brake



LifeSeal+ the truly sealed double-diaphragm spring brake

LifeSeal+ model is engineered smart, built strong, and road-tested tough for dependable, durable performance that outlasts ordinary spring brakes. That means fewer parts to buy, less downtime, more days on the job, lower operating costs and durability that never punches out.

Put new LifeSeal+ to work for you.





Compressed air tank steel, to EN 286-2

This figure corresponds to 3620 001 545

Volume	∅	Length	Connection	Operating pressure	Order no	Comparative no
4 l	144 mm	321 mm	2 x compressed air connections	max. 15.5 bar	3621 440 400	Mercedes-Benz 005 432 30 01
5 l	154 mm	345 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 001 545	WABCO 451 005 480 0
5,4 l	144 mm	411 mm	2 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3621 440 500	Mercedes-Benz 005 423 31 01
7,5 l	246 mm	228 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 467 500	Mercedes-Benz 005 423 32 01
10 l	206 mm	366 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 061 000	Mercedes-Benz 005 432 33 01
10 l	206 mm	368 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 061 006	Mercedes-Benz 003 432 08 01
10 l	206 mm	372 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 020 610	WABCO 950 410 004 0
15 l	206 mm	526 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 020 615	WABCO 950 415 005 0
20 l	206 mm	660 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 020 620	WABCO 950 420 003 0
20 l	246 mm	497 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 462 000	Mercedes-Benz 005 432 34 01
20 l	246 mm	504 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 024 620	WABCO 950 520 003 0
20 l	276 mm	412 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 762 001	Mercedes-Benz 005 432 36 01
25 l	276 mm	495 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 762 500	Mercedes-Benz 005 432 26 01
25 l	246 mm	589 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 024 625	WABCO 950 525 001 0
25 l	246 mm	605 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 465 020	Mercedes-Benz 005 432 38 01
30 l	246 mm	758 mm	3 x compressed air connections, 1 x drainage termination	max. 15.5 bar	3620 024 630	WABCO 950 530 002 0
30 l	276 mm	585 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 763 000	Mercedes-Benz 005 432 22 01
30 l	276 mm	594 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 027 630	WABCO 950 730 007 0
35 l	276 mm	663 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 763 500	Mercedes-Benz 005 432 27 01
40 l	310 mm	619 mm	3 x compressed air connections, 1 x drainage connection	max. 12,5 bar	3620 031 040	WABCO 451 040 310 0
40 l	246 mm	945 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 024 640	WABCO 950 540 001 0
40 l	276 mm	745 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3620 027 640	WABCO 950 740 002 0
60 l	276 mm	1100 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 027 660	WABCO 950 760 002 0
60 l	310 mm	894 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 031 060	WABCO 950 060 003 0
60 l	396 mm	565 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 039 660	WABCO 950 060 004 0
80 l	310 mm	1156 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3623 108 000	Schmitz 051202
80 l	396 mm	747 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 039 680	WABCO 950 080 002 0
80 l	396 mm	758 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3623 968 000	Hal dex 030350002
100 l	396 mm	913 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 396 100	WABCO 950 100 002 0
120 l	396 mm	1082 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 396 120	L-S 117 481

¹ with bracket



Compressed air tank

aluminium, to DIN EN 286-2

This figure corresponds to 3612 061 501

Volume	∅	Length	Connection	Order no
10 l	206 mm	368 mm	3 x compressed air connections, 1 x drainage connection	3612 061 006
15 l	206 mm	509 mm	3 x compressed air connections, 1 x drainage connection	3612 061 501
20 l	206 mm	708 mm	3 x compressed air connection, 1 x drainage connection	3612 062 012
20 l	246 mm	500 mm	3 x compressed air connections, 1 x drainage connection	3612 462 000
30 l	246 mm	709 mm	3 x compressed air connections, 1 x drainage connection	3612 463 100
30 l	276 mm	573 mm	3 x compressed air connections, 1 x drainage connection	3612 763 002
40 l	276 mm	766 mm	3 x compressed air connection, 1 x drainage connection	3612 764 001
40 l	310 mm	629 mm	3 x compressed air connections, 1 x drainage connection	3613 104 000
60 l	276 mm	1111 mm	3 x compressed air connections, 1 x drainage connection	3612 766 001
60 l	310 mm	906 mm	3 x compressed air connections, 1 x drainage connection	3613 106 000
60 l	396 mm	605 mm	3 x compressed air connections, 1 x drainage connection	3613 966 001
80 l	396 mm	745 mm	3 x compressed air connections, 1 x drainage connection	3613 698 001
100 l	396 mm	915 mm	3 x compressed air connections, 1 x drainage connection	3613 961 000
120 l	396 mm	1074 mm	3 x compressed air connections, 1 x drainage connection	3613 961 200

NEO SERIES

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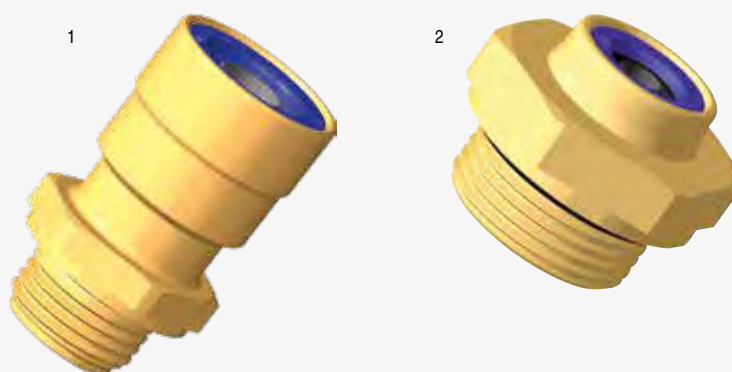
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Raufoss™
COUPLINGS

Straight plug connector

ABC New Line

Pipe Ø	Thread	Length	Support sleeve colour	Spanner size	Fig.	Order no	Comparative no
6 x 1 mm	M10 x 1	24 mm	black	16 mm	1	6390 106 010	Raufoss 901 06 010
6 x 1 mm	M12 x 1,5	23 mm	black	18 mm	1	6390 106 012	Raufoss 901 06 012
6 x 1 mm	M14 x 1,5	16 mm	black	20 mm	2	6390 106 014	Raufoss 901 06 014
6 x 1 mm	M16 x 1,5	12 mm	black	22 mm	2	6390 106 016	Raufoss 901 06 016
6 x 1 mm	M22 x 1,5	12 mm	black	28 mm	2	6390 106 022	Raufoss 901 06 022
6 x 1 mm	M12 x 1,5K	22 mm	black	16 mm	2	6791 215 600	Raufoss 901 06 004
6 x 1 mm	1/8"-27 NPTF	23 mm	black	16 mm	1	6799 010 604	Raufoss 901 06 049
8 x 1 mm	M10 x 1	26 mm	black	18 mm	1	6390 108 010	Raufoss 901 08 010
8 x 1 mm	M12 x 1,5	25 mm	black	18 mm	1	6390 108 012	Raufoss 901 08 012
8 x 1 mm	M14 x 1,5	25 mm	black	20 mm	1	6390 108 014	Raufoss 901 08 014
8 x 1 mm	M16 x 1,5	17 mm	black	22 mm	1	6390 108 016	Raufoss 901 08 016
8 x 1 mm	M22 x 1,5	13 mm	black	28 mm	2	6390 108 022	Raufoss 901 08 022
8 x 1 mm	G1/8"	20 mm	black	17 mm	1	6790 108 059	Raufoss 901 08 059
8 x 1 mm	G1/4"	25 mm	black	20 mm	1	6799 010 806	Raufoss 901 08 060
10 x 1 mm	M12 x 1,5	29 mm	light grey	20 mm	1	6390 110 012	Raufoss 901 10 012
10 x 1 mm	M14 x 1,5	29 mm	light grey	20 mm	1	6799 011 001	Raufoss 901 10 014
10 x 1 mm	M16 x 1,5	28 mm	light grey	22 mm	1	6390 110 016	Raufoss 901 10 016
10 x 1 mm	M22 x 1,5	20 mm	light grey	28 mm	2	6390 110 022	Raufoss 901 10 022
10 x 1,25 mm	M12 x 1,5	29 mm	black	20 mm	1	6790 110 112	Raufoss 901 10 112
10 x 1,25 mm	M16 x 1,5	28 mm	black	22 mm	1	6390 110 116	Raufoss 901 10 116
10 x 1,25 mm	M22 x 1,5	20 mm	black	28 mm	2	6390 110 122	Raufoss 901 10 122
10 x 1,5 mm	M12 x 1,5	29 mm	dark grey	20 mm	1	6799 011 021	Raufoss 901 10 212
10 x 1,5 mm	M16 x 1,5	28 mm	dark grey	22 mm	1	6799 099 999	Raufoss 901 10 216
12 x 1,5 mm	M12 x 1,5	30 mm	black	22 mm	1	6390 112 012	Raufoss 901 12 012
12 x 1,5 mm	M16 x 1,5	30 mm	black	22 mm	1	0518 030 060	Raufoss 901 12 016
12 x 1,5 mm	M22 x 1,5	19 mm	black	28 mm	2	6390 112 022	Raufoss 901 12 022
12 x 1,5 mm	G3/8"	30 mm	black	22 mm	1	6790 112 061	Raufoss 901 12 061
14 x 2 mm	M22 x 1,5	23 mm	black	28 mm	1	6790 114 022	Raufoss 901 14 022
15 x 1,5 mm	M16 x 1,5	33 mm	black	28 mm	1	6300 000 030	Raufoss 901 15 016
15 x 1,5 mm	M22 x 1,5	23 mm	black	28 mm	2	6390 115 022	Raufoss 901 15 022
16 x 2 mm	M16 x 1,5	33 mm	black	28 mm	1	6390 116 016	Raufoss 901 16 016
16 x 2 mm	M22 x 1,5	30 mm	black	28 mm	1	6390 116 022	Raufoss 901 16 022

Contents

Number	Pipe Ø	Order no	Comparative no
10 x	8 x 1 mm	0687 000 014	Raufoss 966 08 010
10 x	12 x 1,5 mm	0687 000 024	Raufoss 966 12 710
5 x	15 x 1,5/16 x 2 mm	0677 000 034	Raufoss 966 16 010



Straight plug connector

ABC Threadless

This figure corresponds to 6300 206 004

Connection	Pipe Ø	Head length	Support sleeve colour	Cover colour	Order no	Comparative no
Small	6 x 1 mm	4 mm	black	white	6300 206 004	Raufoss 902 06 004
Regular (brass)	4 x 1 mm	19 mm		green	6799 024 000	Raufoss 902 04 005
Regular	6 x 1 mm	4 mm	black	green	6799 020 600	Raufoss 902 06 005
Regular	8 x 1 mm	8 mm	black	green	6799 020 800	Raufoss 902 08 005
Regular	10 x 1 mm	11 mm	light grey	green	3002 439 556	Raufoss 902 10 005
Regular	10 x 1,25 mm	11 mm	black	green	6790 210 105	Raufoss 902 10 105
Regular	10 x 1,5 mm	11 mm	dark grey	green	6790 210 205	Raufoss 902 10 205
Regular	12 x 1,5 mm	18 mm	black	green	6799 021 200	Raufoss 902 12 005
Heavy Duty	12 x 1,5 mm	18 mm	black	blue	6300 212 006	Raufoss 902 12 006
Heavy Duty	14 x 2 mm	21 mm	black	blue	6790 214 006	Raufoss 902 14 006
heavy duty	15 x 1,5 mm	21 mm	black	blue	0630 215 006	Raufoss 902 15 006
Heavy Duty	16 x 2 mm	21 mm	black	blue	6799 021 600	Raufoss 902 16 006



Straight connector

ABC

Connection 2 x Regular
Length 45 mm

Order no	Comparative no
6799 615 020	Raufoss 961 50 205
6796 150 225	Raufoss 961 50 225



This figure corresponds to 6799 615 020



Pipe joint

Pipe Ø	Order no	Comparative no
6 x 1 mm	6799 056 000	Raufoss 905 06 006
8 x 1 mm	6799 058 000	Raufoss 905 08 008
12 x 1,5 mm	6799 051 201	Raufoss 905 12 012



This figure corresponds to 6799 056 000



Elbow plug connector ABC Push-In

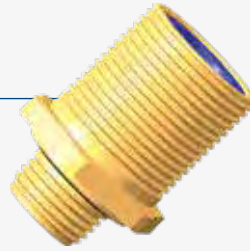


Connection Small
 Pipe Ø 8 x 1 mm
 Angle 90°
 Length 34/18 mm
 Support sleeve colour black

Order no	Comparative no
6390 308 004	Raufoss 903 08 004



Bulkhead adapter with ABC New Line



Pipe Ø 12 x 1,5 mm
 Spanner size 28 mm

Outer thread	Outer thread	Length	Order no	Comparative no
M16 x 1,5	M24 x 1,5	30 mm	6799 091 201	Raufoss 909 12 016
M22 x 1,5	M24 x 1,5	26 mm	6799 091 202	Raufoss 909 12 022



Bulkhead adapter ABC



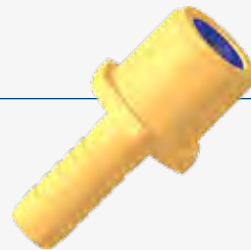
Cover colour green

This figure corresponds to 6793 351 218

Connection	Outer thread	Inner thread	Thread length	Spanner size	Order no	Comparative no
Regular	M18 x 1,5	M12 x 1,5	14 mm	22 mm	6793 351 218	Raufoss 933 51 218
Regular	M22 x 1,5	M16 x 1,5	23 mm	28 mm	6793 351 622	Raufoss 933 51 622
Regular	M16 x 1,5		35 mm	22 mm	6793 352 416	Raufoss 933 52 416
Regular	M18 x 1,5		42 mm	24 mm	6793 352 418	Raufoss 933 52 418
Regular			18 mm	28 mm	6793 352 216	Raufoss 933 52 216
Regular			18 mm	28 mm	6793 352 222	Raufoss 933 52 222
Heavy Duty	M28 x 1,5	M22 x 1,5	24 mm	34 mm	6793 362 228	Raufoss 933 62 228
Regular	M18 x 1,5		22 mm	22 mm	6793 353 418	Raufoss 933 53 418



Hose nipple New Line



Pipe Ø 8 x 1 mm
 Connection-Ø 11 mm
 Thread M22 x 1,5
 Length 20/30 mm
 Spanner size 26 mm

Order no	Comparative no
6799 100 801	Raufoss 910 08 011



Hose connection

Pipe Ø 12 x 1,5 mm
 Connection-Ø 11 mm
 Length 30 mm

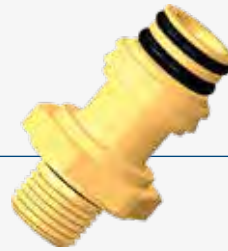
Can only be used in combination with Raufoss New Line connectors 901 12 0XX.



Order no	Comparative no
6794 311 012	Raufoss 943 11 012



Stub connection ABC



Connection	Outer thread	Cover colour	Spanner size	Order no	Comparative no
Regular	M10 x 1	green	18 mm	6793 150 010	Raufoss 931 50 010
Regular	M12 x 1,5	green	18 mm	6799 315 001	Raufoss 931 50 012
Regular	M14 x 1,5	green	20 mm	6799 315 004	Raufoss 931 50 014
Regular	M16 x 1,5	green	22 mm	6799 315 006	Raufoss 931 50 016
Regular	M22 x 1,5	green	28 mm	6799 315 002	Raufoss 931 50 022
Regular	1/8"-27 NPTF	green	18 mm	6793 150 049	Raufoss 931 50 049
Regular	1/4"-18 NPTF	green	18 mm	6793 150 050	Raufoss 931 50 050
Regular	3/8"-18 NPTF	green	18 mm	6793 150 051	Raufoss 931 50 051
Regular	1/2"-14 NPTF	green	22 mm	6793 150 052	Raufoss 931 50 052
Regular	G 1/4"	green	20 mm	6793 150 060	Raufoss 931 50 060
Regular	M12 x 1,5		18 mm	6793 152 412	Raufoss 931 52 412
Regular	R 3/8"	green	22 mm	6799 315 008	Raufoss 931 50 061
Regular	M10 x 1	green	18 mm	6799 314 001	Raufoss 893 920 311 2



Stub connection ABC, extended

Connection Regular
 Outer thread M14 x 1,5
 Cover colour green
 Spanner size 20 mm
 Length 42 mm

Order no	Comparative no
6793 151 014	Raufoss 931 51 014



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COUPLINGS

Stub connection

ABC Small

Outer thread	Spanner size	Order no	Comparative no
M16 x 1,5	22 mm	6793 140 016	Raufoss 931 40 016
1/8"-27 NPTF	16 mm	6793 140 049	Raufoss 931 40 049
1/4"-18 NPTF	16 mm	6793 140 050	Raufoss 931 40 050
3/8"-18 NPTF	18 mm	6793 140 051	Raufoss 93 140 051



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Stub connection

Connection	Outer thread	Order no	Comparative no
Small	G1/8"	6300 258 198	Raufoss 931 40 059
Small	R1/8"	6300 258 199	Raufoss 931 40 069
Regular	R1/4"	6300 258 207	Raufoss 931 50 070
Regular	R3/8"	6300 258 208	Raufoss 931 50 071
Regular	R1/2"	6300 258 209	Raufoss 931 50 072
Heavy Duty	R3/8"	6300 258 210	Raufoss 931 60 071
Heavy Duty	R1/2"	6300 258 211	Raufoss 931 60 072



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COUPLINGS

Stub connection

Heavy Duty

Connection Heavy Duty

Cover colour blue

Outer thread	Spanner size	Order no	Comparative no
M16 x 1,5	22 mm	6793 160 016	Raufoss 931 60 016
1/2"-14 NPTF	22 mm	6793 160 052	Raufoss 931 60 052
3/8"-18 NPTF	22 mm	6793 160 051	Raufoss 931 60 051
M26 x 1,5	32 mm	6793 160 026	Raufoss 931 60 026
M22 x 1,5	28 mm	9010 050 315	Raufoss 931 60 022



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Double bulkhead fitting

ABC

Connection Regular

Cover colour green

This figure corresponds to 6793 450 080

Pipe Ø	Connection thread	Thread length	Spanner size	Order no	Comparative no
	M22 x 1,5	23 mm	28 mm	6793 352 205	Raufoss 933 52 205
8 x 1 mm	M20 x 1,5	18 mm	24 mm	6793 450 080	Raufoss 934 50 080





Circlip
Rotolock

Connection	Spanner size	Colour	Order no	Comparative no
Regular	18 mm	light grey	6799 645 201	Raufoss 964 52 018
Regular	20 mm	dark grey	6799 645 002	Raufoss 964 50 020
Regular	22 mm	light grey	6799 645 020	Raufoss 964 50 022
Regular	28 mm	dark grey	6799 645 202	Raufoss 964 52 028



Elbow plug connector
ABC Push-In, 90°

Connection	Pipe Ø	Length	Support sleeve colour	Order no	Comparative no
Regular	6 x 1 mm	31/21 mm	black	6790 306 005	Raufoss 903 06 005
Regular	8 x 1 mm	33/21 mm	black	3002 439 557	Raufoss 903 08 005
Regular	10 x 1 mm	35/24 mm	light grey	3002 439 558	Raufoss 903 10 005
Regular	10 x 1,25 mm	35/24 mm	black	6790 310 105	Raufoss 903 10 105
Regular	10 x 1,5 mm	35/24 mm	dark grey	6790 310 205	Raufoss 903 10 205
Regular	12 x 1,5 mm	37/24 mm	dark grey	3002 439 559	Raufoss 903 12 205
Heavy Duty	15 x 1,5 mm	46/31 mm	black	6790 315 006	Raufoss 903 15 006
Heavy Duty	16 x 2 mm	46/31 mm	black	6790 316 006	Raufoss 903 16 006



Angled piece
ABC, 45°

Connection	Length	Order no	Comparative no
2 x Regular	2 x 25 mm	3002 439 560	Raufoss 920 50 045
2 x Heavy Duty	2 x 30 mm	6302 060 045	Raufoss 920 60 045



Angled piece
ABC, 90°

Connection	Length	Order no	Comparative no
2 x Regular	2 x 29 mm	6799 205 009	Raufoss 920 50 090
2 x Heavy Duty	2 x 34 mm	6793 700 694	Raufoss 920 60 090

Raufoss™ COUPLINGS

F piece

Connection	Length	Order no	Comparative no
3 x Regular	31/26, 1/27 mm	3002 439 561	Raufoss 920 50 015
3 x Heavy Duty	36,3/30,6/32 mm	6792 060 015	Raufoss 920 60 015



Raufoss™ COUPLINGS

T-piece

ABC

Connection	Length	Order no	Comparative no
3 x Regular	62/26 mm	6799 205 001	Raufoss 920 50 010
3 x Heavy Duty	73/31 mm	6799 206 001	Raufoss 920 60 010
3 x Heavy Duty	28/31 mm	6792 060 025	Raufoss 920 60 025
3 x Regular	27/26 mm	6792 050 025	Raufoss 920 50 025



Raufoss™ COUPLINGS

Y-piece

ABC

Connection Regular Length 54,8 mm

Order no	Comparative no
6799 205 003	Raufoss 920 50 030



Raufoss™ COUPLINGS

3-way angle block

ABC

Connection	Length	Order no	Comparative no
3 x Regular	3 x 28 mm	6792 052 060	Raufoss 920 50 060
3 x Heavy Duty	3 x 33 mm	6799 206 000	Raufoss 920 60 060



Raufoss™ COUPLINGS

4-way angle block

ABC

Connection	Length	Order no	Comparative no
4 x Regular	50/28 mm	6792 050 061	Raufoss 920 50 061
4 x Heavy Duty	59/33 mm	6792 060 061	Raufoss 920 60 061





Cross piece

ABC

Connection	Length	Order no	Comparative no
4 x Regular	4 x 29 mm	3002 439 562	Raufoss 920 50 070
4 x Heavy Duty	4 x 34 mm	6309 206 007	Raufoss 920 60 070



Adapter

ABC, with female thread

Connection Regular
Cover colour green

Inner thread	Spanner size	Order no	Comparative no
M10 x 1	18 mm	6793 150 110	Raufoss 931 50 110
M14 x 1,5	18 mm	6393 150 114	Raufoss 931 50 114
M16 x 1,5	22 mm	3809 203 652	Raufoss 931 50 116
M22 x 1,5	28 mm	6393 150 122	Raufoss 931 50 122
1/8" NPTF	18 mm	6793 150 149	Raufoss 931 50 149
1/4" NPTF	18 mm	6793 150 150	Raufoss 931 50 150
G 1/14"	18 mm	6793 150 160	Raufoss 931 50 160



Test connection

ABC

Connection Regular
Cover colour green
Standard ISO 3583

Order no	Comparative no
3002 411 074	Raufoss 960 50 000



Reducing adapter

ABC

Connection Heavy Duty – Regular
Head length 15,1 mm

Order no	Comparative no
6799 615 010	Raufoss 961 50 106



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Connector
ABC, threadless



Connection	Order no	Comparative no
Small - Small	6306 540 004	Raufoss 965 40 004
Small - Regular	6306 540 005	Raufoss 965 40 005
Regular - Regular	6306 239 738	Raufoss 965 50 005
Regular - Heavy Duty	3809 977 924	Raufoss 965 50 006
Heavy Duty - Heavy Duty	6306 560 006	Raufoss 965 60 006



Plug
ABC, threadless



Connection	Cover colour	Order no	Comparative no
Small	white	6306 240 000	Raufoss 962 40 000
Regular	green	6396 250 000	Raufoss 962 50 000
Heavy Duty	blue	6306 260 000	Raufoss 962 60 000



Plug
for push-fit connection



Size	Order no	Comparative no
4 x 1,0	6799 621 000	Raufoss 962 10 004
6 x 1,0	6799 621 064	Raufoss 962 10 006
8 x 1,0	6796 210 008	Raufoss 962 10 008

Size	Order no	Comparative no
10 x 1/10 x 1,25/10 x 1,5	6799 621 111	Raufoss 962 10 010
15 x 1,5	6396 210 010	Raufoss 962 10 015
16 x 2,0	6306 210 016	Raufoss 962 10 016



Plug
for transport protection



Size	Colour	Order no	Comparative no
6 x 1	red	6799 670 600	Raufoss 967 06 000
6 x 1	yellow	6799 670 601	Raufoss 967 06 010
10 3/8"	red	6796 710 000	Raufoss 967 10 000

Size	Colour	Order no	Comparative no
12 x 1,5	red	6799 671 200	Raufoss 967 12 000
15 x 1,5	yellow	6799 671 500	Raufoss 967 15 010
16 x 2	red	6799 671 600	Raufoss 967 16 000



Dismantling tool set Professional

Material aluminium

Application range

for releasing pipes from ABC couplings

Scope of supply

1 each of pipe \varnothing 6 x 1,0/8 x 1,0/10 x 1,0/12 x 1,5/15 x 1,5/16 x 2,0

It is recommended that a maximum of 5 assemblies and disassemblies are performed, for the service life of the push-fit connections.

Version	Order no	Comparative no
6-piece	6302 600 970	Raufoss 2600970



Dismantling tool

Version Standard

Pipe \varnothing	Order no	Comparative no
10 x 1/10 x 1,25/10 x 1,5 mm, 3/8"	3807 000 074	Raufoss 966 10 010
14 x 2 mm	6796 614 010	Raufoss 966 14 010
15 x 1,5 mm	0687 000 084	Raufoss 966 15 010



Dismantling tool

Version Professional

Pipe \varnothing 6 x 1 mm

Order no	Comparative no
0997 000 114	Raufoss 966 06 020



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COUPLINGS

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Scope of supply

1 x ABC connector, Regular, M16 x 1,5	1 x ABC connector, straight, Regular, length 45 mm
1 x ABC straight connector New Line, pipe \varnothing 8 x 1 mm, M16 x 1,5	1 x ABC Tee, Regular, length 62/26 mm
1 x ABC straight connector New Line, pipe \varnothing 12 x 1,5 mm, M16 x 1,5	1 x ABC elbow, 90°, Regular, length 29 mm
2 x ABC straight connector threadless, Regular, pipe \varnothing 8 x 1,0	1 x dismantling tool, standard, pipe \varnothing 8 x 1,0
2 x ABC straight connector threadless, Regular, pipe \varnothing 12 x 1,5	1 x dismantling tool, standard, pipe \varnothing 12 x 1,5
	1 x adapter, outside thread M22 x 1,5, inside thread M16 x 1,5

Version	Order no	Comparative no
13-piece	6301 942 000	Raufoss 194200



Raufoss™
COUPLINGS

Screw joint case for RAUFOSS ABC system

Scope of supply

3 x ABC connection pieces, Regular, M12 x 1,5	1 x Rotolock, Regular, hex 22 mm
2 x ABC connection pieces, Regular, M14 x 1,5	2 x Rotolock, Regular, hex 28 mm
5 x ABC connection pieces, Regular, M16 x 1,5	3 x plugs for connectors, pipe \varnothing 8 x 1 mm
3 x ABC connection pieces, Regular, M22 x 1,5	3 x plugs for connectors, pipe \varnothing 12 x 1,5 mm
2 x ABC connection pieces, Heavy Duty, M16 x 1,5	2 x ABC threadless connector, Regular, pipe \varnothing 6 x 1 mm
2 x ABC connection pieces, Heavy Duty, M22 x 1,5	5 x ABC threadless connector, Regular, pipe \varnothing 8 x 1 mm
3 x ABC New Line straight connectors, M12 x 1,5, pipe \varnothing 6 x 1 mm	5 x ABC threadless connector, Regular, pipe \varnothing 12 x 1,5 mm
3 x straight connectors ABC New Line, M16 x 1,5, pipe \varnothing 6 x 1 mm	2 x ABC threadless connector, Regular, pipe \varnothing 16 x 2 mm
5 x ABC New Line straight connectors, M12 x 1,5, pipe \varnothing 8 x 1 mm	5 x ABC straight connectors, Regular, length 45 mm
5 x straight connectors ABC New Line, M16 x 1,5, pipe \varnothing 8 x 1 mm	5 x 90° elbows, Regular, length 29 mm
3 x straight connectors ABC New Line, M22 x 1,5, pipe \varnothing 8 x 1 mm	2 x 90° elbows, Heavy Duty, length 34 mm
5 x straight connectors ABC New Line, M16 x 1,5, pipe \varnothing 12 x 1,5 mm	3 x T & L pieces, Regular, length 62/26 mm
3 x straight connectors ABC New Line, M22 x 1,5, pipe \varnothing 12 x 1,5 mm	1 x T & L piece, Heavy Duty, length 73/31 mm
2 x straight connectors ABC New Line, M16 x 1,5, pipe \varnothing 16 x 2 mm	2 x Y pieces, Regular, length 55 mm
3 x straight connectors ABC New Line, M22 x 1,5, pipe \varnothing 16 x 2 mm	2 x ABC reducers, Regular, length 15 mm
1 x Rotolock, Regular, hex 18 mm	2 x dismantling tool, standard, pipe \varnothing 6 x 1 mm
2 x Rotolock, Regular, hex 20 mm	2 x dismantling tool, standard, pipe \varnothing 8 x 1 mm
	2 x dismantling tool, standard, pipe \varnothing 12 x 1,5 mm

Version	Order no	Comparative no
101-piece	6302 600 960	Raufoss 2600960



Screw joint case for RAUFOSS ABC system

Scope of supply

- 3 x connectors ABC, Regular, M12 x 1,5
- 1 x connector ABC, Regular, M14 x 1,5
- 3 x connectors ABC, Regular, M16 x 1,5
- 3 x connectors ABC, Regular, M22 x 1,5
- 1 x bulkhead muff, Regular, male thread M22 x 1,5, internal thread M16 x 1,5
- 2 x adapter, rotolock, Regular, internal Ø 22 mm
- 3 x adapter, rotolock, Regular, internal Ø 28 mm
- 3 x straight plug connectors, ABC threadless, tube Ø 6 x 1, Regular
- 3 x straight plug connectors, ABC threadless, tube Ø 8 x 1, Regular
- 3 x straight plug connectors, ABC threadless, tube Ø 10 x 1, Regular
- 2 x straight plug connectors, ABC threadless, tube Ø 10 x 1,25, Regular
- 2 x straight plug connectors, ABC threadless, tube Ø 12 x 1,5, Regular

- 2 x elbow plug connectors, ABC push-in, tube Ø 6 x 1, Regular
- 2 x elbow plug connectors, ABC push-in, tube Ø 8 x 1, Regular
- 2 x elbow plug connectors, ABC push-in, tube Ø 10 x 1, Regular
- 2 x elbow plug connectors, ABC push-in, tube Ø 10 x 1,25, Regular
- 1 x elbow plug connectors, ABC push-in, tube Ø 12 x 1,5, Regular
- 2 x angled piece, 45°, Regular
- 2 x angled piece, 90°, Regular
- 2 x F piece, Regular
- 2 x T piece, Regular
- 2 x Y piece, Regular
- 2 x 3 way angle block, Regular
- 2 x cross piece, Regular
- 1 x 4 way angle block, Regular

Version	Order no	Comparative no
53-piece	6792 600 967	Raufoss 2600967



Screw joint case for RAUFOSS ABC system

Scope of supply

- 2 x connectors, Heavy Duty, M22 x 1,5
- 2 x adapter, rotolock, Heavy Duty, 28 mm
- 2 x straight plug connectors, ABC threadless, tube Ø 15 x 1,5, Heavy Duty
- 2 x straight plug connectors, ABC threadless, tube Ø 16 x 2, Heavy Duty
- 2 x elbow plug connectors, ABC push-in, tube Ø 15 x 1,5, Heavy Duty
- 2 x elbow plug connectors, ABC push-in, tube Ø 16 x 2, Heavy Duty
- 2 x T piece, Heavy Duty

- 2 x F piece, Heavy Duty
- 2 x reducer adapter, Heavy Duty – Regular
- 2 x connector, threadless, Regular – Regular
- 2 x connector, threadless, Regular – Heavy Duty
- 2 x test connection, Regular
- 2 x adapter, Regular, internal thread, M12 x 1,5
- 2 x adapter, Regular, internal thread, M16 x 1,5

Version	Order no	Comparative no
20-piece	6792 600 968	Raufoss 2600968

WABCO**Diagnostic case**
for trailer**Scope of supply**

trailer EBS interface cable, trailer VCS I/II, CAN adapter cable, diagnostic interface set, CAN adapter, trailer connection cable

Order no

0763 010 230

Comparative no

WABCO 446 301 023 0

**WABCO****Diagnostic interface set**

DI-2, for trailers

Version USB 2.0

Order no

0443 010 300

Comparative no

WABCO 446 301 030 0

**WABCO****Diagnosis cable**

for LIN ultrasonic sensor

Working length 6000 mm

Order no

3808 060 600

Comparative no

WABCO 449 806 060 0



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branch now
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finder!





WABCO

This figure corresponds to 3807 310 751

Wheel module

ITVM

Version with external sensor

Angle	Order no	Comparative no
33°	3809 607 310	WABCO 960 731 063 0
60°	0367 310 550	WABCO 960 731 055 0
60°	0767 310 510	WABCO 960 731 051 0
70°	3807 310 310	WABCO 960 731 031 0
90°	3807 310 170	WABCO 960 731 017 0
90°	3807 319 203	WABCO 960 731 920 2
90°	3807 310 010	WABCO 960 731 001 0
90°	0767 310 210	WABCO 960 731 021 0
90°	3807 310 190	WABCO 960 731 019 0
170°	3807 310 030	WABCO 960 731 003 0
170°	3807 310 130	WABCO 960 731 013 0
170°	3807 310 530	WABCO 960 731 053 0
170°	3807 310 570	WABCO 960 731 057 0
170°	3807 310 610	WABCO 960 731 061 0
170°	3807 310 710	WABCO 960 731 071 0
170°	3807 310 731	WABCO 960 731 073 0
170°	3807 310 751	WABCO 960 731 075 0

Accessories

ITVM

Description	Order no	Comparative no
Control unit, ECU	0762 200 130	WABCO 446 220 013 0
Extension	3800 607 318	WABCO 960 731 827 0
Extension	3809 607 319	WABCO 960 731 825 0
Extension	3807 318 220	WABCO 960 731 822 0
Extension	0767 318 040	WABCO 960 731 804 0
Extension	3807 318 080	WABCO 960 731 808 0
Extension	3807 318 210	WABCO 960 731 821 0
Valve extension	3807 318 030	WABCO 960 731 803 0
Valve extension	0517 318 000	WABCO 960 731 800 0
Valve extension	3800 100 572	WABCO 987 010 057 2
Balancing weight	3807 308 222	WABCO 960 905 822 4
Balancing weight	3807 308 223	WABCO 960 730 822 2
Balancing weight	3807 308 283	WABCO 960 730 822 2
Balancing weight	3807 308 324	WABCO 960 730 832 4
Coupling cable	3809 161 820	WABCO 449 916 182 0
Coupling cable	3809 270 500	WABCO 449 927 050 0



WABCO

Wheel module for OptiTire tyre pressure monitoring

Version with external sensor

This figure corresponds to 3807 330 000

Angle	Order no	Comparative no
90°	0767 310 110	WABCO 960 731 011 0
	3807 330 000	WABCO 960 733 000 0
	3800 310 810	WABCO 960 731 081 0
170°		

Accessories

OptiTire™

Description	Order no	Comparative no
Control unit, ECU Opti Tire	3802 201 000	WABCO 446 220 100 0
Control unit, ECU IVTM Trailer Retrofit	3802 201 100	WABCO 446 220 110 0
Plastic pipe	0767 318 020	WABCO 960 731 802 0
Connection pipe, 90°, Length 350 mm	0767 318 010	WABCO 960 731 801 0
Wiring harness, 2 x sensor socket 3-pin	3806 072 950	WABCO 894 600 024 0
Wiring harness, Diagnosis socket with blue cap 7-pin Bayonet socket 7-pin	3806 743 060	WABCO 449 674 306 0
Valve set for TPMS	3807 321 010	WABCO 960 732 101 0
Valve set for TPMS	3807 321 020	WABCO 960 732 102 0
Valve set for TPMS	3807 321 330	WABCO 960 732 133 0
Sensor Wheel Internal sensor	3807 320 000	WABCO 960 732 000 0
Coupling cable, Length 6000 mm	3806 010 600	WABCO 449 601 060 0
Coupling cable, Length 7000 mm	3806 742 731	WABCO 449 674 273 0
Coupling cable, Length 12000 mm	3809 271 200	WABCO 449 927 120 0
Coupling cable, Length 25000 mm	3803 762 501	WABCO 449 376 250 0
Balancing weight	3809 058 214	WABCO 960 905 821 4
Balancing weight	3809 058 234	WABCO 960 905 823 4
Balancing weight	3809 058 244	WABCO 960 905 824 4
Balancing weight	3807 308 205	WABCO 960 730 820 4
Bracket	0769 010 504	WABCO 960 901 050 4
Tightening strap, 17,5"	3807 331 170	WABCO 960 733 117 0
Tightening strap, 19,5"	3807 331 190	WABCO 960 733 119 0
Tightening strap, 22,5"	3807 331 220	WABCO 380 733 122 0
Tightening strap, 24,5"	3807 331 240	WABCO 960 733 124 0

EURO PART



to be *continued*

WABCO VCS trailer ABS

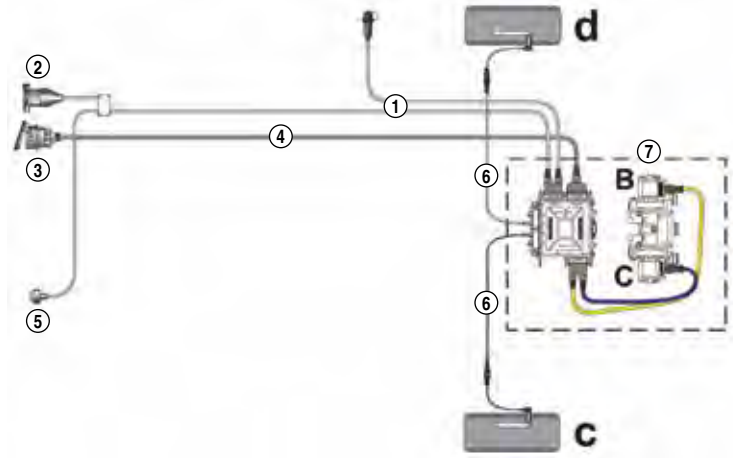


2

System and components

2S/2M system semi-trailer (basic version)

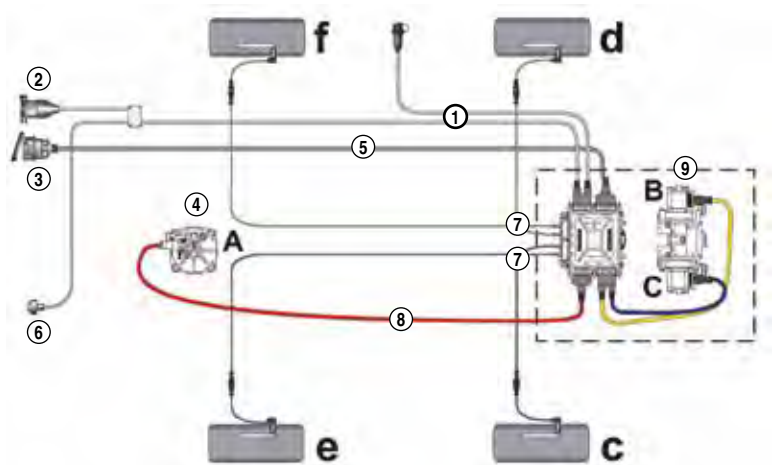
- ① Diagnosis and 24N supply cable (optional only with mixed supply)
- ② ISO 1185 (24N)
- ③ ISO 7638
- ④ ISO supply
- ⑤ External warning lamp
- ⑥ Sensor extension cable
- ⑦ VCS unit



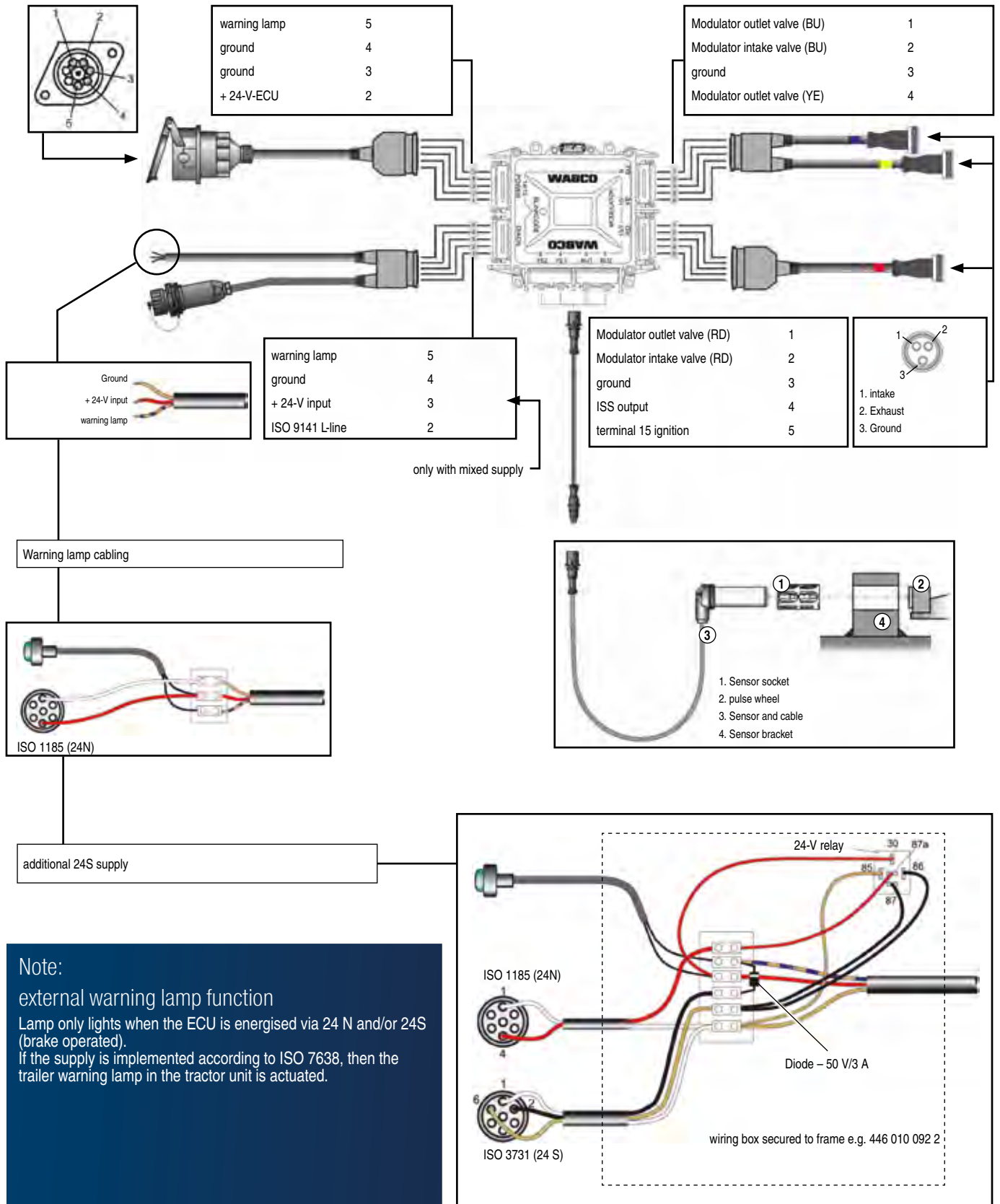
		needed for ...			
ISO supply cable (SA)		▲	▲	VCS unit	
ISO supply cable (2-part, SA)		▲	▲		
ISO supply cable (DA)		▼	▲		4S/3M – with screwed-on 3rd ABS relay valve
Diagnosis and 24N supply optional only with mixed supply		▼	▲		
Solenoid cable		▼	▲		4S/3M – with separate 3rd ABS relay valve (not contained in scope of delivery)
Sensor extension cable		▼	▲		
Diagnosis cable with ISO supply		▼	▲		

4S/3M system – drawbar trailer (basic version)

- ① Diagnosis and 24N supply cable (optional only with mixed supply)
- ② ISO 1185 (24N)
- ③ ISO 7638
- ④ ABS relay valve
- ⑤ ISO supply
- ⑥ External warning lamp
- ⑦ Sensor extension cable
- ⑧ Solenoid cable
- ⑨ VCS unit



Wiring diagram



Note:

external warning lamp function

Lamp only lights when the ECU is energised via 24 N and/or 24S (brake operated).
If the supply is implemented according to ISO 7638, then the trailer warning lamp in the tractor unit is actuated.

WABCO VCS trailer ABS



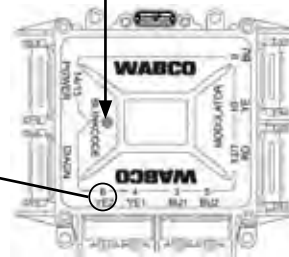
Diagnosis

Note:
For diagnosis with mixed supply (ISO 7638/24N), supply must take place via 24N (operate brake)

1. Flashing code – integrated LED

The LED flashing code starts immediately after the fault occurs
 – flashes out a plain number code
 – marked number on the housing corresponds to the numerical code.

Example:
 LED flashes 6 x
 Faulty component is YE2
 Sensor and/or cable from socket YE2 is faulty



2. Flashing code - Compact Tester

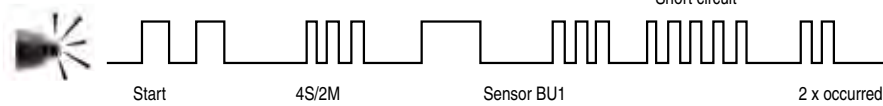
(a complete set of instructions for the tests is supplied with every device)



flashing code connector 446 300 334 0

Normal mode: press the button once, flashing code output as described under 1.
Expert mode: press the button twice, system identification and fault memory is read out

Example:



Additional functions:
 System (name) e.g. 2S/2M system change to 4S/2M
 Commissioning cycle after first installation or extensive repairs
 Clear fault memory (there must not be any current faults present)



Compact Tester 446 300 400 0

LED display – no flashing code count
Display:
 installed system e.g. UCS = VCS
 fault code e.g. 4 7 1 = sensor D (YE1) air gap too large, 1 x occurred
 system configuration e.g. 4 - 2 = 4S/2M system
Special functions:
 – system (name) e.g. 2S/2M system change to 4S/2M
 – commissioning cycle after first installation or extensive repairs
 – function test – assignment and control of sensor/modulator
 – read out mileage recorder
 – speed-dependent switch: read out gear shift shaft
 – service signal: read out distance

3. Diagnostic Controller + Program Card



Diagnostic Controller 446 300 331 0

A comprehensive diagnosis can be performed with this.
 A multimeter is also integrated into the controller.
 On-line help in clear text for every point of the diagnosis.
 The test of the ABS system can be printed out as a log.

4. PC diagnosis



Diagnostic Interface with connection cable
 446 301 021 0



VCS software
 446 301 501 0

Functions similar to the Diagnostic Controller.

Hardware requirements:
 Notebook/Laptop 486 PC and higher, 4 MB main storage, colour display, approx. 5 MB free hard drive space, 3 1/2" floppy drive, COM port (9-pole) for the diagnostic interface, Windows 3.xx/95, interface with connection cable, interconnecting cable interface/electronics or diagnostic socket (as for Diagnostic Controller)

Fault analysis

Please note the following (also see wiring diagram above):

System	modulator			sensor			
	RD (A)	YE (B)	BU (C)	BU1 (c)	BU2 (e)	YE1 (d)	YE2 (f)
2S/2M		✓	✓	✓		✓	
4S/2M		✓	✓	✓	✓	✓	✓
4S/3M	✓	✓	✓	✓	¹ ✓	✓	¹ ✓





¹ BU2 and YE2 sensed wheels are actuated via modulator RD

Important instruction:



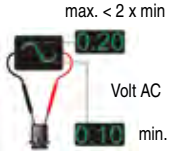
Make certain that there is no power to the ECU before the following example tests are started. All the sensors and modulators must be correctly connected before restarting the vehicle, otherwise new fault codes will be stored in fault memory.

Sensors





air gap:
Example: wheel e (BU2)

 Disconnect the sensor connector BU2	 Raise the wheel and turn it by hand approx. 2 km/h	 Sensor voltage min. 0,1 V AC Volt AC	 Insert the sensor
---	--	--	--


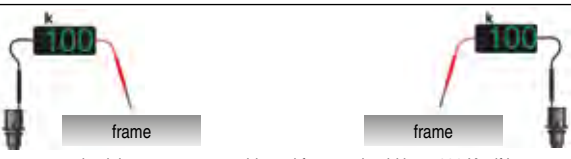
speed jump/intermittent open circuit:
Example: wheel c (BU1)

 Disconnect the sensor connector BU1	 Raise the wheel and turn it by hand approx. 2 km/h	 Sensor voltage max. < 2 x min. max. < 2 x min Volt AC min.	<p>pulse wheel axial eccentricity (max. 0,2 mm/revolution) damage to the pulse wheel too much play in wheel bearing secure sensor mounting</p> <p>Check:</p>
--	---	--	--

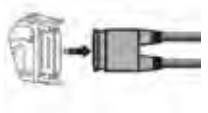
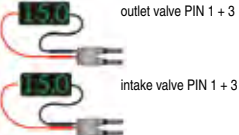


split cable/short circuit:
Example: Sensor d (YE1)

 Disconnect the sensor connector YE1	 Test sensor resistance should be 1,0-1,3 K	 If the value is NOT ok Separate the connection from the sensor	 Check the resistance directly to localise the fault
---	---	--	--

if OK

 Connect sensor with sensor extension	 Check for an open circuit between sensor cable and frame - should be > 100 K – if incorrect, damaged insulation (contact to frame), change faulty components according to the earlier measurement.	
---	--	--

Modulator:
Example: cable break modulator C (BU)

 separate connection „Y“ designation on the ECU	 Check resistance: intake and outlet valves outlet valve PIN 1 + 3 intake valve PIN 1 + 3	 Check resistance between PIN 1 + 2	 If open circuit or short circuit - check the modulator resistance to find the location of the fault.
---	---	--	---

Power supply connection cable:

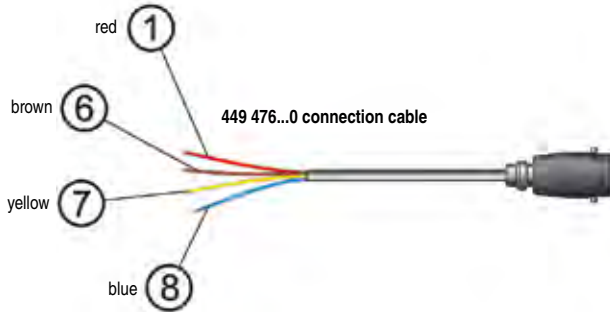
The most frequent causes are blown fuses, damaged cables and bad connections at the connecting plugs or in the distribution box. Check all in sequence for a short circuit. In many cases checking with a test lamp is better than using a multimeter - especially on connections with high resistances.

WABCO Trailer EBS-D Generation

2

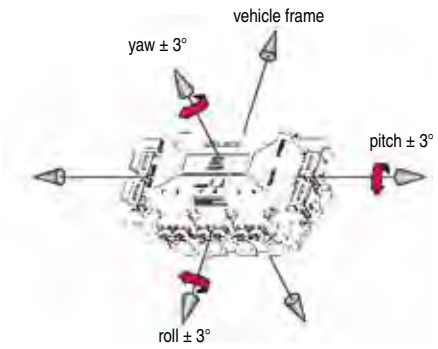
IN/OUT2

external brake pressure sensor/telematics

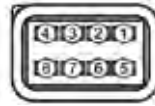


- ① switch output 3/external brake pressure sensor (terminal 15, 3A)
- ② ground ECU
- ③ input external brake pressure sensor
- ⑤ optional terminal 30 (not fused)
- ⑥ ground ECU
- ⑦ CAN 2 – High
- ⑧ CAN 2 – Low

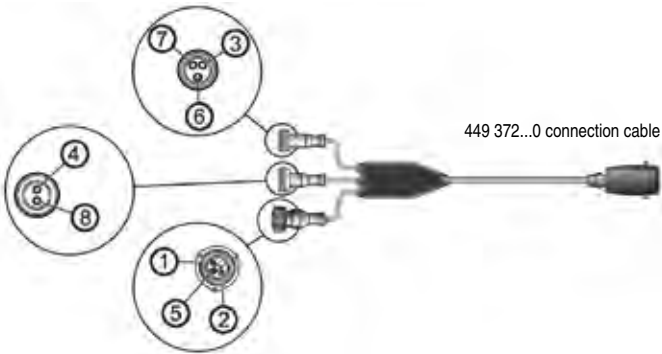
RSS installation specification



permitted angle deviation on installation



Modulator – 3. modulator

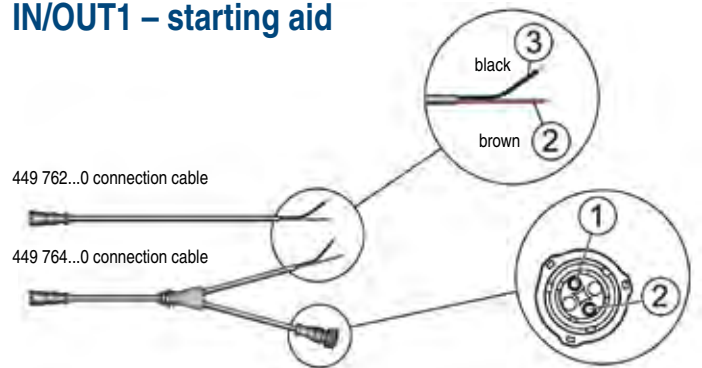


- ① switch output 3 (terminal 15, 3 A)
- ② ground ECU
- ③ outlet valve + 24 V
- ④ Redundancy valve + 24 V
- ⑤ input pressure sensor EBS relay valve
- ⑥ solenoid valve ground
- ⑦ intake valve + 24 V
- ⑧ Redundancy valve ground

rotational speed sensors f, d

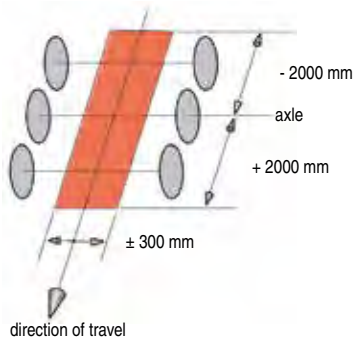


IN/OUT1 – starting aid



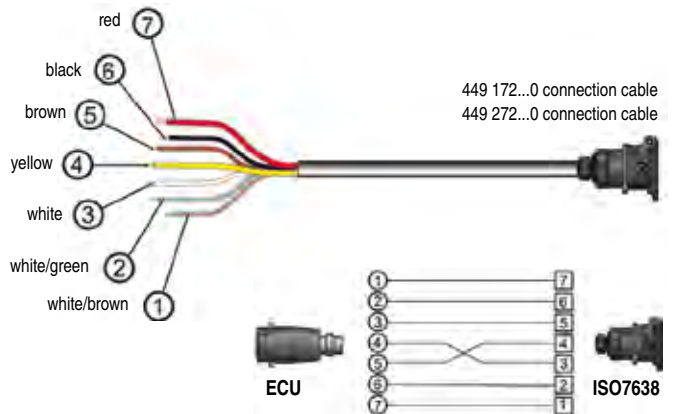
- ① switch output 5 (24 V)
- ② ground ECU
- ③ input external axle load sensor/starting aid

Installation constraints for safeguarding the RSS function
- for modulator 480 102 014 0



Modulator installation constraints

Power – ISO 7638/TCE

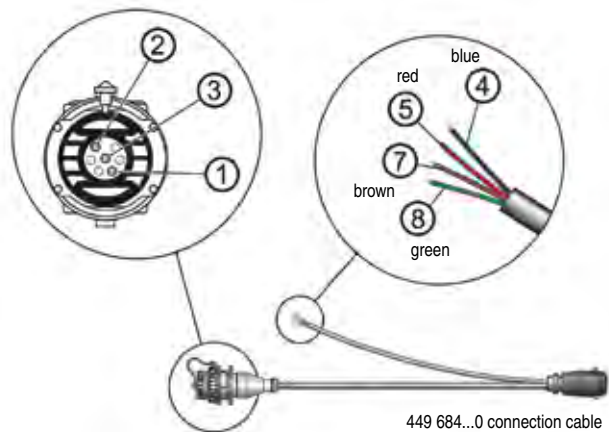


- ① CAN Low (Standard 24 V, TCE 5 V)
- ② CAN High (Standard 24 V, TCE 5 V)
- ③ warning lamp (not in the TCE version)
- ④ ground ECU (not in the TCE version)
- ⑤ ground valve (terminal 31) (ground in the TCE version)
- ⑥ 24 V ECU (terminal 15) (not in the TCE version)
- ⑦ 24 V terminal 30 (plus in the TCE version)



DIAGN.

Diagnosis/brake light/ISS/ILS/ECAS/ELM/battery

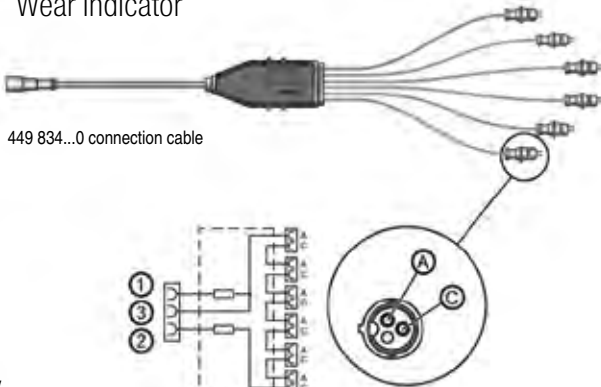


- ① ISO 9141 K-line
- ② switch output 4 (diagnosis supply)
- ③ ground ECU
- ④ switch output 2 (ECAS/ELM/IL32)
- ⑤ brake light +
- ⑥ Output battery charging (ECAS)
- ⑦ ground ECU (brake light -)
- ⑧ switch output 1 (ISS/ILS 1)

rotational speed sensors c, e



Wear indicator




WABCO Trailer EBS E – System Overview

Standard with conventional air suspension

2

1 Lift axle valve (LACV II)



463 084 031 0
463 084 041 0 with plug-in connectors

2 air suspension valve


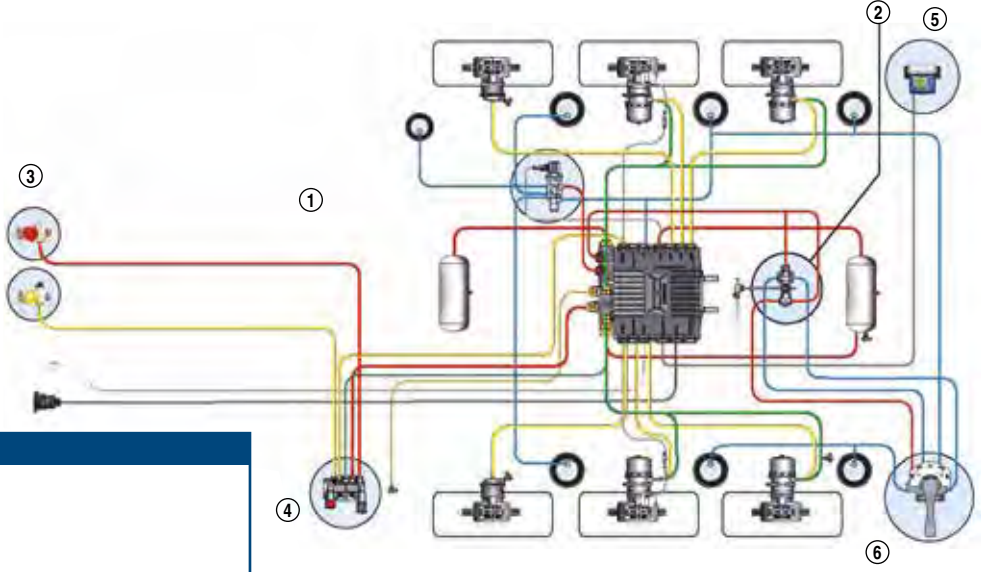


464 006 002 0 with integrated height limitation
464 006 100 0 with plug-in connectors
433 401 003 0 joint


3 Coupling head with integrated filter

supply
952 201 012 0
952 201 015 0 with plug-in connectors

brake
952 201 011 0
952 201 014 0 with plug-in connectors and test connection

4 Park release safety valve



Cross-ref no.	plug connector	plate	test connection
971 002 900 0	X	✓	X
971 002 902 0	X	X	X
971 002 910 0	✓	X	X
971 002 911 0	✓	X	X
971 002 912 0	✓	✓	✓


5 Information system



446 192 110 0 SmartBoard

6 air spring control

Rotary valve
463 032 020 0
463 032 220 0 with plug-in connectors



Trailer EBS E Modulator



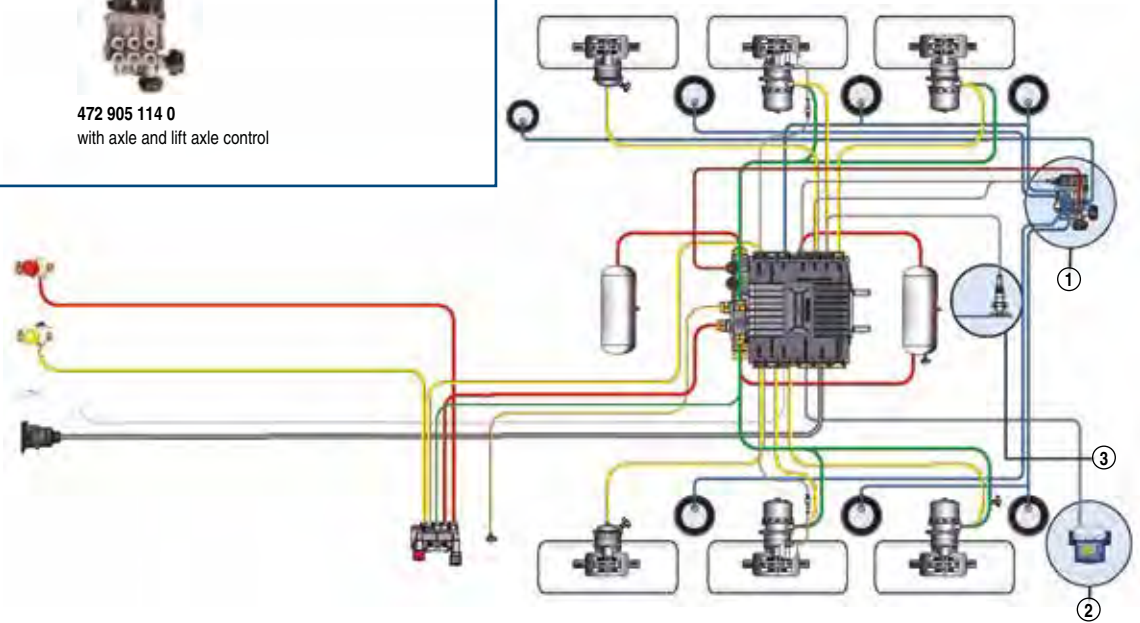
with PEM (Pneumatic Extension Module)

Comparative no	System	leaf spring suspension support	integrated air suspension control	GIOS number	PEM	plug connector	assisted supply	air suspension pipework
480 102 030 0	Standard, 2S/2M	X	X	4	X	X		
480 102 031 0	Standard, 2S/2M	X	X	4	✓	✓	∅ 16 x 2	∅ 8 x 2
480 102 032 0	Standard, 2S/2M	X	X	4	X	✓		
480 102 033 0	Standard, 2S/2M	X	X	4	✓	✓	∅ 15 x 1,5	∅ 12 x 1,5
480 102 034 0	Standard, 2S/2M	X	X	4	✓	X		
480 102 060 0	Premium, max. 4S/3M	✓	✓	7	X	X		
480 102 061 0	Premium, max. 4S/3M	✓	✓	7	✓	✓	∅ 16 x 2	∅ 8 x 1
480 102 062 0	Premium, max. 4S/3M	✓	✓	7	X	✓		
480 102 063 0	Premium, max. 4S/3M	✓	✓	7		✓	∅ 15 x 1,5	∅ 12 x 1,5
480 102 064 0	Premium, max. 4S/3M	✓	✓	7		X		



Premium with electronic air suspension

Diagnosis Trailer EBS E		
 Diagnosis interface with USB port 446 301 022 0	 Diagnosis cable 446 300 361 0	 connection adapter ISO 7638 with CAN socket 446 300 360 0
Option 2		
 Diagnosis interface with serial port 446 301 021 0	 CAN converter 446 300 470 0	 connection adapter ISO 7638 with CAN socket 446 300 360 0
Option 3		
 Diagnosis interface USB or serial	 Diagnosis cable 446 300 348 0	 Diagnosis connection with yellow cap (only premium ECU) 449 611...0

1 ECAS solenoid valve	
 472 880 030 0 with axle control	 472 905 114 0 with axle and lift axle control



2 air spring control			
 Operating unit 446 056 25. 0 Tractor unit and trailer control from the cab - requires WABCO CAN2 modulator	 ECAS operating box 446 156 010 0 with axle control 446 156 011 0 with axle and lift axle control	 ECAS operating unit 446 156 010 0 with axle control 446 156 011 0 with axle and lift axle control	 SmartBoard 446 192 110 0

3 ECAS-Sensor
 441 050 100 0 Path sensor
 441 050 718 2 Lever
 443 401 003 0 joint


WABCO Trailer EBS E - connections

2

Trailer EBS E Modulator: Connections for cables and pipes

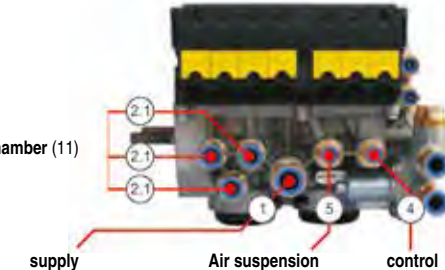
cable connections

GENERIC IN/OUTPUTS	
GIO5	modulator
GIO4	Power
GIO3	Subsystems
GIO2	
GIO1	IN/OUT
ABS-f/GIO6	GIO7/ABS-e
ABS-d	ABS-c







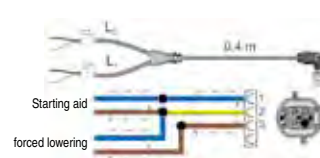
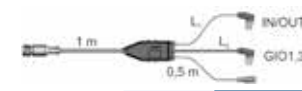



S Standard
P Premium

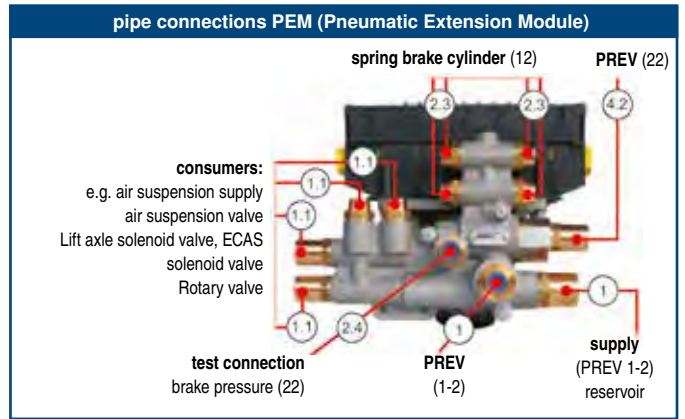
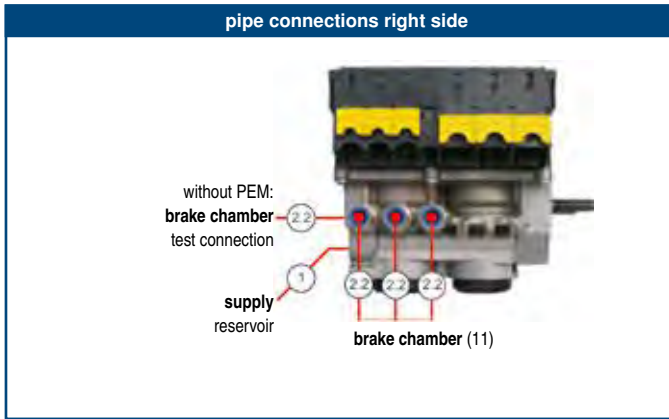
pipe connections left side



brake chamber (11)
 supply reservoir
 Air suspension bellows pressure
 control PREV (connection 21)

Cable for the connection trailer EBS E modulator

GIO	
<p>S P</p> <p>wear indicator BVA</p> <p>449 816 013 0</p> <p>449 816 030 0</p>	 <p>GIO1+3</p> <p>GIO1+3</p> <p>1,3 m</p> <p>3 m</p>
<p>S P</p> <p>adaptor</p> <p>449 819 010 0</p>	 <p>GIO1...4</p> <p>GIO1...7</p> <p>1 m</p>
<p>S P</p> <p>GIO - open end</p> <p>449 535 060 0</p> <p>4-core cable for multi-occupancy of GIOs</p>	 <p>GIO1...4</p> <p>GIO1...7</p> <p>6 m</p>
<p>S P</p> <p>Starting aid</p> <p>449 813 050 0</p>	 <p>GIO1+3</p> <p>GIO1+3</p> <p>5 m</p>
<p>S P</p> <p>starting aid/forced lowering</p> <p>449 815 253 0</p> <p>449 815 258 0</p>	 <p>GIO1+3</p> <p>GIO1+3</p> <p>L1/L2</p> <p>6/6 m</p> <p>15/6 m</p>
<p>S P</p> <p>24N/TH/forced lowering</p> <p>449 356 023 0</p>	 <p>GIO1+3 IN/OUT</p> <p>GIO1+3 IN/OUT</p> <p>L1/L2</p> <p>1/0,4 m</p>
<p>S P</p> <p>Lift axle valve, RTR</p> <p>449 443 008 0</p> <p>449 443 010 0</p> <p>449 443 020 0</p> <p>449 443 040 0</p> <p>449 443 060 0</p> <p>449 443 100 0</p>	 <p>GIO1...4</p> <p>GIO1...7</p> <p>0,8 m</p> <p>1 m</p> <p>2 m</p> <p>4 m</p> <p>6 m</p> <p>10 m</p>
<p>SP</p> <p>Pressure sensor</p> <p>449 812 030 0</p> <p>449 812 100 0</p> <p>axle load sensor or control line pressure sensor</p>	 <p>GIO1+3</p> <p>GIO1+3</p> <p>3 m</p> <p>10 m</p>
<p>P</p> <p>Diagnosis</p> <p>449 611 030 0</p> <p>449 611 040 0</p> <p>449 611 060 0</p> <p>449 611 080 0</p>	 <p>GIO5</p> <p>3 m</p> <p>4 m</p> <p>6 m</p> <p>8 m</p>



GIO

P		GIO5
Telematics		1 m
449 915 010 0		
P		GIO2+3
ECAS solenoid valve		1 m
449 445 010 0		3 m
449 445 030 0		5 m
449 445 050 0		
P		GIO1+4
Path sensor		1 m
449 811 010 0		5 m
449 811 050 0		8 m
449 811 080 0		
P		GIO4
External ECAS		5 m
449 438 050 0		
S P		GIO6+7
ABS sensor + GIO6/7		L1/L2
449 818 022 0		0,4/0,4 m
S P		GIO1...3 GIO1...7
Y cable for GIO		0,4/0,4 m
449 629 022 0		

ABS sensor c, d, e, f

S P		ABS c+d	ABS c...f
sensor			
449 723 003 0			0,3 m
449 723 018 0			1,8 m
449 723 023 0			2,3 m
449 723 030 0			3 m
449 723 040 0			4 m
449 723 080 0			8 m
449 723 100 0			10 m

modulator

S P		modulator
EBS relay valve		1 m
449 429 010 0		3 m
449 429 030 0		8 m
449 429 080 0		
S P		modulator
ABS relay valve		3 m
449 436 030 0		8 m
449 436 080 0		

WABCO Trailer EBS E - connections

Cable for the connection trailer EBS E modulator

2

Subsystems		
S P SmartBoard	Subsystems	Subsystems
	449 911 040 0	4 m
	449 911 060 0	6 m
	449 911 120 0	12 m
S P Universal 8-core	Subsystems	Subsystems
	449 437 020 0	2 m
	449 437 060 0	6 m
S P SmartBoard + IVTM	Subsystems	Subsystems
		L1/L2
	449 916 182 0	0,4/4 m
449 916 253 0	6/6 m	
S P ECAS operating box	Subsystems	Subsystems
	449 627 060 0	6 m
S P ECAS operating unit	Subsystems	Subsystems
	449 628 050 0	5 m
S P Telematics	Subsystems	Subsystems
	449 914 010 0	1 m
S P IVTM ECU	Subsystems	Subsystems
	449 913 050 0	5 m

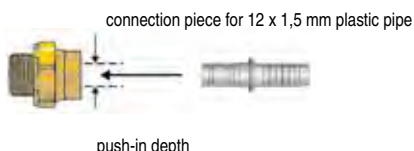
Power		
S P ISO 7638 semi-trailer	Power	Power
	449 173 090 0	9 m
	449 173 120 0	12 m
	449 173 130 0	13 m
	449 173 150 0	15 m
S P ISO 7638 drawbar trailer	Power	Power
	449 273 060 0	6 m
	449 273 100 0	10 m
	449 273 120 0	12 m
S P ISO 7638 Adapter	Power	Power
	449 347 003 0 ①	0,3 m
	449 347 025 0 ①	2,5 m
	449 353 110 0 ②	11 m
	449 353 140 0 ②	14 m
S P ISO 7638 open end	Power	Power
	449 371 120 0	12 m
	449 371 180 0	8 m

IN/OUT		
S P ISO 1185 (24 N)	IN/OUT	IN/OUT
	449 349 040 0	4 m
	449 349 060 0	6 m
	449 349 100 0	10 m
	449 349 150 0	15 m
S P ISO 1185 (24 N)	IN/OUT	IN/OUT
	449 350 010 0	1 m
S P TCE (plug-in position X22)	IN/OUT	IN/OUT
	449 348 020 0	2 m

Installation instructions

connection „New Line“ system

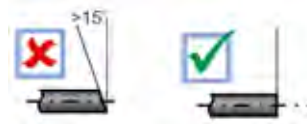
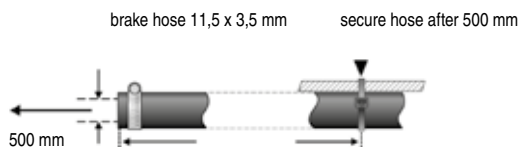
hose adapter
893 129 467 4



Dismantling tool 899 700 920 0



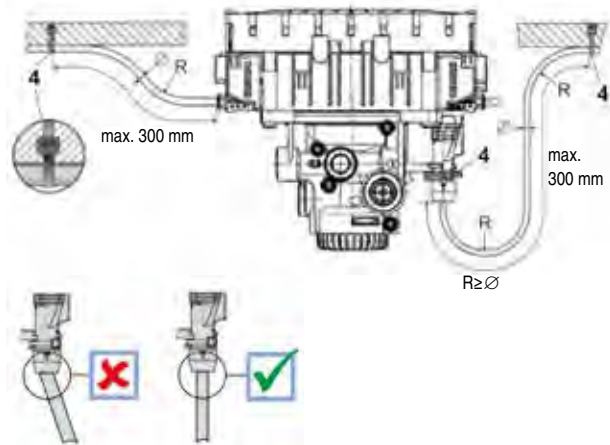
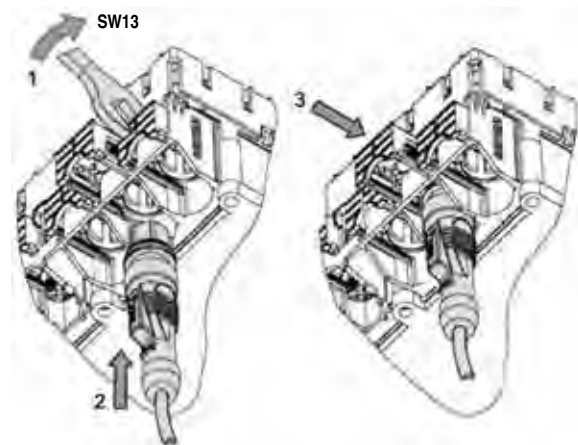
Using the dismantling tool



- Use plastic pipe conforming to DIN 74324, 73378 or ISO 7628.
- Use for example adhesive tape to mark the push-in depth on the pipe in accordance with the data in the table.
- Cut the pipe at a right-angle, a deviation of a maximum of 15° is allowable.
- Press the pipe fully into the opening of the connection.
- Check that the pipe has been fully pushed in. The marking must touch the connection piece.
- By pulling the pipe with 20 to 50 N, check that the pipe is fixed in the connection.
- Use the dismantling tool to remove the pipe from the push-in coupling according to the illustration „Using the dismantling tool“.

Plastic pipe	Comparative no	push-in depth	Hose adapter cross-ref no.
8 x 1 mm	828 251 008 6	20,5 mm	-
12 x 1,5 mm	828 251 112 6	25 mm	893 129 467 4
12 x 1,5 mm	828 251 115 6	27 mm	-
16 x 2 mm	828 252 116 6	27 mm	-

Cable connection



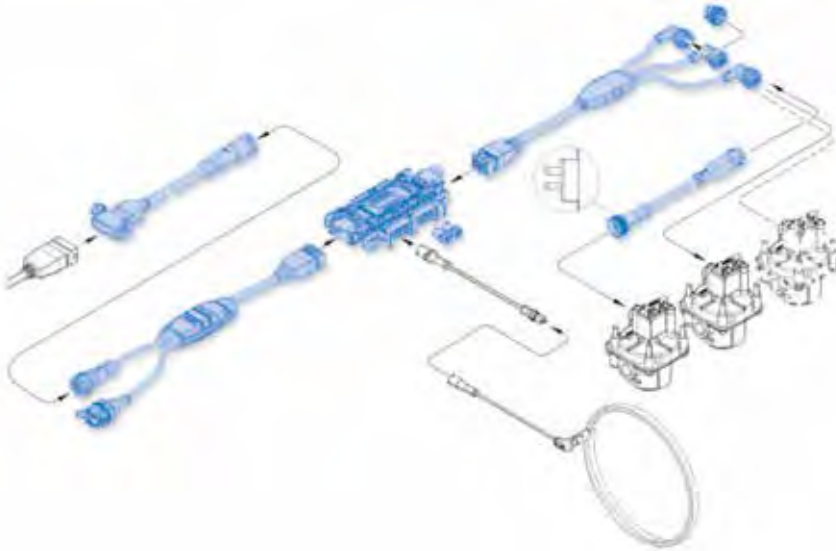
- The ISO 7638 socket must be installed pointing downwards at an angle of 0°...30°. Otherwise, water can enter the connector during its connection and disconnection.
- Cables must only be secured on elements that are rigidly connected to the component e.g. the vehicle frame. Securing to flexible elements can lead to cable breakages and leaks.
- Cables with open ends must be sealed separately or led into a water-tight distribution box.


WABCO Trailer ABS: Replace Vario C and VCS I with VCS II

2

Replace VCS I electronics with VCS II ECU

446 108 920 2



 Part of the repair kit

With repair kit 446 108 920 2 you will receive a VCSII of the „Separate ECU“ type. Only the electronics is substituted. The modulators, sensors and most of the cables can continue to be used.
When a VCS I compact unit is replaced, the solenoid valve block can usually continue to be used.

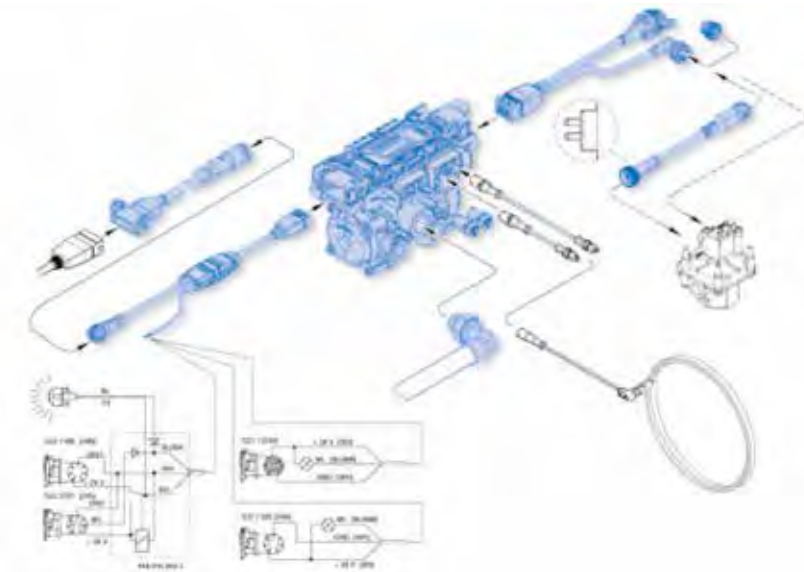
446 108 920 2 substituted


446 108 030 0
031
032
040
041
400 500 030 0
032
036
040
042
064
066



Changing the complete VCS I compact unit

446 108 921 2



 Part of the repair kit

As well as the required cables and adapters, repair kit 446 108 921 2 contains a VCS II compact unit. That way the modulators are also renewed.
This repair kit is also intended for **vehicles with mixed supply**. Because of this additional connection to the brake light supply of the 24-N connector, this system is also operational without an ABS plug-in connection according to ISO 7638.

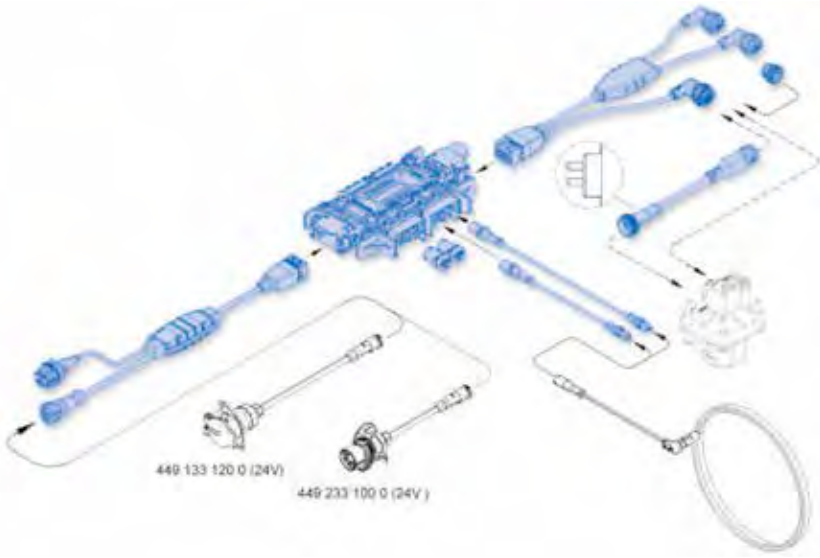
446 108 921 2 substituted


446 108 035 0
045
400 500 034 0
035
037
038
045
046



Changing the Vario C system

446 105 927 2

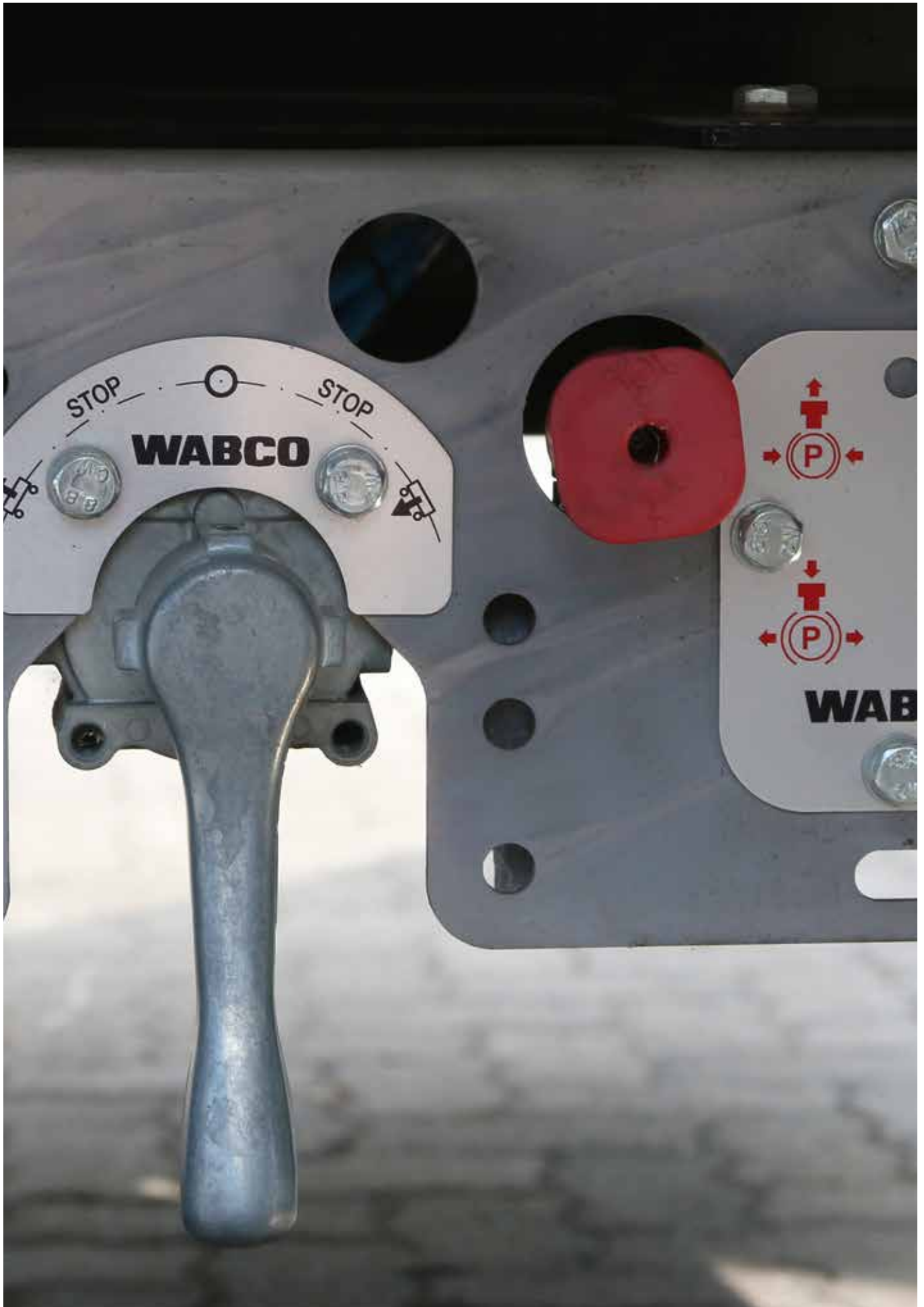


 Part of the repair kit

With repair kit 446 105 927 2 for conversion of the Vario C equipment to a modern system, it is necessary to change the electronics (ECU), supply cable, modulator cable and the sensor extension cable. Provided they are still functional, the existing ABS relay valves can continue to be used. The connection with the third modulator on 4S/3M systems is provided. Depending on the type of vehicle (semi-trailer or drawbar trailer), a suitable supply cable must be obtained separately.

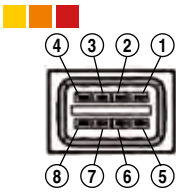
446 108 921 2 substituted	
	446 105 001 0
	009
	023
	031
	032
	051
	052





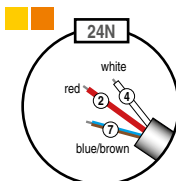
WABCO VCS II – 2nd. Generation Vario Compact ABS

left-hand connection



supply

- ① terminal 15
- ② 24N
- ③ terminal 30
- ④ ground
- ⑤ Not assigned
- ⑥ Not assigned
- ⑦ warning lamp
- ⑧ ground



supply/CAN

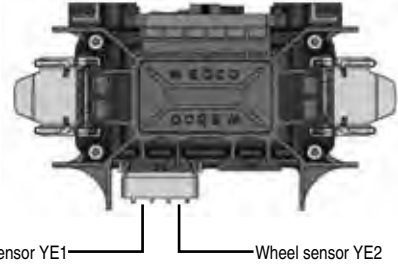
- ① terminal 15
- ② 24N
- ③ terminal 30
- ④ ground
- ⑤ CAN low
- ⑥ CAN high
- ⑦ warning lamp
- ⑧ ground

supply/diagnosis

- ① terminal 15
- ② Diagnosis K-Line
- ③ terminal 30
- ④ ground
- ⑤ CAN low
- ⑥ CAN high
- ⑦ warning lamp
- ⑧ ground

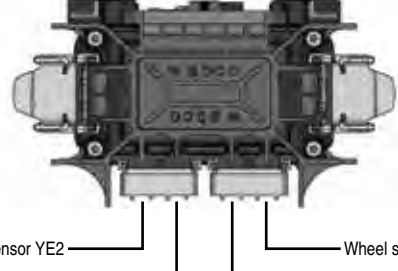
ECU – Electronic Control Unit

ECU Standard 400 500 070 0



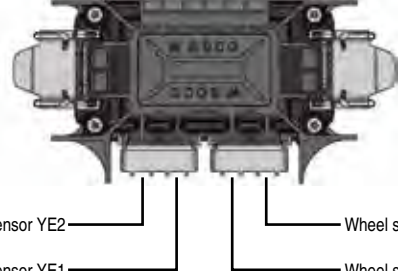
Wheel sensor YE1 Wheel sensor YE2

ECU Premium 400 500 081 0/082 0



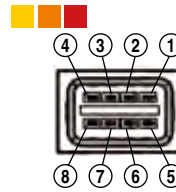
Wheel sensor YE2 Wheel sensor BU2
Wheel sensor YE1 Wheel sensor BU1

ECU Separate 446 108 085 0




Wheel sensor YE2 Wheel sensor BU2
Wheel sensor YE1 Wheel sensor BU1

right-hand connection



Diagnosis

- ① Generic IO/D1
- ② Generic IO/D2
- ③ Not assigned
- ④ Diagnosis-Supply
- ⑤ ground
- ⑥ Not assigned
- ⑦ Not assigned
- ⑧ Diagnosis K-Line



Diagnosis/3rd modulator

- ① Generic IO/D1
- ② Generic IO/D2
- ③ Generic IO/A1
- ④ Diagnosis-Supply
- ⑤ ground
- ⑥ RD (3rd Modulator, A) AV (outlet valve)
- ⑦ RD (3rd Modulator, A) EV (intake valve)
- ⑧ Diagnosis K-Line

Modulators/GIO











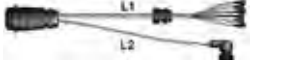


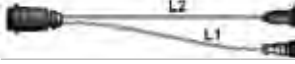







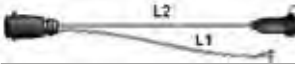
- ① YE Modulator EV
- ② YE Modulator AV
- ③ BU Modulator EV
- ④ BU Modulator AV
- ⑤ ground
- ⑥ RD (3rd Modulator, A) AV (outlet valve)
- ⑦ RD (3rd Modulator, A) EV (intake valve)
- ⑧ Generic IO/D1













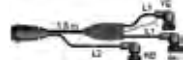


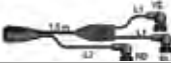
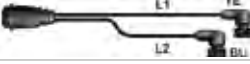
WABCO VCS II – 2nd. Generation Vario Compact ABS













2

divided		supply cable		direct	
ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0	ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0	ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0
ISO 7638 (5 PIN)		ISO 7638 (5 PIN)		ISO 7638 (5 PIN)	
449 132 005 0	0,5 m	449 125 060 0	6 m	449 125 060 0	6 m
449 132 060 0	6 m	449 125 100 0	10 m	449 125 100 0	10 m
449 132 080 0	8 m	449 125 120 0	12 m	449 125 120 0	12 m
449 132 120 0	12 m	449 125 140 0	14 m	449 125 140 0	14 m
449 132 150 0	15 m	449 125 180 0	18 m	449 125 180 0	18 m
449 242 100 0	10 m	449 225 060 0	6 m	449 225 060 0	6 m
449 242 100 0	10 m	449 225 120 0	12 m	449 225 120 0	12 m
449 242 100 0	10 m	449 225 140 0	14 m	449 225 140 0	14 m
449 375 003 0	0,3 m	ISO 7638 (5 PIN)/24N		ISO 7638 (5 PIN)/24N	
449 375 030 0	3 m	449 124 333 0		449 124 333 0	
449 375 060 0	6 m	449 124 337 0		449 124 337 0	
449 375 100 0	10 m				
ISO 7638 (5 PIN)/24N					
449 374 281 0	0,25/8 m				
449 374 323 0	1/2 m	449 224 328 0		449 224 328 0	
		449 224 337 0		449 224 337 0	
ISO 7638 (7 PIN)		ISO 7638 (7 PIN)		ISO 7638 (7 PIN)	
449 133 030 0	3 m	449 126 060 0	6 m	449 126 060 0	6 m
449 133 120 0	12 m	449 126 100 0	10 m	449 126 100 0	10 m
449 133 150 0	15 m	449 126 120 0	12 m	449 126 120 0	12 m
449 233 030 0	3 m	449 126 140 0	14 m	449 126 140 0	14 m
449 233 100 0	10 m	449 226 060 0	6 m	449 226 060 0	6 m
449 233 140 0	14 m	449 226 100 0	10 m	449 226 100 0	10 m
449 233 180 0	18 m	449 226 120 0	12 m	449 226 120 0	12 m
449 385 003 0	0,3 m	449 226 140 0	14 m	449 226 140 0	14 m
449 385 030 0	3 m	ISO 7638 (7 PIN)/24N		ISO 7638 (7 PIN)/24N	
449 385 060 0	6 m	449 134 337 0		449 134 337 0	
449 385 100 0	10 m				
ISO 7638 (7 PIN)/24N					
449 384 323 0	1/12 m				
449 384 333 0	6/12 m	449 234 337 0		449 234 337 0	

divided		supply cable		direct	
ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0	ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0	ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0
ISO 7638 (7 PIN) + diagnosis		ISO 7638 (7 PIN) + diagnosis		ISO 7638 (7 PIN) + diagnosis	
449 133 ...+/ L1/L2	449 233...+ L1/L2	449 144 057 0	449 144 157 0	449 144 057 0	449 144 157 0
449 386 143 0	1/3 m	449 244 048 0	449 244 055 0	449 244 048 0	449 244 055 0
449 386 148 0	3/3 m	449 244 155 0	449 244 157 0	449 244 155 0	449 244 157 0
supply cable (5 PIN)		supply cable (5 PIN)		supply cable (5 PIN)	
449 345 120 0	12 m	449 320 120 0	12 m	449 320 120 0	12 m
449 345 150 0	15 m	449 320 150 0	15 m	449 320 150 0	15 m
supply cable (7 PIN)		supply cable (7 PIN)		supply cable (7 PIN)	

Diagnosis cable	
 ECU Standard 400 500 070 0	 ECU Premium 400 500 081 0/082 0
 ECU Separate 446 108 085 0	
ECAS diagnosis cable  	Diagnosis cable + BVA  
 449 336 030 0 3 m	 449 619 148 0 L1/L2 3/3 m
ECAS diagnosis cable + A modulator 	
 449 337 328 0 L1/L2 3/12 m	Diagnosis cable + TASC (RTR)  
	 449 623 253 0 L1/L2 6/6 m
	449 623 316 0 10/10 m
Diagnosis cable + ELM  	
 449 340 153 0 L1/L2 6/3 m	
	Diagnosis cable + Generic IO  
Diagnosis cable  	 449 617 253 0 L1/L2 6/6 m
449 615 030 0 3 m	449 617 257 0 12/6 m
449 615 060 0 6 m	


Diagnosis and modulator cable	
 ECU Standard 400 500 070 0	 ECU Premium 400 500 081 0/082 0
 ECU Separate 446 108 085 0	
Diagnosis cable + GIO + A modulator 	Diagnosis cable + A modulator 
 449 618 153 0 L1/L2 6/3 m	 449 616 148 0 L1/L2 3/3 m
449 618 157 0 12/3 m	449 616 153 0 6/3 m
	449 616 156 0 10/3 m
	449 616 157 0 12/3 m
Diagnosis cable + A modulator + BVA 	
 449 620 156 0 L1/L2 10/3 m	
	Modulator cable YE + BU + GIO 
Modulator cable A + B + C + GIO 	 449 555 293 0 L1/L2 6/8 m
 449 566 333 0 L1/L2 6/8 m	
	Modulator cable YE + BU + RD 
Modulator cable YE + BU 	 449 544 190 0 L1/L2 4/4 m
 449 534 043 0 L1/L2 1/1 m	449 544 248 0 3/6 m
449 534 148 0 3/3 m	449 544 333 0 6/12 m
449 534 253 0 6/6 m	

sensor	
Sensor cable   	Mini sensor + cable/mini clamping bush   
 449 712 008 0 0,76 m	
449 712 018 0 1,78 m	
449 712 023 0 2,3 m	
449 712 030 0 3 m	
449 712 038 0 3,81 m	
449 712 051 0 5,08 m	
449 712 060 0 6 m	
449 712 064 0 6,35 m	Mini clamping bush 899 759 882 4
449 712 070 0 7 m	Mini sensor + cable 441 035 001 0 0,5 m
	Mini sensor + cable/clamping bush   
	
	Clamping bush 899 760 510 4
	Sensor + cable 441 032 808 0 0,4 m
	Sensor + cable 441 032 809 0 1 m
	Sensor + cable + grease 441 032 912 2 0,5 m
	Sensor + cable + grease 441 032 922 2 1 m

WABCO VCS II – 2nd. Generation Vario Compact ABS


2

PC diagnosis




software	246 301 5 ... 0
interface kit (incl. cable to PC)	446 301 021 0 (COM) 446 301 022 0 (USB)
diagnosis cable	446 300 329 2

1 Release valve



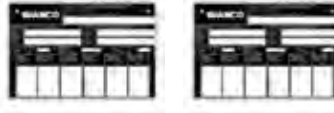
with integrated check valve	963 001 051 0
without integrated check valve	963 001 052 0

10 coupling head with filter

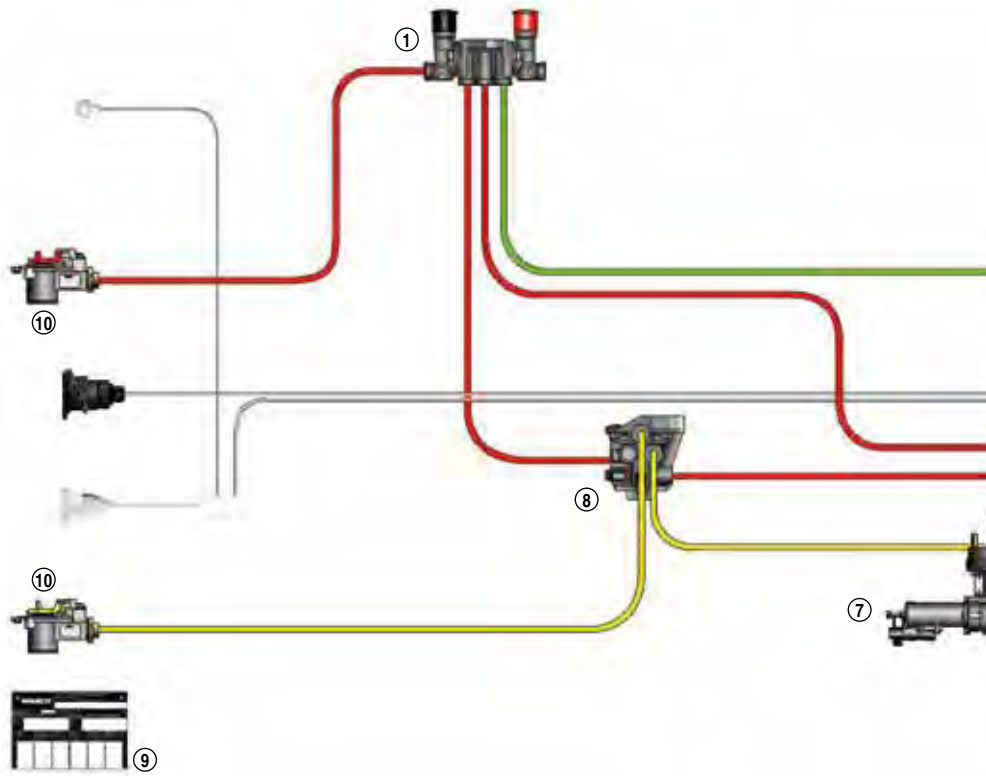


supply	952 201 012 0
brake	952 201 011 0
brake + test connection	952 201 013 0


9 ALB plate



for leaf-spring suspension	899 144 630 4
for air suspension	899 144 631 4




8 trailer brake valve




without advance	971 002 301 0
adjustable advance	971 002 300 0

7 ALB valve



for leaf-spring suspension	472 713 500 0
for air suspension (illustration)	475 714 500 0

2 **reservoir**



water drain valve 934 300 001 0

	Litre	∅
950 560 001 0	60	246 mm
950 760 002 0	60	276 mm
950 060 003 0	60	310 mm
950 060 004 0	60	396 mm
950 080 002 0	80	396 mm

reservoir band clamp

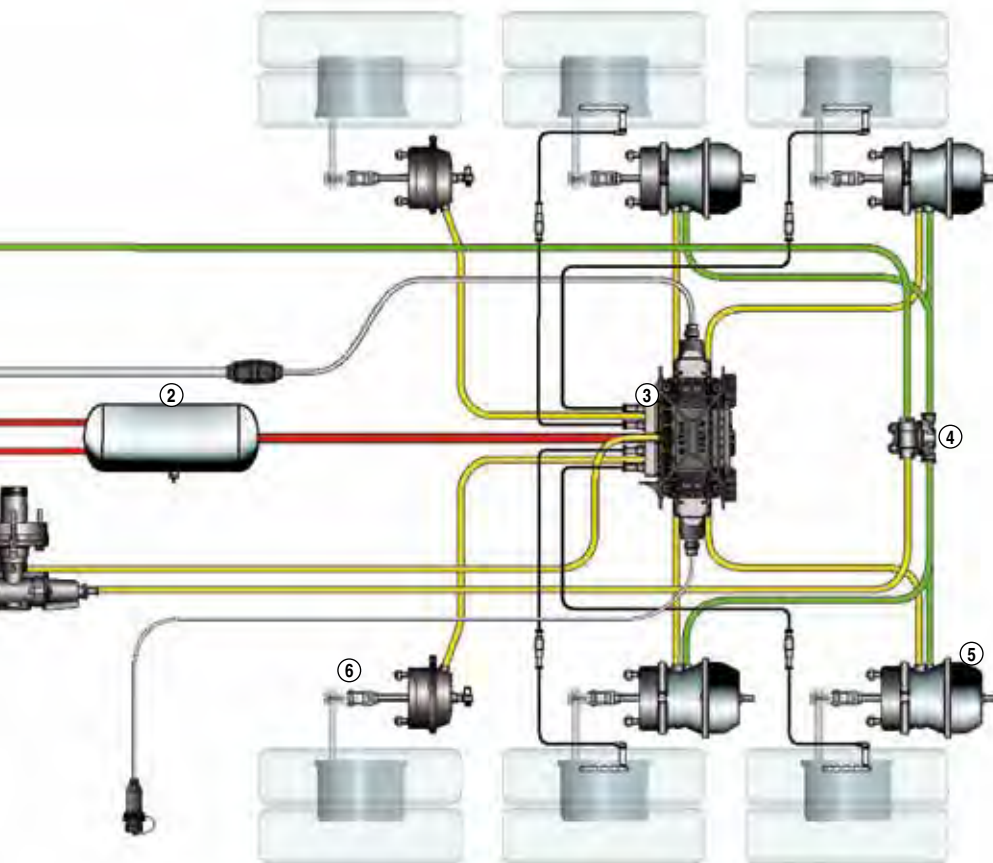


	∅
451 999 246 2	246 mm
451 999 276 2	276 mm
451 999 310 2	310 mm
451 999 396 2	396 mm


ABS relay valve (3rd modulator)



optional for 4S/3M 472 195 031 0



3 **VCS II ABS**




premium (2S/2M-4S/3M)	400 500 081 0/082 0
optional: Standard (2S/2M)	400 500 070 0

4 **Quick-release valve**



4 connections +
integrated check valve 973 500 051 0

6 **Membrane cylinder**



	Type
423 104 900 0	16
423 105 900 0	20
423 106 900 0	24
423 107 900 0	30

5 **Tristop® cylinder TSL**

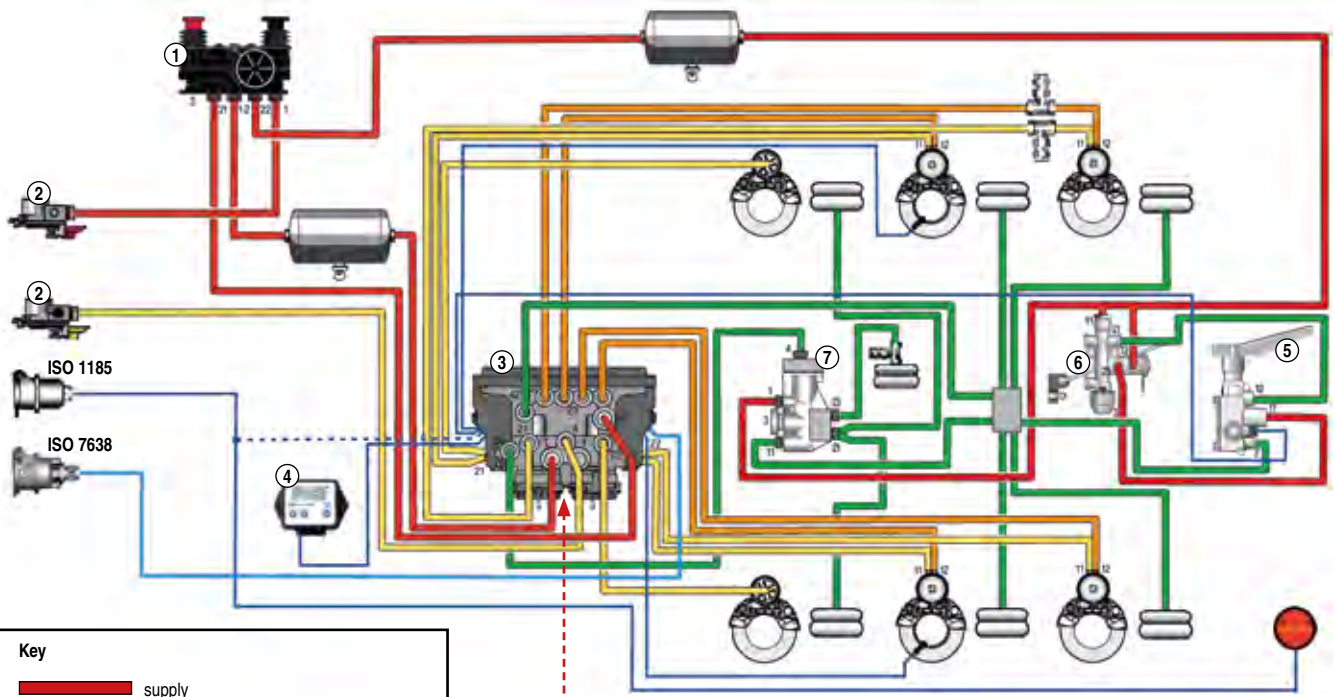


	Type
925 370 307 0	20/30
925 371 300 0	24/30
925 372 307 0	30/30



Trailer Electronic Braking System (TEBS G2.1) – Components Overview, Semi-Trailer, Centre Axle Trailer

2



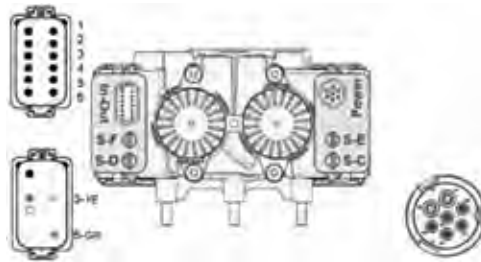
Key

- supply
- Service brake
- Parking brake
- Air springs
- CAN connection and ISO 7638 power supply
- ISO 1185 brake light supply
- electrical signal

View X

In-Out


- 1 AUXIO 1
- 2 AUXIO 2
- 3 AUXIO 3
- 4 Voltage supply sensor [SENS_SUP] (5 V or tri-state input)
- 5 Sensor input 1 [SENS_IN1] (analogue or tri-state)
- 6 Sensor ground or Magic Eye or C3
- 7 Voltage supply brake light (+)
- 8 Ground brake light (-)
- 9 TI CAN-L (J1939)
- 10 TI CAN h (J1939)
- 11 AuxRet 12 (return line for AUXIO 1 + 2)
- 12 AuxRet 3



Power

- 1 Voltage supply battery (+)
- 2 Voltage supply electronics (+)
- 3 Ground electronics (-)
- 4 Ground battery (-)
- 5 warning lamp
- 6 TT CAN-H (ISO 11992)
- 7 TT CAN-L (ISO 11992)


1 Park/manoeuvre valve



with integrated pressure relief valve
for semi-trailer, centre axle trailer


K025700N00-AE4370	Park/manoeuvre valve with integrated pressure relief valve, without plate
K056570N00	Adhesive plate with symbolic operating instructions

Data and information plate



I139797F	Silver foil for TBS-ALB data (printout from ECUtalk®) – Fig. 1
I139796F	ISO 7638 warning plate – Fig. 2
I140392F	EBS with RSP sticker – Fig. 3

2 Coupling head with integrated filter




K000952-KU1400	supply (red)
K000954-KU1410	brake (yellow)
K000956-KU1412	brake (yellow), with test connection

ISO 7638 coiled cable, 7-pole




K004098N00-EK3150	ISO 7638 connecting cable, tractor unit – trailer, with anti-kink protection
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ISO 1185 – PIN illustration




1 – white	ground
2 – black	tail light, left
3 – yellow	indicator, left
4 – red	brake light
5 – green	indicator, right
6 – brown	tail light, right
7 – blue	rear fog light

ISO 7638 – PIN illustration



1 – red	valve (24 V)
2 – black	control unit (24 V)
3 – yellow	control unit (ground)
4 – brown	valve (ground)
5 – white	warning lamp
6 – white/green	CAN-Hi
7 – white/brown	CAN-Lo

3 TEBS G2.1 brake module




Note:
The module must be programmed after it has been installed.
Commissioning must be completed with a successful 'EOL' (End of Line) test!

P28

K01931.-ES2060	TEBS G2.1 module, 2S-6S/3M, connection P28 freely programmable
K01935.-ES2060	TEBS G2.1 module, 2S/2M, P28 test connection
K000847K50	Replacement silencer

4 Trailer Information Module (TIM G2)




K009166 ¹	Trailer Information Module (TIM G2)
K022272N00 (4 m)	modular In-Out cable to
K022279N00 (6 m)	connection to TIM G2




Trailer Electronic Braking System (TEBS G2.1) – Components Overview, Semi-Trailer, Centre Axle Trailer

Load sensor mechanical suspension




K026919B90	external load sensor for mechanical suspension, complete with linkage
II19422-ZB3131	level sensor linkage, single
K001406	axle side linkage, single

Trailer Roadtrain Module (TRM)




K036198 ¹ -EZ2085	amplifier and/or splitter of CAN signal, for use in extra-long trains/trailers
K027817N00	Sealing cap to close off unused bayonet connections
K015173	external pressure sensor (if additionally required or the TEBS internal sensor needs replacing)

TEBS-PC diagnosis




II39808F-EZ1034	24-V-CAN adapter cable – Fig. 1
II39809F-EZ1031	Universal Diagnosis Interface (UDIF), incl. cable Z005474 – Fig. 2
II39812F-EZ1032	connecting cable (UDIF-CAN) – Fig. 3
Z007887	USB adapter cable (UDIF-PC)

5 Raise/lower valve




K022847N00-SV3801	raise/lower valve with „Speed Pulse“ function (Reset To Ride)
II36226004	plastic lever with screw
Z006844	sticker
K022901K50	replacement solenoid

6 Air suspension valve



II19425-SV1395	air suspension valve – Fig. 1
II36088-SV1460	air suspension valve with plastic housing – Fig. 2
II36114-SV1465	air suspension valve with height limit and neutral point adjustment – Fig. 3
II36115-SV1466	air suspension valve with height limit – Fig. 3
K001406	lower linkage


7 Lift axle valve



K035570N00-AE1141	5/2-way lift axle valve, electrically actuated, 24 V, (replaces K008546) – Fig. 1
K015384N00-AE1141	5/2-way lift axle valve, electrically actuated, 24 V – Fig. 2
K017224N00-AE1141	5/2-way lift axle valve, pneumatically actuated, 24 V – Fig. 3
II36167008	replacement solenoid only for K008547
K020018K50	replacement solenoid for K035570N00 and K015384N00

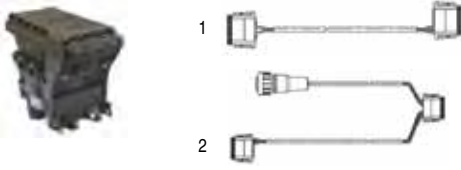
¹ The cross-reference number of the module contains two suffixes. The first suffix „V##“ indicates the software level of the module, e.g. V01, V02 etc. The second suffix „N##“ is the packing definition of the different market requirements, e.g. N00, N50.
 Example: K021940V00N00 – has software level 00 and is packed singly, without accessories.

Rotational speed sensor and extension cable




Sensors	
0486000126100	radial (90°), length 0,4 m
0486000134000 ²	radial (90°), length 0,4 m
0486000136000 ²	radial (90°), length 1 m
0486001033100	Axial, length 1 m
² complete, with push-in sleeve and grease	
extension cable EK3130	
II367563000	length 3 m
II367564000	length 4 m
II367566000	length 6 m
II3675610000	length 10 m

Trailer Electro-Pneumatic Module (TEPM-P)



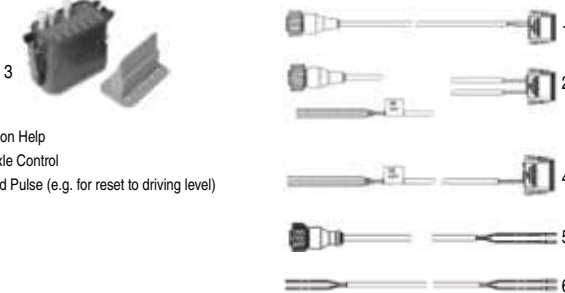
K027900 ¹ -ES2071	TEPM-P, Trailer Electro-Pneumatic Module Premium (with additional inputs/outputs) for trailers with 4S/3M systems, e.g. self-steering axles
cable	
K058249N00	supply cable TEPM-P to TEBS G2/G2.1 (7 m) – Fig. 1
K058256N00	supply cable TEPM-P to TEBS G2/G2.1 with additional individual connection – Fig. 2

Trailer Electro-Pneumatic Module (TEPM-S)



K021940 ¹ -ES2070	TEPM-S, Trailer Electro-Pneumatic Module Standard (without additional inputs/outputs) for trailers with 4S/3M systems, e.g. self-steering axles
cable	
K0583...	supply cable TEPM-S to TEBS G2/G2.1 – Fig. 1
K027811N00	speed sensor cable TEPM-S (2 m) – Fig. 2
K044708N00	connection cable TEPM-S to external pressure sensor (3 m) – Fig. 3


In-Out connector and cable (example)



TH = Traction Help
 LC = Lift axle Control
 SP = Speed Pulse (e.g. for reset to driving level)

K021335N00	In-Out cable for SP to AUX 1 – Fig. 6
K021336N00	In-Out cable for SP/LAC to AUX 1, stop light supply/TH to open ends – Fig. 5
K021345N00	In-Out cable stop light supply/TH to open ends – Fig. 4
K002281N00	connection cable (7 m) open ends various possible connections – Fig. 2
K002275N00	AUX connection cable, 2-pole (6,5 m), e.g. LAC, SP – Fig. 1
K002287N00	12-pin German connector, complete, with sealing plugs – Fig. 3

7-Pin ISO 7638 power supply cable



K008430N00	ISO 7638 socket + 10 m cable (semi-trailer) – Fig. 1
K008431N00	ISO 7638 socket + 13 m cable (semi-trailer) – Fig. 1
K008432N00	ISO 7638 connector (90° connection) + 16 m cable (semi-trailer) – Fig. 2
K010710N00	ISO 7638 connector + 10 m cable (centre axle trailer) – Fig. 3
K010711N00	ISO 7638 connector + 13 m cable (centre axle trailer) – Fig. 3
K002290	ISO 7638 pin socket, 7-pole, with pins – Fig. 4

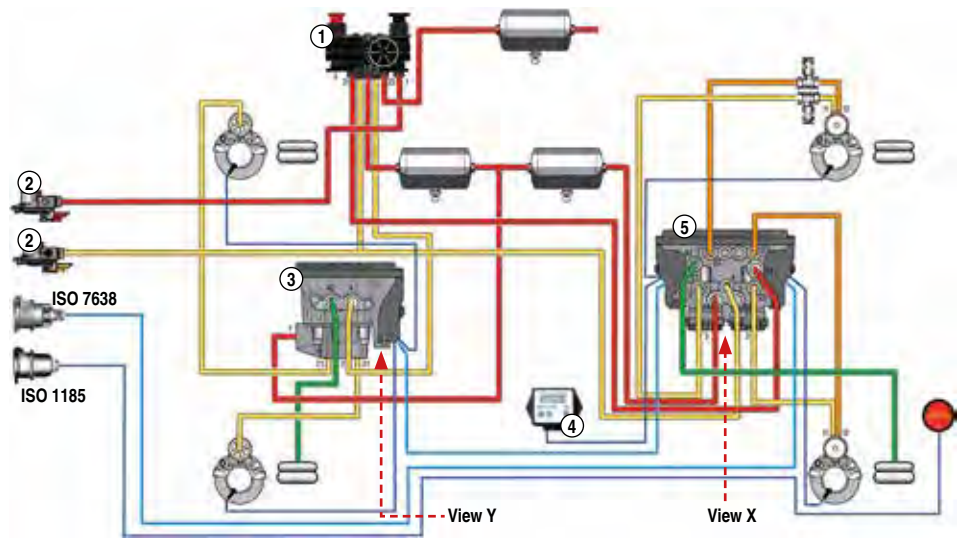


Trailer Electronic Braking System (TEBS G2.1) – component overview, drawbar trailer with TEPM-S/P (4S/3M system)

2

Key


- supply
- Service brake
- Parking brake
- Air springs
- CAN connection and ISO 7638 power supply
- ISO 1185 brake light supply
- electrical signal





View X




<p>In-Out</p> <ol style="list-style-type: none"> 1 AUXIO 1 2 AUXIO 2 3 AUXIO 3 4 Voltage supply sensor [SENS_SUP] (5 V or tri-state input) 5 Sensor input 1 [SENS_IN1] (analogue or tri-state) 6 Sensor ground or Magic Eye or C3 7 Voltage supply brake light (+) 8 Ground brake light (-) 9 TI CAN-L (J1939) 10 TI CAN h (J1939) 11 AuxRet 12 (return line for AUXIO 1 + 2) 12 AuxRet 3 		<p>Power</p> <ol style="list-style-type: none"> 1 Voltage supply battery (+) 2 Voltage supply electronics (+) 3 Ground electronics (-) 4 Ground battery (-) 5 warning lamp 6 TT CAN-H (ISO 11992) 7 TT CAN-L (ISO 11992)
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	X1			View Y
	<ol style="list-style-type: none"> 1 5 V TI CAN Low 2 Not assigned 3 Not assigned 4 voltage sensor 1 5 Not assigned 6 voltage (12/24 V) 7 5 V TI CAN High 8 AUXIO 2 9 Input sensor 1 	<ol style="list-style-type: none"> 10 ground sensor 1 11 voltage sensor 2 12 Not assigned 13 Not assigned 14 AUXIO 1 15 ground AuxIO12 16 ground sensor 2 17 Input sensor 2 18 ground 		




ISO 7638 – PIN illustration	
	
1 – red	valve (24 V)
2 – black	control unit (24 V)
3 – yellow	control unit (ground)
4 – brown	valve (ground)
5 – white	warning lamp
6 – white/green	CAN-Hi
7 – white/brown	CAN-Lo





ISO 1185 – PIN illustration	
	
1 – white	ground
2 – black	tail light, left
3 – yellow	indicator, left
4 – red	brake light
5 – green	indicator, right
6 – brown	tail light, right
7 – blue	rear fog light

1 Park/manoeuvre valve	
	
	with integrated pressure relief valve for drawbar trailers
K025699N00-AE4371	Park/manoeuvre valve with integrated pressure relief valve, with front axle valve (FAV), without plate
K056570N00	Adhesive plate with symbolic operating instructions

Data and information plate		
		
1	2	3
II39797F	Silver foil for TBS-ALB data (printout from ECUtalk®) – Fig. 1	
II39796F	ISO 7638 warning plate – Fig. 2	
II40392F	EBS with RSP sticker – Fig. 3	

2 Coupling head with integrated filter	
	
K000952-KU1400	supply (red)
K000954-KU1410	brake (yellow)
K000956-KU1412	brake (yellow), with test connection

3 Trailer Electro-Pneumatic Module (TEPM-P)	
	
	
	1
	2
K027900 ¹ -ES2071	TEPM-P, Trailer Electro-Pneumatic Module Premium (with additional inputs/outputs) for trailers with 4S/3M systems, e.g. self-steering axles cable
K058249N00	supply cable TEPM-P to TEBS G2/G2.1 (7 m) – Fig. 1
K058256N00	supply cable TEPM-P to TEBS G2/G2.1 with additional individual connection – Fig. 2

Trailer Electro-Pneumatic Module (TEPM-S)			
			
	1	2	3
K021940 ¹ -ES2070	TEPM-S, Trailer Electro-Pneumatic Module Standard (without additional inputs/outputs) for trailers with 4S/3M systems, e.g. self-steering axles cable		
K0583...	supply cable TEPM-S to TEBS G2/G2.1 – Fig. 1		
K027811N00	speed sensor cable TEPM-S (2 m) – Fig. 2		
K044708N00	connection cable TEPM-S to external pressure sensor (3 m) – Fig. 3		



KNORR-BREMSE Trailer Electronic Braking System (TEBS G2.1) – component overview, drawbar trailer with TEPM-S/P (4S/3M system)

2

In-Out connector and cable (example)



TH = Traction Help
 LC = Lift axle Control
 SP = Speed Pulse (e.g. for reset to driving level)

K021335N00	In-Out cable for SP to AUX 1 – Fig. 6
K021336N00	In-Out cable for SP/LAC to AUX 1, stop light supply/TH to open ends – Fig. 5
K021345N00	In-Out cable stop light supply/TH to open ends – Fig. 4
K002280N00	connection cable (7 m) open ends various possible connections – Fig. 2
K002275N00	AUX connection cable, 2-pole (6,5 m), e.g. LAC, SP – Fig. 1
K002287N00	12-pin German connector, complete, with sealing plugs – Fig. 3

7-Pin ISO 7638 power supply cable



K010710N00	ISO 7638 socket + 10 m cable (drawbar trailer) – Fig. 1
K010711N00	ISO 7638 socket + 13 m cable (drawbar trailer) – Fig. 1
K021138N00	extension cable, 4 m – Fig. 2
K028001N00	extension cable, 10 m – Fig. 2
K002291	ISO 7638 pin plug, 7-pole, with pins – Fig. 3

Trailer Information Module (TIM G2)



K009166 ¹	Trailer Information Module (TIM G2)
K022272N00 (4 m)	modular In-Out cable to
K022279N00 (6 m)	connection to TIM G2

Load sensor mechanical suspension



K026919B90	external load sensor for mechanical suspension, complete with linkage
II19422-ZB3131	level sensor linkage, single
K001406	axle side linkage, single


Trailer Roadtrain Module (TRM)



K036198 ¹ -EZ2085	amplifier and/or splitter of CAN signal, for use in extra-long trains/trailers
K027817N00	Sealing cap to close off unused bayonet connections
K015173	external pressure sensor (if additionally required or the TEBS internal sensor needs replacing)


¹ The cross-reference number of the module contains two suffixes. The first suffix „V##“ indicates the software level of the module, e.g. V01, V02 etc. The second suffix „N##“ is the packing definition of the different market requirements, e.g. N00, N50.
 Example: K021940V00N00 – has software level 00 and is packed singly, without accessories.

TEBS-PC diagnosis




II39808F-EZ1034	24-V-CAN adapter cable – Fig. 1
II39809F-EZ1031	Universal Diagnosis Interface (UDIF), incl. cable Z005474 – Fig. 2
II39812F-EZ1032	connecting cable (UDIF-CAN) – Fig. 3
Z007887	USB adapter cable (UDIF-PC)

Raise/lower valve




K022847N00-SV3801	raise/lower valve with „Speed Pulse“ function (Reset To Ride)
II36226004	plastic lever with screw
Z006844	sticker
K022901K50	replacement solenoid

Air suspension valve




II19425-SV1395	air suspension valve – Fig. 1
II36088-SV1460	air suspension valve with plastic housing – Fig. 2
II36114-SV1465	air suspension valve with height limit and neutral point adjustment – Fig. 3
II36115-SV1466	air suspension valve with height limit – Fig. 3
K001406	lower linkage

Lift axle valve



K035570N00-AE1141	5/2-way lift axle valve, electrically actuated, 24 V, (replaces K008546) – Fig. 1
K015384N00-AE1141	5/2-way lift axle valve, electrically actuated, 24 V – Fig. 2
K017224N00-AE1141	5/2-way lift axle valve, pneumatically actuated, 24 V – Fig. 3
II36167008	replacement solenoid only for K008547
K020018K50	replacement solenoid for K035570N00 and K015384N00


Rotational speed sensor and extension cable



Sensors	
0486000126100	radial (90°), length 0,4 m
0486000134000 ²	radial (90°), length 0,4 m
0486000136000 ²	radial (90°), length 1 m
0486001033100	Axial, length 1 m
² complete, with push-in sleeve and grease	
extension cable EK3130	
II367563000	length 3 m
II367564000	length 4 m
II367566000	length 6 m
II3675610000	length 10 m

5 TEBS G2.1 brake module

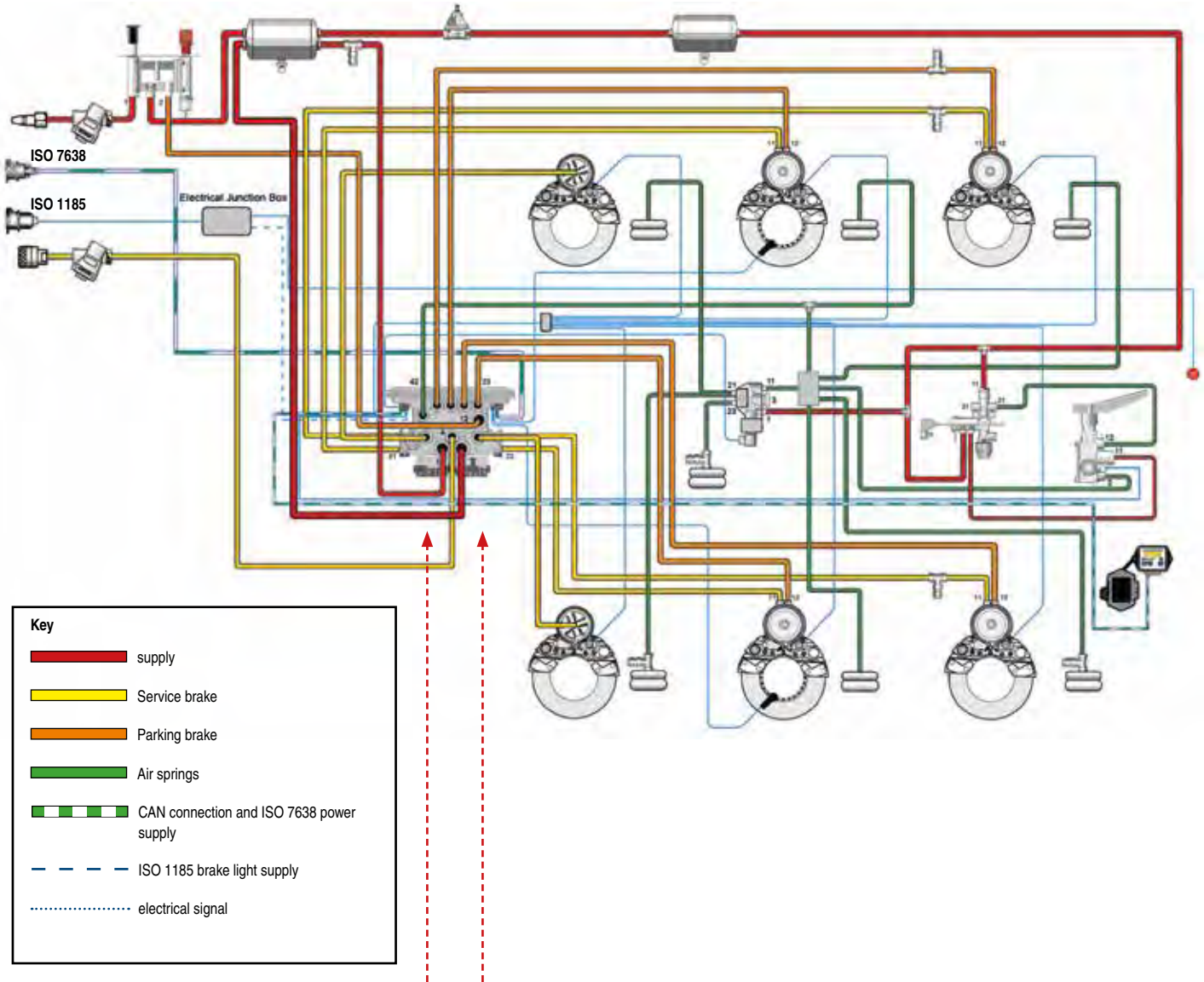
Note:
The module must be programmed after it has been installed.
Commissioning must be completed with a successful „EOL“ (End of Line) test!



K01931.-ES2060	TEBS G2.1 module, 2S-6S/3M, connection P28 freely programmable
K000847K50	Replacement silencer

KNORR-BREMSE Trailer Electronic Braking System (TEBS G2) – spare parts

2




Key

- █ supply
- █ Service brake
- █ Parking brake
- █ Air springs
- █ CAN connection and ISO 7638 power supply
- - - ISO 1185 brake light supply
- electrical signal

View X


In-Out	View X	Power
1 AUX 1		1 Modulators (24 V)
2 AUX 2		2 ECU (12 V)
3 AUX 3		3 ECU [GND]
4 Input 1 [SENS_SUP]¹		4 Modulators [GND]
5 Input 2 [SENS_IN1]¹		5 warning lamp
6 Input [GND]		6 Data line CAN-H (ISO 11992)
7 brake light (24 V) – BK		7 Data line CAN-L (ISO 11992)
8 brake light (24 V) – YE		
9 5V-CAN-L		
10 5V-CAN-H		
11 AUX 1 + 2 [GND]		
12 AUX 3 [GND]		

ISO 1185 – PIN illustration




1 – white	ground
2 – black	tail light, left
3 – yellow	indicator, left
4 – red	brake light
5 – green	indicator, right
6 – brown	tail light, right
7 – blue	rear fog light

ISO 7638 – PIN illustration



1 – red	valve (24 V)
2 – black	control unit (24 V)
3 – yellow	control unit (ground)
4 – brown	valve (ground)
5 – white	warning lamp
6 – white/green	CAN-Hi
7 – white/brown	CAN-Lo

trailer control valve



For use when standard park/manoeuvre valves are used instead of park/manoeuvre valves with emergency brake function.


AS3050A	trailer control valve (no adjustable advance)
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ISO 7638 coiled cable, 7-pole




KB7638	ISO 7638 connecting cable, tractor unit – trailer, with anti-kink protection
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Park/manoeuvre valve with emergency brake function




K015849N00	park/manoeuvre valve with emergency brake function (without plate) – Fig. 1
K015380N00	park/manoeuvre valve with emergency brake function, with integrated pressure relief valve (without plate) – Fig. 2
K020123N00	park/manoeuvre valve with emergency brake function, with integrated pressure relief valve and PTC quick connections (without plate) - Fig. 2
Z006845	operating plate

Pressure relief valve




K000630-DR4256	pressure relief valve with limited return flow
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Load sensor mechanical suspension



199660-LA2103	in-line filter
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Load sensor mechanical suspension



K026919B90	load sensor for mechanical suspension
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Trailer Information Module (TIM G2)

Note ! The TIM G2 unit cannot be used as a portable diagnostic unit.



K009166N00	Trailer Information Module (TIM G2)
K024374B90-KB925G2	retrofit kit (contains TIM G2 and X2 connecting cable)
K010713N00	X2 diagnosis/TIM G2 connecting cable

KNORR-BREMSE Trailer Electronic Braking System (TEBS G2) – spare parts

2

PC diagnosis kit



KB915	ECUtalk® software with PC to trailer cables
Z007887	USB adapter cable, PC to serial interface

Raise/lower valve



K0022847N00-SV3801	raise/lower valve with RTR (Reset to Ride Function)
Z006844	sticker
II36226004	handle repair kit

Air suspension valve



II19425-SV1395	air suspension valve – Fig. 1
II36114-SV1465	air suspension valve with height limit and neutral point adjustment – Fig. 2
II36115-SV1466	air suspension valve with height limit – Fig. 2
SEB00256	connection

Lift axle valve



K035570	5/2-way lift axle valve, electrically actuated (replaces K008546) – Fig. 1
K015384N00	5/2-way lift axle valve, electrically actuated – Fig. 2
K017224N00	5/2-way lift axle valve, pneumatically actuated – Fig. 3
II36167008	replacement solenoid, only for K008546

sensor extension cable



II367563000-EK3130	extension cable, 3 m
II367564000-EK3130	extension cable, 4 m
II367566000-EK3130	extension cable, 6 m
II3675610000-EK3130	extension cable, 10 m

Data and information plate



II39797F	silver foil for TBS-ALB data (printout from ECUtalk®) – Fig. 1
KBP2146/2	ISO 7638 warning plate – Fig. 2
KBP2153/2	ISO 7638 tailboard information sticker – Fig. 3
KBP2172/1	EBS with RSP sticker – Fig. 4

Pressure modulator (only 4S/3M)

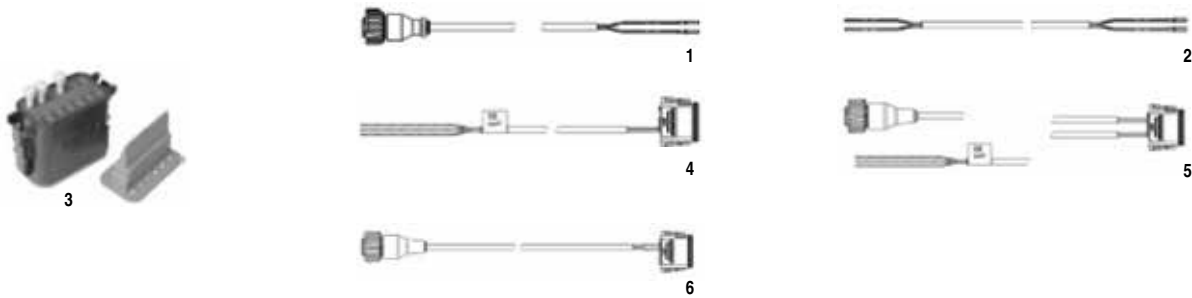
On request. Please contact us. We're happy to help.

Speed sensor



0486000134000	number of teeth 100 (90°), with grease and clamping bush
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X2 connection cable

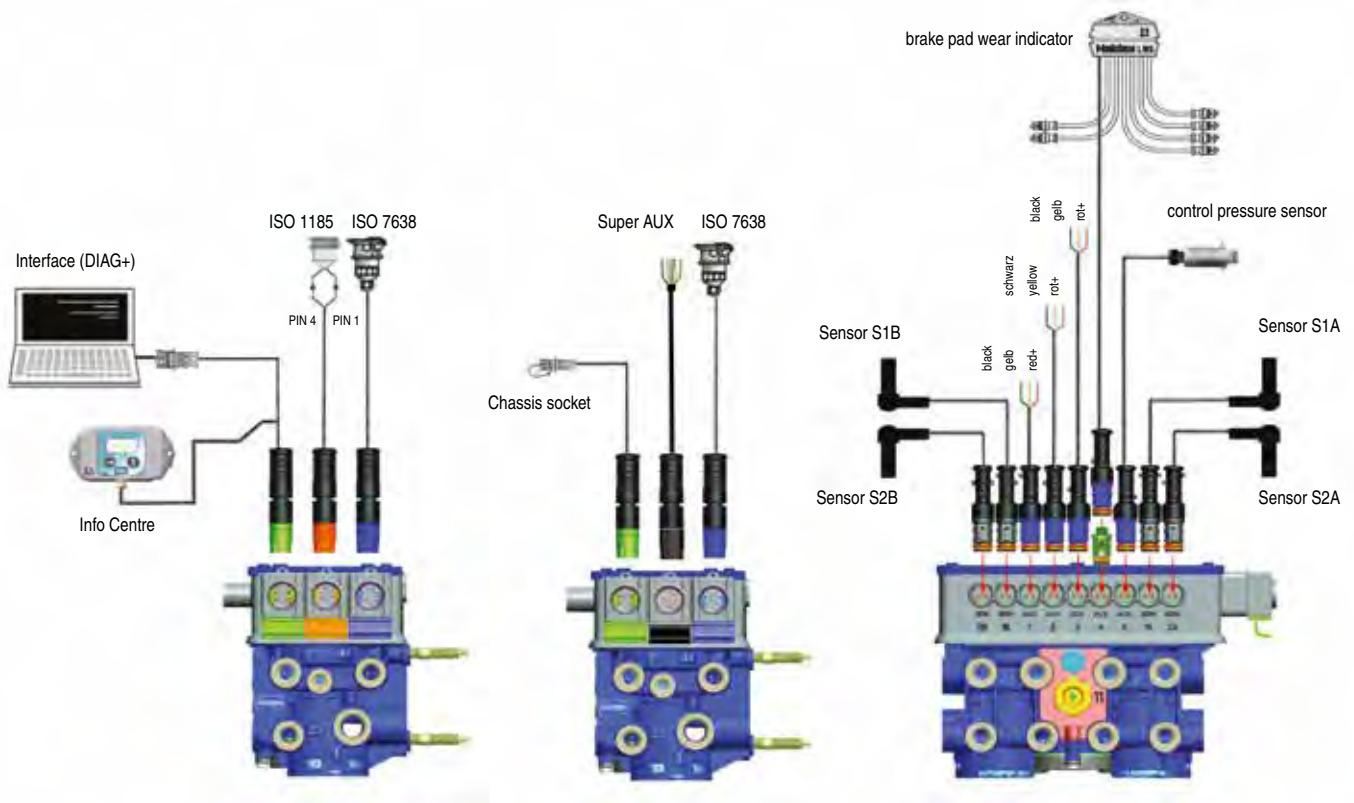


K021335N00	In-Out cable for SP to AUX 1 – Fig. 6
K021336N00	In-Out cable for SP/LAC to AUX 1, stop light supply/TH to open ends – Fig. 5
K021345N00	In-Out cable stop light supply/TH to open ends – Fig. 4
K002280N00	connection cable (7 m), open ends various possible connections – Fig. 2
K002281N00	connection cable (15 m), open ends various possible connections – Fig. 2
K002275N00	AUX connection cable, 2-pole (6,5 m), e.g. LAC, SP – Fig. 1
K002276N00	AUX connection cable, 2-pole (10 m), e.g. LAC, SP – Fig. 1
K002287N00	12-pin German connector, complete, with sealing plugs – Fig. 3



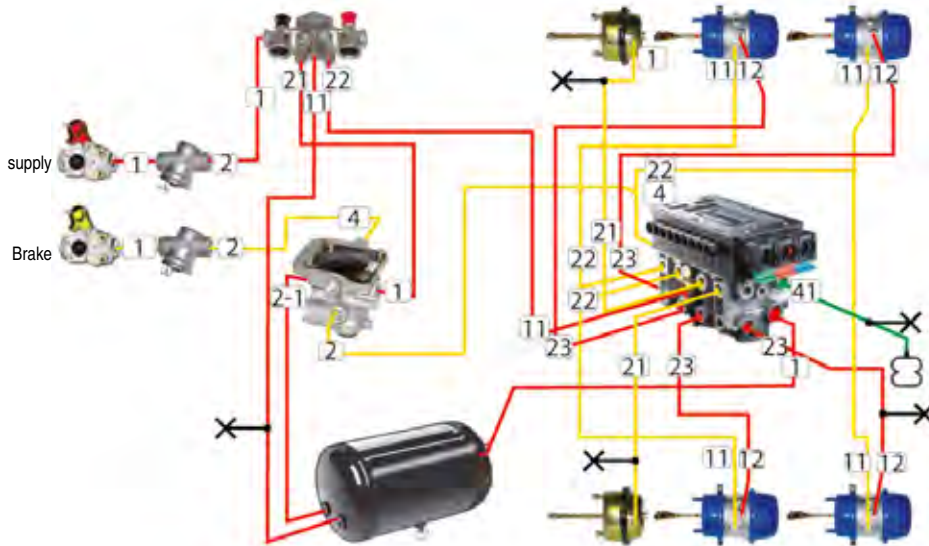


2M 5AUX Trailer EBS

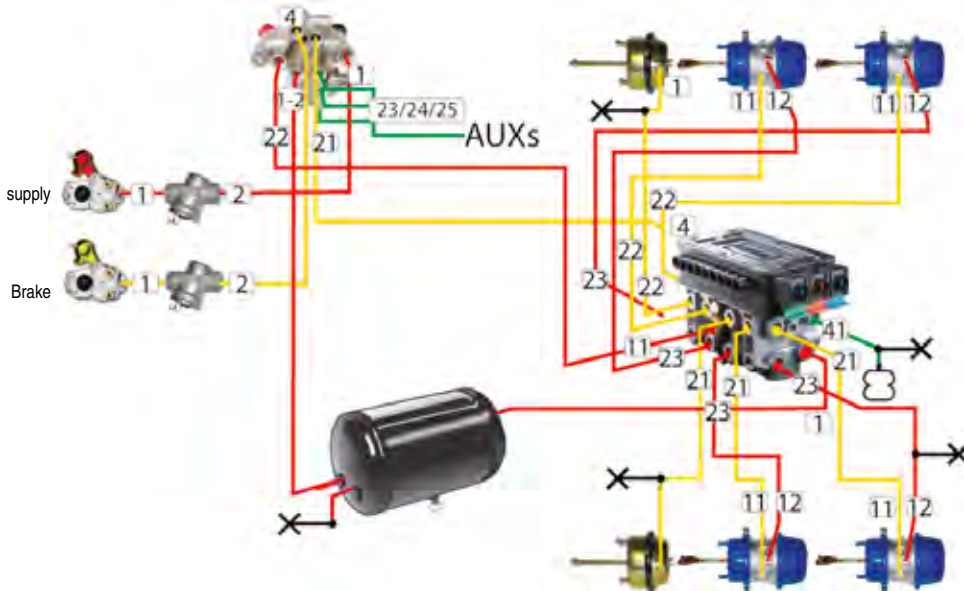


AUX 1	AUX 2	AUX 3	AUX 4	AUX 5
24 Volt switchable output	24 Volt switchable output, input	24 Volt switchable output, input	analogue input 5 Volt control voltage	analogue input 5 Volt control voltage
reset to driving height (COLAS)	reset to driving height (COLAS)	reset to driving height (COLAS)	brake pad wear indicator input	lateral acceleration sensor
retarder control	retarder control	retarder control	common input	common input
warning lamp on trailer	warning lamp on trailer	warning lamp on trailer	control pressure sensor	control pressure sensor
Lift axle control (ILAS-E front and rear)	Lift axle control (ILAS-E front/rear)	Lift axle control (ILAS-E front/rear)	Soft Docking	Soft Docking
24 Volt output	ILAS-E front/rear manual	ILAS-E front/rear manual	electronic height sensor	electronic height sensor
steering axle lock	24 Volt output	24 Volt output		
service lamp	steering axle lock	steering axle lock		
overload warning lamp	service lamp	service lamp		
stability warning lamp	overload warning lamp	overload warning lamp		
brake pad wear indicator warning lamp	stability warning lamp	stability warning lamp		
common output	brake pad wear warning lamp	brake pad wear warning lamp		
Info Point	common output	common output		
Info Point/COLAS	control signal from button for:	control signal from button for:		
speed signal	1) starting aid	1) starting aid		
	2) manual lift axle control (automatic lowering)	2) manual lift axle control (automatic lowering)		

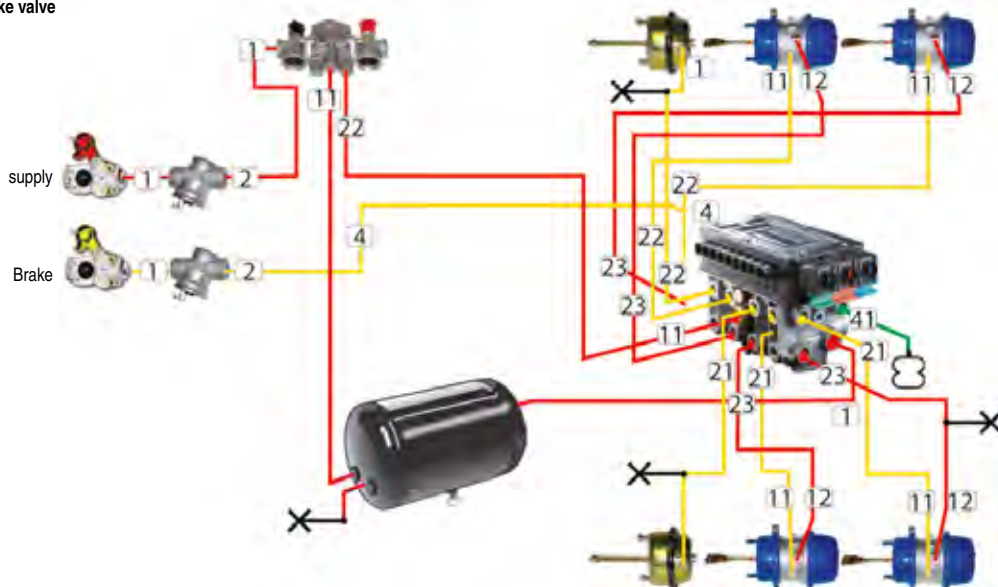
with trailer brake valve



with TrCM



without trailer brake valve





2M 5AUX Trailer EBS

2



main unit	Comparative no
2M 5AUX integrated, overload protection	820 023 001
2M 5AUX integrated, overload protection, quick exhaust valve	820 019 001
2M 5AUX integrated, overload protection, stability	820 011 001
2M 5AUX integrated, stability, overload protection, quick exhaust valve	820 007 001
2M 5AUX integrated, stability, overload protection, quick exhaust valve	820 008 001
2M 5AUX main and auxiliary unit integrated, overload protection, stability, quick exhaust valve	820 028 001



ISO 7638	Comparative no
9 m	814 003 132
12 m	814 003 102
16 m	814 003 112
9 m (drawbar trailer)	814 004 102
12 m (drawbar trailer)	814 004 112



ISO 1185 (24N)	Comparative no
6 m	814 002 222
9 m	814 002 242
12 m	814 002 202



Sensor cable	Comparative no
2 m	814 004 421
3 m	814 004 401
6 m	814 004 411
10 m	814 004 431



auxiliary cable AUX	Comparative no
2 m	814 001 322
4 m	814 001 332
7 m	814 001 302



auxiliary cable (AUX) DIN 72858	Comparative no
5 m	814 012 141
7 m	814 012 101



Chassis socket with cable	Comparative no
2,5 m	814 010 111
6,5 m	814 010 101



Super AUX	Comparative no
6 m	814 002 301
12 m	814 002 311



Diag +	Comparative no
PC software kit with USB adapter	815 028 001
ECU connection to interface with 6,5 m cable	814 001 601
connection cable for chassis socket 6,5 m	814 011 001
ISO 7638 special test cable	815 018 001
USB interface	950 800 902



Fleet +	Comparative no
Fleet + CD and specification kit	815 042 001
Fleet + kit with cable	815 019 001
Fleet + and DIAG + kit with cable	815 043 001



switch box	Comparative no
for rear panel mounting, 7 m	815 031 001
for front panel mounting, 7 m	815 040 001



Info Centre	Comparative no
0,5 m for chassis socket	815 010 011
6,5 m ADR	815 013 011
6,5 m	815 001 131



Info Point	Comparative no
7 m	815 021 001
18 m	815 021 011



Labels	Comparative no
Chassis plate A	028 5276 09
Instruction plate	028 5262 09
Data plate EBS	028 5301 09
EB+ stability plate, reflective	028 5330 09



Trailer Control Module	Comparative no
with pressure relief valve, with instruction plate	352 067 001
with pressure relief valve, without instruction plate	352 067 001
without pressure relief valve, without connections 23, 24, 24, with instruction plate	352 067 021
without pressure relief valve, without connections 23, 24, 24, without instruction plate	352 067 031
with pressure relief valve, connection 25 sealed, with push-in, with instruction plate	352 067 041
with pressure relief valve, connection 25 sealed, with push-in, without instruction plate	352 067 051



control pressure sensor	Comparative no
thread M16 x 1,5	815 022 001



double exhaust valve	Comparative no
without check valve, trailer brake valve required	352 044 001
with check valve, trailer brake valve required	352 045 001
with check valve, with emergency brake valve	352 046 001



pressure switch	Comparative no
pressure switch	041 502 309
pressure switch cable, 10 m	814 001 502
repair kit for pressure switch	950 800 903



brake pad wear indicator	Comparative no
brake pad wear indicator	815 015 001
blind plug	027 5260 09
sensor extension cable, 5 m	814 007 111



ILAS-E	Comparative no
without push-in	352 061 101
without push-in and DIN connector	352 061 111
with push-in	352 062 101
with push-in and DIN connector	352 062 011
6-pole connection with push-in and DIN connector	352 070 021
7-pole connection with push-in	352 070 002/011



2M 5AUX Trailer EBS

2



COLAS	Comparative no
COLAS dual-circuit RfR	338 051 101
COLAS dual-circuit hold-to-run control function	338 052 101
COLAS dual-circuit Basis	338 053 101
COLAS single circuit RfR	338 057 101
COLAS + RfR (RoRo)	338 061 101



Soft Docking	Comparative no
Kit, complete	815 024 001
optical add-on parts	815 026 001
acoustic add-on parts	815 025 001
Basis kit	815 027 001
adjustment key for sensor	042 708 309



Trailer brake valve	Comparative no
with connection for control pressure sensor	351 033 001



Repair sets	Comparative no
quick exhaust valve kit	950 800 307
two way valve kit	950 800 905



Electronic height sensor	Comparative no
electronic height sensor	815 030 001
cable for electronic height sensor, 4 m	814 020 001



CAN repeater	Comparative no
CAN repeater unit	815 020 001
CAN repeater dolly cable, 18 m	814 018 441
CAN repeater connection cable, 20 m	814 017 312

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- \\ \\ Saves approx. 700 litres of diesel fuel per year*.
- \\ \\ Reduces CO² emissions by 2.68 kg per 1 litre of diesel fuel
- \\ \\ No matter what vehicle - the right solution for every application
- \\ \\ Protection of the engine and attachments
- \\ \\ Battery life extension

* depending on vehicle and installed system



You can find our Green Energy products on pages 420 and 421!

cross-reference number



	2M	3M	DVC	QRV	STAB	S AUX	P AUX
823.008 xxx	✓		✓	✓	✓	✓	
823.034 xxx	✓	✓	✓	✓	✓	✓	✓
950 823 008	✓		✓	✓	✓	✓	
950 823 034	✓	✓	✓	✓	✓	✓	✓

EB+ Gen3 1M Slave	Comparative no
Gen3 1M Slave	810 023 001

The EB+ Gen3 slave unit (ECU + valve) is supplied as a complete unit, it cannot/must not be separated.



EB+ Gen3 plate	Comparative no
plate	028 5262 09



Sensor kit	Comparative no
angled (including retaining clamp)	950 364 503
straight (including retaining clamp)	950 364 506



TrCM+	Comparative no
with/without Safety Parking	352 067 xxx



EB+ Info Centre 2 (DIAGN)	Comparative no
Haldex Info Centre 2	815 041 001
Haldex Info Centre 2 ADR	815 046 001



TEM	Comparative no
with Safe Parking	352 075 xxx



COLAS (AUX 1, 2 and 3)	Comparative no
raise/lower valve with Reset To Ride	338 061 xxx
raise/lower valve with Reset To Ride	338 062 xxx
raise/lower valve with Reset To Ride	338 071 xxx



Control line sensor (AUX 4 or 5)	Comparative no
M16 x 1,5 thread for trailer brake valve	815 022 001



ILAS-E (AUX 1, 2 and 3)	Comparative no
Lifting axle control valve	352 061 xxx
Lifting axle control valve	352 062 xxx
Lifting axle control valve	352 070 xxx



Service kits for modulator	Comparative no
quick exhaust valve service kit	950 800 307
two way valve service kit	850 800 905

cross-reference number



Trailer brake valve	Comparative no
with connection for control pressure sensor	351 033 xxx



Info Point (AUX 1)	Comparative no
Info Point with cable, 7 m	815 021 001
Info Point with cable, 18 m	815 021 011



Soft Docking (AUX 4 or 5)	Comparative no
complete system with acoustic and optical signalling	815 024 001
Kit without optical signalling	815 025 001
Kit without acoustic signalling	815 026 001
Basis kit	815 027 001
Lite-Kit	815 051 001
sensor setting tool	042 708 309



Brake pad wear indicator (AUX 4)	Comparative no
AUX cable, standard, 2 m	815 015 001
blind plug (standard)	027 5260 09
sensor extension cable, 5 m	814 007 111



EB+ Gen3 Stability (AUX 5)	Comparative no
Stability Sensor (extern)	815 012 011

cross-reference number



Electronic height sensor (AUX 4 and/or 5)	Comparative no
electronic range sensor	815 030 001
range sensor cable (see AUX cable)	814 012 2xx
linkage (vertical)	612 025 001
linkage (horizontal)	003 575 709

TPMS



TPMS	Comparative no
receiver control (RCU)	815 052 001
wheel sensor	042 727 209
cable and clamping unit	003 951 709
cable pliers	042 727 309
Information plate for wheel unit	006 700 021_M
TPMS trigger (hand unit)	815 053 001



DIAGN (4-pole) to FCI connector	Comparative no
1,2 m, rear RCU not terminated	814 040 001
1,2 m, front RCU not terminated	814 040 101
1,2 m, front RCU terminated	814 040 201
6 m, front RCU terminated	814 040 211
10 m, front RCU terminated	814 040 221

Diagnostic software

DIAG+	Comparative no
Diagnosis cable kit for EB+ Gen3	950 800 912
Contents of kit:	
ECU/PC interface cable, 6,5 m	814 036 001
EB+ ISO diagnosis cable kit	815 018 001
EB+ SOV/PC interface cable, 6,5 m	814 011 001
Transport packaging	042 623 719



EB+ interface	Comparative no
EB+ interface kit	950 800 909
Contents of kit:	
USB-PC interface (DIAG+)	815 023 001
USB cable	042 707 309

Fleet+	Comparative no
Fleet+ interface kit	950 800 910
Contents of kit:	
USB-PC interface (Fleet+)	815 023 011
USB cable	042 707 309

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Diagnosis cable (DIAGN)



Info Centre 2 to diagnostic socket	Length
814 025 001	1 m



Diagnostic socket to ECU	Length
814 030 001	6,5 m
814 030 011	2,5 m
814 030 021	5 m
814 030 031	15 m



Vehicle to PC interface (dongle)	Length
814 011 001	6,5 m
814 011 011	15 m



DIAGN (4-pole) to DIN	Length
814 033 001	1 m
814 033 011	12 m



DIAGN (4-pole) to PC interface (dongle)	Length
814 036 001	6,5 m
814 036 011	15 m
814 036 021	20 m



DIAGN (4-pole) to DIAGN (4-pole)	Length
814 037 001	6,5 m
814 037 011	0,5 m
814 037 021	8 m
814 037 031	14 m



Y splitter (4 x 4 x 4 way)	Length
814 038 001	0,5 m

● **3M connecting cable**



3M connecting cable	Length
814 041 001	12 m
814 041 011	2 m
814 041 021	5 m
814 041 031	14 m
814 041 041	10 m
814 041 051	8 m

Sensor cable (SENS)



Sensor cable	Length
814 004 401	3 m
814 004 411	6 m
814 004 421	2 m
814 004 431	10 m
814 004 441	14 m
814 004 451	8 m
814 004 461	12 m
814 004 471	4 m

● **PWR-B cable**



Super-AUX cable	Length
814 002 301	6 m
814 002 311	12 m
814 002 321	9 m
814 002 331	4 m
814 002 341	1 m



Voltage supply B to Super AUX according to ISO 15170		Length
814 004 301	(4-pole)	1 m
814 004 311	(4-pole)	6 m



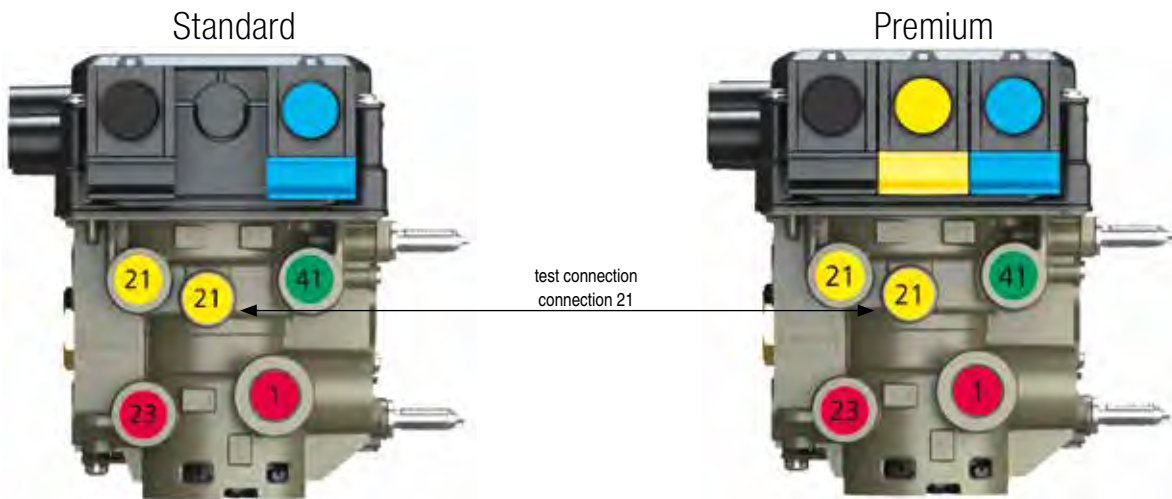
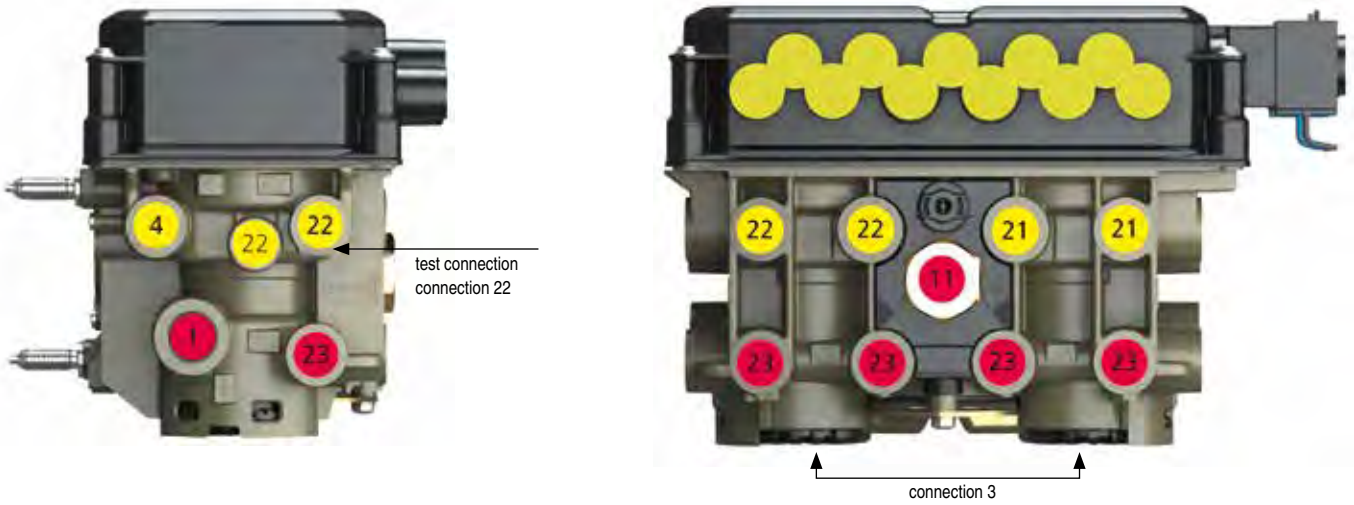
Voltage supply B to Super AUX according to ISO 15170		L1	L2
814 029 001	(4-pole)	1 m	1 m
814 029 011	(4-pole)	6 m	5 m
814 029 021	(4-pole)	6 m	1 m

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- ▄▄▄ Test and adjustment values (cars/commercial vehicles)
- ▄▄▄ Vehicle technical hotline

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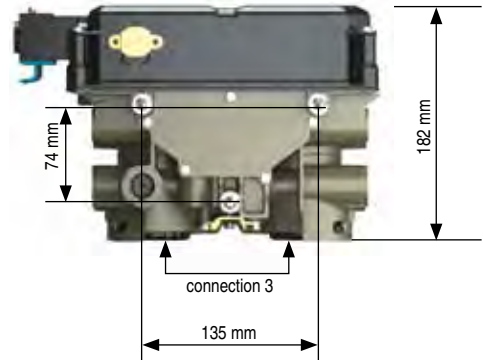
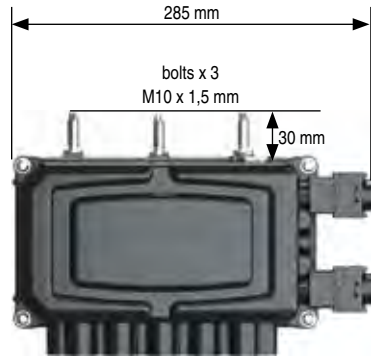




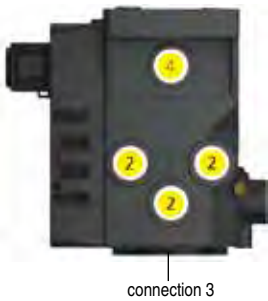
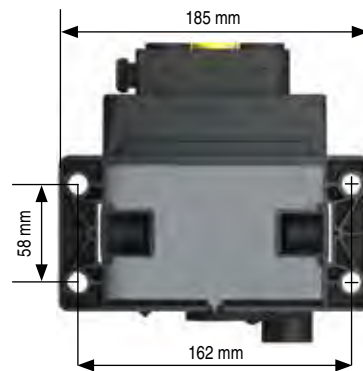
cross-reference numbers and connections/fittings

Comparative no		connection 4 side/22				
		4	1	Test	22	23
Standard	823 008 001	M16	M22	M12	M16	M16
Standard	823 008 101	8 x 1	15 x 1,5	Connector	12 x 1,5	8 x 1
Standard	823 008 111	8 x 1	15 x 1,5	8 x 1	12 x 1,5	Connector
Standard	823 008 213	8 x 1	16 x 2	Connector	12 x 1,5	8 x 1
Standard	823 008 291	8 x 1	15 x 1,5	Connector	12 x 1,5	8 x 1
Premium	823 034 001	M16	M22	M12	M16	M16
Premium	823 034 101	8 x 1	15 x 1,5	Connector	12 x 1,5	8 x 1
Premium	823 034 111	8 x 1	15 x 1,5	8 x 1	12 x 1,5	Connector
Premium	823 034 213	8 x 1	16 x 2	Connector	12 x 1,5	8 x 1
Premium	823 034 291	8 x 1	15 x 1,5	Connector	12 x 1,5	8 x 1
AM	950 823 008	M16	M22	M12	M16	M16
AM	950 823 034	M16	M22	M12	M16	M16

EB+ Gen3 installation



EB+ Gen3 slave installation



front								
22	22	21	21	11	23	23	23	23
M16	M16	M16	M16	M16	M16	M16	M16	M16
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	8 x 1	Connector	Connector	8 x 1
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	10 x 1	8 x 1	8 x 1	8 x 1	8 x 1
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	Connector	8 x 1	8 x 1	Connector
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	8 x 1	8 x 1	8 x 1	8 x 1

connection 41 side/21				
21	23	Test	41	1
M16	M16	M12	M16	M22
12 x 1,5	8 x 1	8 x 1	8 x 1	15 x 1,5
12 x 1,5	Connector	Connector	8 x 1	15 x 1,5
12 x 1,5	8 x 1	Connector	8 x 1	16 x 2
12 x 1,5	8 x 1	Connector	8 x 1	15 x 1,5

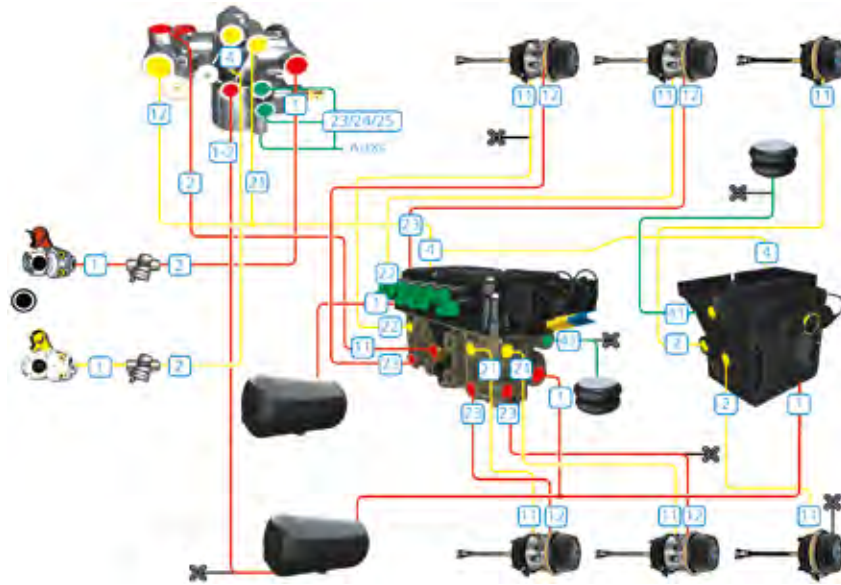
M16	M16	M16	M16	M16	M16	M16	M16	M16
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	8 x 1	Connector	Connector	8 x 1
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	10 x 1	8 x 1	8 x 1	8 x 1	8 x 1
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	Connector	12 x 1,5	8 x 1	Connector
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	8 x 1	8 x 1	8 x 1	8 x 1

M16	M16	M12	M16	M22
12 x 1,5	8 x 1	8 x 1	8 x 1	15 x 1,5
12 x 1,5	Connector	Connector	8 x 1	15 x 1,5
12 x 1,5	8 x 1	Connector	8 x 1	16 x 2
12 x 1,5	8 x 1	Connector	8 x 1	15 x 1,5

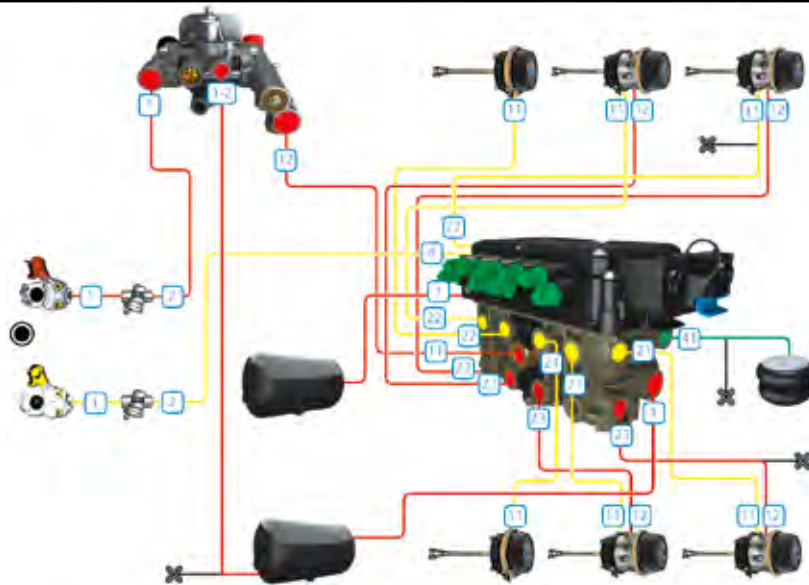
M16	M16	M16	M16	M16	M16	M16	M16	M16
M16	M16	M16	M16	M16	M16	M16	M16	M16

M16	M16	M12	M16	M22
M16	M16	M12	M16	M22

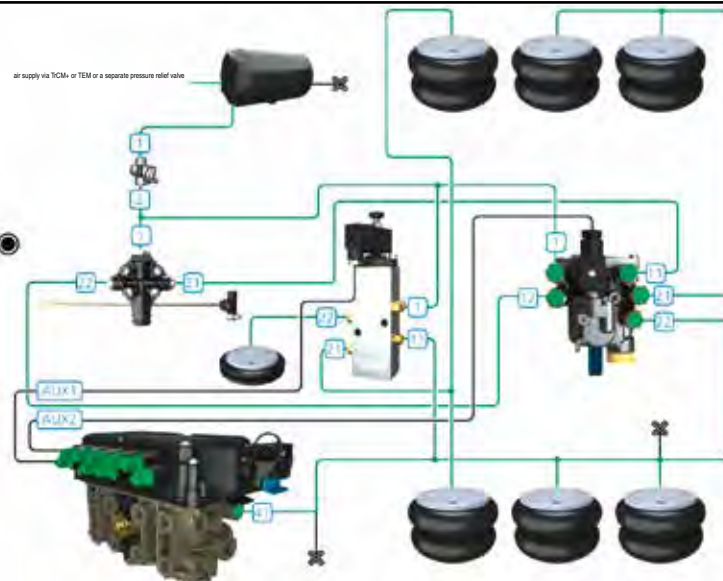
2M, parallel, with TEM



3M, with TrCM+



2M, COLAS+ and ILAS-E



● ISO 7638 cable PWR-A



Socket to ISO 7638 (without fuse)	Length
814 003 102	12 m
814 003 112	16 m
814 003 122	18 m
814 003 132	9 m
814 003 142	14 m
814 003 152	6 m



Pin plug to ISO 7638 (without fuse)	Length
814 004 102	9 m
814 004 112	12 m
814 004 122	15 m
814 004 132	18 m



ISO 7638 to 7-pole DIN connector	Length
814 003 201	1 m
814 003 211	12 m



ISO 7638 diagnosis	Length
815 018 001	0,5 m



ISO voltage supply A to 7-pole connector	Length
814 026 001	1,5 m
814 026 011	4,5 m
814 026 021	12 m



ISO cable unit pin plug/socket	Length
814 002 001	30 m

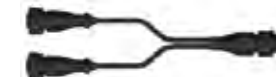
AUX cable



AUX cable	Length
814 001 302	7 m
814 001 312	18 m
814 001 322	2 m
814 001 332	4 m
814 001 342	1 m
814 001 352	12 m
814 001 372	10 m



AUX cable to DIN connector	Length
814 012 201	7 m
814 012 211	18 m
814 012 221	1 m
814 012 231	2 m
814 012 241	5 m
814 012 251	3 m
814 012 261	4 m
814 012 271	10 m



Pin plug to socket to socket (2 x 2 x 2 way)	L1	L2
814 027 001	0,5 m	0,5 m



Pin plug to socket to socket (3 x 2 x 2 way)	L1	L2
814 028 011	4 m	2 m
814 028 001	0,5 m	0,5 m



AUX (3-pole) to AUX (3-pole)	Length
814 032 001	1 m
814 032 011	4 m
814 032 021	7 m
814 032 031	18 m



Y splitter (3 x 2 x 2 way)	Length
814 039 001	0,5 m

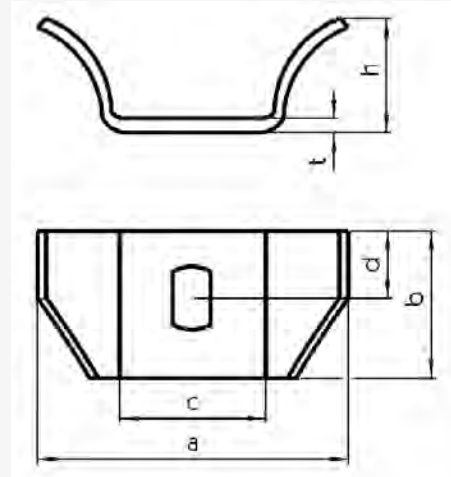


Y splitter (3 x 3 x 3 way)	Length
814 039 001	0,5 m



Chassis

Chassis mounting	176
Wheel chocks/holders.....	177 – 179
Support winches	180 – 183
Spare wheel holder.....	184
Underrun protection	185 – 187



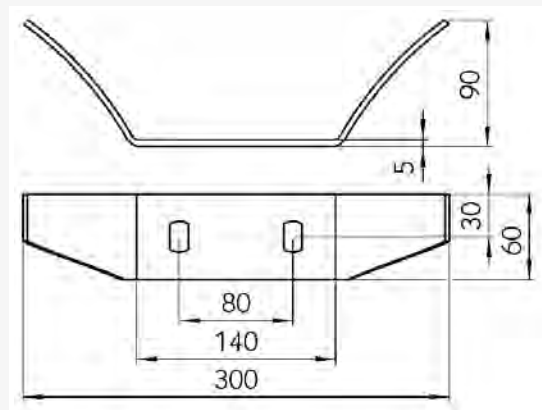
Weld-on bracket

Surface untreated

Application range
for subframe fixing

This figure corresponds to 9081 411 020

Size	a	b	c	d	h	t	Hole size	Order no
1	106 mm	50 mm	50 mm	27 mm	40 mm	5 mm	21,5 x 13 mm	9081 411 020
2	155 mm	60 mm	70 mm	29 mm	69 mm	6 mm	25 x 17 mm	9081 411 030
3	155 mm	60 mm	70 mm	29 mm	73 mm	8 mm	25 x 17 mm	9081 412 000



Weld-on bracket

with 2 slotted holes

Width 300 mm
Height 90 mm
Hole size 30 x 15 mm
Surface untreated

Order no
9081 413 140

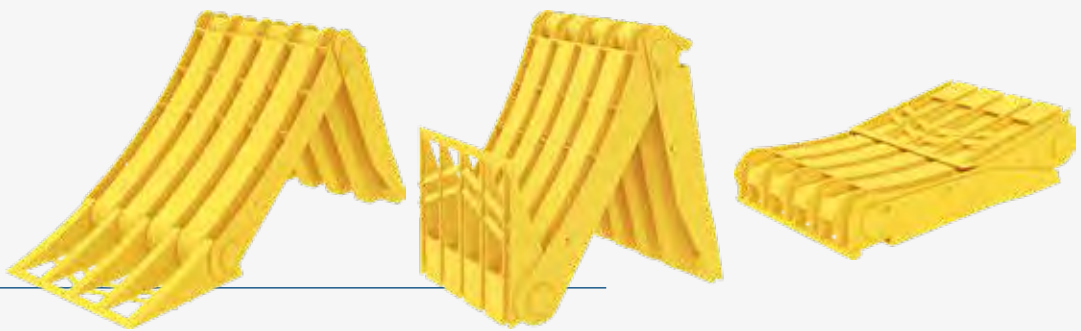
Chock Crowny 36

Version with anti-skid protection
 Material plastic
 Colour yellow
 Length x width x height 336 x 123 x 148 mm

		Order no
		9080 090 100

Accessories

Description	Fig.	Order no
Chock holder for Crowny 36, plastic	1	9080 210 100
Chock holder for Crowny 36, metal	2	9080 020 020



Chock ORIGAMY®

Version with skid protection, folding
 Material plastic
 Colour yellow
 Length x width x height 472 x 199 x 230 mm

		Order no
		9080 500 100

Accessories

Description	Order no
Chock holder for folding brake shoe, plastic, 314 x 166 x 235 mm	9080 710 200
Chock holder for folding brake shoe, steel, 314 x 166 x 235 mm	9080 710 100



Chock holder for folding brake shoe

Material Aluminium
 Surface Anodized
 Length x width x height 69 x 65 x 35 mm

Model	Fig.	Order no
Alok Single	1	9080 740 100
Alok Double	2	9080 740 200



Chock

Material plastic
Colour yellow

Form	Length x width x height	Order no
G46	383 x 160 x 193 mm	9080 100 106
G53	467 x 198 x 225 mm	9080 010 106



Chock holder

Material plastic
Colour black

Suitable for	Height	Width	Order no
Wheel chock NG53	344 mm	284 mm	9080 020 500
Wheel chock NG46	232 mm	253 mm	9080 020 350



Chock holder

Surface galvanised

Version	Clearance	Order no
G 36	125 mm	9081 414 070
G 46	165 mm	9080 141 971
G 53	205 mm	9900 653 215



Chock with integrated handle

Material Steel
Surface galvanised

Version	Length x width x height	Order no
G36	255 x 120 x 150 mm	9081 419 670
G46	365 x 160 x 190 mm	9081 419 680



This figure corresponds to 9081 419 670

Chock

with integrated handle

Version	G 53, folding
Standard	DIN 76051
Length x width x height	470 x 200 x 230 mm
Form	G
Material	sheet steel
Surface	powder-coated

Scope of supply
with 2 green coloured polyester straps

Order no

9080 753 705



Chock holder

Suitable for Wheel chock 200 mm

Can be clamped to the chassis / T-girder

Version	E53, with quick-release fastener
Angle	120°
Material	plastic

Order no

9080 020 520



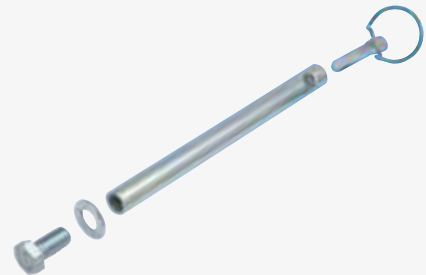
Retaining tube

For wheel chock

Version	with bolt and security pin
Surface	galvanised
∅	21 mm
Length	250 mm

Order no

9080 020 700





Bodywork jack

tested according to BGV D8

because of its low weight and built-on rubber tyred chassis it can easily be rolled to any location, safety is ensured by the large stable base plate

Type	1094.8
Top load	8 t
Claw load	7 t
Stroke	480 mm
Overall height	1200 mm

Application range

for lifting and supporting trucks, bodies, containers etc.

Order no

9620 000 004



Axle stand

adjustable

Version	with rubber support
Height	920/350 mm
Force	210 N

static load 15 t
foot 500 x 500 mm

Order no

9622 136 840



Landing legs

for centre axle trailer

Type	S/DS615
Version	pivotable
Drawbar load	7 t
Stroke	300 mm
Overall height	600 mm

Order no

9620 000 147





Stabilising jack set

Type AX, for vehicles with air suspension

support jack and pendulum foot made of aluminium, thereby giving a considerable weight advantage, easy to operate, spring-loaded, undetachable load pins, exchangeable with conventional standard spindle supports

Drawbar load 20 t

Application range

suitable for steel and aluminium chassis

Overall height	Stroke	Order no
795 mm	500 mm	9620 000 795
995 mm	450 mm	9620 000 995



JOST

Stabilising jack set

module B

Version without foot and accessories
Fastening double plate

Type	Stroke	Installation height	Order no
B0203000000	520 mm	850 mm	3013 203 000
B0303000000	470 mm	800 mm	3013 303 000
B0403000000	430 mm	750 mm	3013 400 285
B0503000000	400 mm	700 mm	3013 503 000
B0603000000	350 mm	650 mm	3013 603 000



JOST

Landing legs

module B, single

Version without foot and crank
Fastening Double plate

Type	Installation side	Stroke	Installation height	Order no
B02030000	left	520 mm	850 mm	3013 203 002
B02030000	right	520 mm	850 mm	3013 203 001
B03030000	left	470 mm	800 mm	3013 303 002
B03030000	right	470 mm	800 mm	3013 303 001
B04030000	left	430 mm	750 mm	3013 400 287
B04030000	right	430 mm	750 mm	3013 400 286
B05030000	left	400 mm	700 mm	3013 503 002
B05030000	right	400 mm	700 mm	3013 503 001
B06030000	left	350 mm	650 mm	3013 603 002
B06030000	right	350 mm	650 mm	3013 603 001



JOST

Service parts

suitable for Jost Module B

Description	Length	Order no	Description	Length	Order no
Connection shaft	1470 mm	3001 002 803	Supporting base 02, A-design		3001 002 601
Stabilising jack crank	350 mm	3001 002 605	Supporting base 04, T-design		3001 002 603
Stabilising jack crank	450 mm	3001 002 607	Supporting base 06, TC-design		3001 002 598
Crank mounting , Suitable for 520-620 mm crank		3001 008 124	Strut angle, loose		3001 002 811
Supporting base 01, S-design		3001 002 600	Clamping device		3001 002 812

JOST

Landing legs

OPTIMA

Weight-optimised, economical, ideally suited for long-distance traffic

Base shape S

Load capacity 24 t

This figure corresponds to 3013 000 707



Version	Installation side	Stroke	Installation height	Order no
with gear, screw-on plate double	right	350 mm	700 mm	3013 000 701
with gear, screw-on plate double	right	400 mm	750 mm	3013 000 702
with gear, screw-on plate double	right	450 mm	800 mm	3013 000 703
without gearbox, screw-on plate double	left	350 mm	700 mm	3013 000 705
without gearbox, screw-on plate double	left	400 mm	750 mm	3013 000 706
without gearbox, screw-on plate double	left	450 mm	800 mm	3013 000 707

JOST

Landing legs

Module CI

Base shape S

Stroke 430 mm

Installation height 750 mm

Type	Installation side	Order no
CI 1042100L	left	3001 042 100
CI1042100R	right	3001 104 210



JOST

Landing legs module CS

Type	CS 1064700R
Version	without crank
Stroke	380 mm
Installation height	650 mm
Low L	0,9 mm
Overdrive	15 mm
Base shape	T, rigid
Fastening	continuous bolt-on plate

Application range

for rear support of silo semi-trailers

Order no

3013 106 470



3

SAFO



Stabilising jack set

Hercules

Scope of supply

Complete, with mounting plate and accessories

This figure corresponds to 4409 007 100 4409 007 100

Stroke	Installation height	Base shape	Order no
310 mm	650 mm	TC	4409 007 500
350 mm	650 mm	T	4409 007 000
350 mm	655 mm	S	4409 006 500
360 mm	700 mm	T	4409 006 900
360 mm	700 mm	TC	4409 007 400
400 mm	705 mm	S	3110 033 890
410 mm	750 mm	A, semicircular	9089 007 800
410 mm	750 mm	S	4409 006 300
410 mm	750 mm	T	4409 006 800

Stroke	Installation height	Base shape	Order no
410 mm	750 mm	TC	4409 007 300
460 mm	800 mm	A, semicircular	4409 007 700
460 mm	800 mm	S	3110 338 900
460 mm	800 mm	T	4409 006 700
460 mm	800 mm	TC	4409 007 200
510 mm	850 mm	S	4409 006 100
510 mm	850 mm	T	4409 006 600
510 mm	850 mm	TC	4409 007 100

On these pages we show you an extract from our comprehensive range of support winches and matching spare parts.

Support winches in further sizes as well as JOST modules of type CB, CD, CF, CH, CI, CK, CT, CW, CY and FS075 can be obtained from us on request.



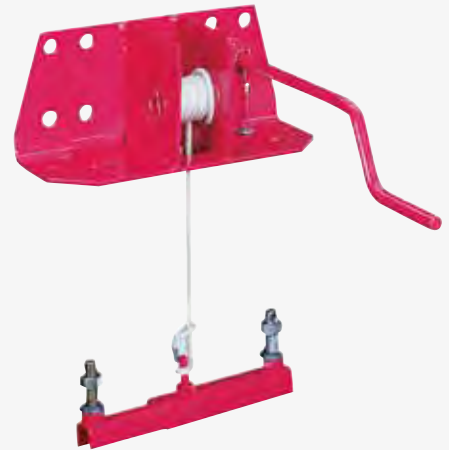
Spare wheel holder with integrated worm gear winch

Suitable for Wheels with 10-hole rims with offset and 335 mm bolt circle diameter
Surface powder-coated

Scope of supply
with cable

Completely assembled

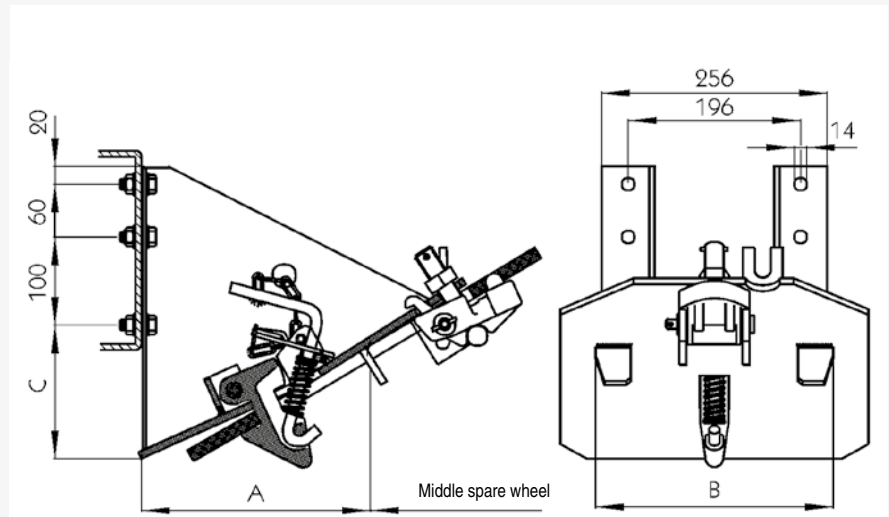
Version	Order no
Set with adjustable clamping arm	9624 000 014
Set with rigid clamping arm	9622 057 800



Spare wheel winch

sturdy, easy to turn winch for handling truck spare tyres by one person, versatile installation, self-locking, splash water protected worm gear unit, for operation with steel or plastic cable

Version	Order no
with fixed crank handle	9620 000 044
with removable crank	9620 200 229



Spare wheel holder

Version ERH 10/335
Hole circle 335 mm
Rim thickness max. 16 mm
A ~ 188 mm
B 270 mm
C 43 mm

Application range
for medium and heavy commercial vehicles
only for rims with offset

Order no
9081 611 290



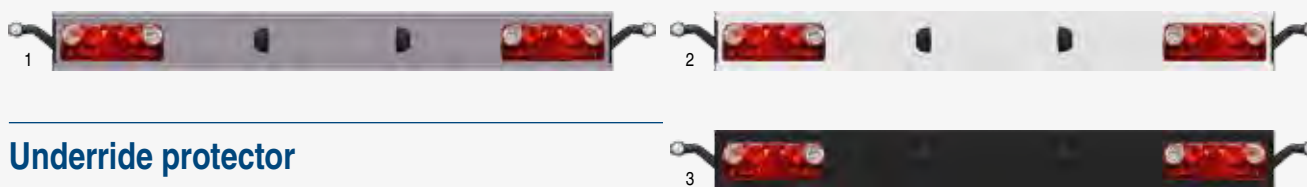
Underride protector

Length 2400 mm
 Voltage 24 V
 Material Aluminium

Scope of supply
 complete, with lighting kit (Ecoled II, Superpoint IV, Regpoint II LED, distributor)
 complies with UNECE/R58-03

Ecoled II:
 \ \ \ Interchangeable lens/entire combination rearlight can be used left and right
 \ \ \ large light area
 \ \ \ homogeneous light image
 \ \ \ Running light with dynamic indicator

Surface	Colour code	Fig.	Order no	Comparative no
anodised		1	9085 641 400	Suer 204564140
powder-coated	RAL 9010	2	9085 642 400	Suer 204564240
powder-coated	RAL 9005	3	9085 643 400	Suer 204564340

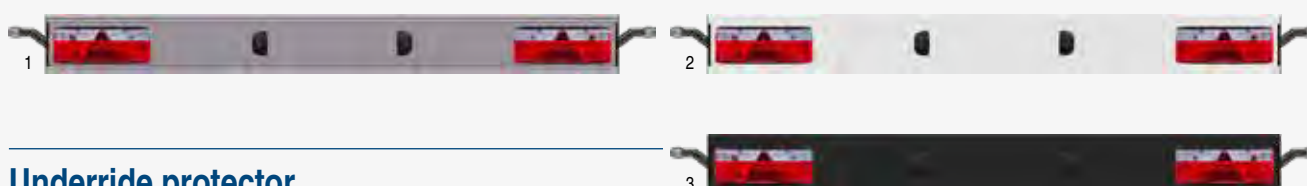


Underride protector

Length 2400 mm
 Voltage 24 V
 Material Aluminium

Scope of supply
 complete, with lighting kit (Europoint II, Superpoint III LED, Regpoint I, distributor)
 complies with UNECE/R58-03

Surface	Colour code	Fig.	Order no	Comparative no
anodised		1	9085 641 600	Suer 204564160
powder-coated	RAL 9010	2	9085 642 600	Suer 204564260
powder-coated	RAL 9005	3	9085 643 600	Suer 204564360



Underride protector

Length 2400 mm
 Voltage 24 V
 Material Aluminium
 Connection 7-pin Aspöck ASS2.1

Scope of supply
 complete, with lighting kit (Europoint III, Superpoint IV, Regpoint I, distributor)
 complies with UNECE/R58-03

Europoint III:
 \ \ \ First luminaire with „Light guide“ for the trailer
 \ \ \ Possibility for direct attachment of an additional flexible LED clearance light

Surface	Colour code	Fig.	Order no	Comparative no
anodised		1	9085 641 700	Suer 204564170
powder-coated	RAL 9010	2	9085 642 700	Suer 204564270
powder-coated	RAL 9005	3	9085 643 700	Suer 204564370



Underride protector with Europoint I tail light

Type	563040	Connection	LP 20, cable 15-core
Width	2400 mm	Material	aluminium
Voltage	24 V	Surface	anodised
Cable length	1500 mm		

Scope of supply

2 x Europoint I tail lights, 2 x Superpoint III LED clearance lights, 2 x Regpoint number plate lights, 1 x distributor, plastic cover caps
approved for vehicles in accordance with ADR zone 2



Order no

9085 632 600

Assembly set for underride protection

Type 564040

Order no

9083 805 649



Underride protector

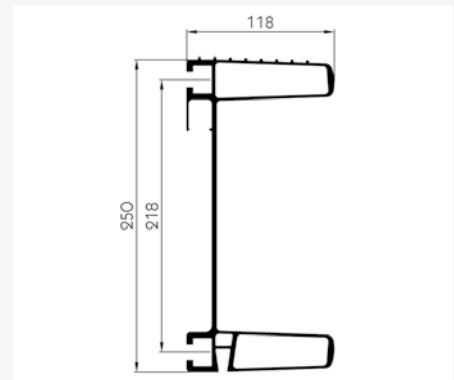
Length	2400 mm	Material	aluminium
Width	118 mm	Surface	anodised
Height	250 mm		

When combined with the U-profile bracket (EUROPART No. 9085 630 470) or a DIN 1026-U 120-S235JRG2 U-profile, this underrun protection meets the current directive 70/221/EEC.

Version	Order no
not pre-bored, unworked	9085 630 400
pre-drilled, fully worked	9085 630 480

Accessories

Description	Order no
Cover cap, PVC, black	9085 630 440
Slotted nut/attachment screw M12, with square	9085 630 410





Underride protector

Type	2430	Material	steel	Colour code	RAL 9010
Width	2400 mm	Surface	powder-coated		
Voltage	24 V	Colour	white		

Scope of supply
complete with ASS 3 lighting set (clearance arm in LED)

Order no
9085 633 550

Underride protector

Only up to 10 t permitted total weight

Length	2300 mm	Material	steel
Width	85 mm	Surface	galvanised
Height	253 mm		

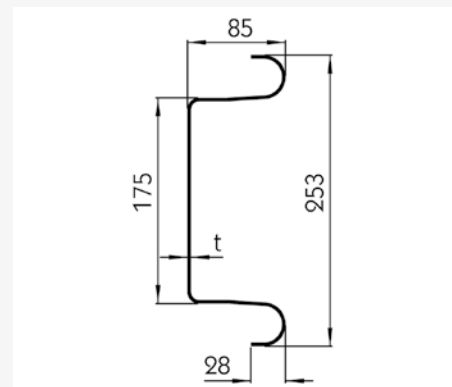
Scope of supply
Without cover caps

This underrun protection profile is part of an underrun protection device which does not conform to the current directive 70/221/EEC. From 11.03.2010, the underrun protection device must not be mounted on commercial vehicles which are being registered for the first time.

Type	Thickness	Order no
2325	2,5 mm	9085 611 330
2330	3 mm	9085 611 630

Accessories

Description	Order no
Cover cap, PUR, black	9085 611 570
Cover cap, steel, galvanised	9085 611 660



Underride protector

Version	with end caps
Width	228 mm
Colour	grey

without TÜV acceptance

Order no
9080 007 540



End cap for underride protection

Type	564040
Material	plastic

Order no
9083 805 647





Add-on parts

Side underrun protection	190 – 193
Mudguards.....	194 – 203
Rear aprons/mudflaps	204 – 205
Storage/tool boxes	206 – 212
Ladders and steps	213
Fire extinguisher boxes.....	214
Add-on parts, general	216

Bracket

for lateral collision protection

Version foldable
 Length 46 mm
 Width 130 mm



Height	Order no
572 mm	9083 012 080
710 mm	9083 017 120

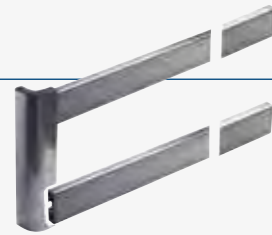
Accessories

Description	Order no
Socket pin, galvanised	9080 000 016

Longitudinal profile

for side collision protection

Width 30 mm
 Height 100 mm
 Material aluminium



Length	Order no	Length	Order no
2000 mm	9085 911 620	3900 mm	9085 911 516
2500 mm	9085 911 513	4000 mm	9085 911 517
3000 mm	9085 911 514	6000 mm	9085 911 510
3500 mm	9085 911 515		

Accessories

Description	Order no
Cover cap for longitudinal profile, rear	9080 091 151



Aluminium profiles for side collision protection and accessories

Description	Height	Fig.	Order no
End profile, front, aluminium	100 mm	1	9085 911 521
End profile, front, aluminium	500 mm	1	9085 911 522
End profile, front, aluminium, anodised	500 mm	1	9085 911 523
End profile, front, aluminium	sold by the meter	1	9085 911 520
Cover cap, front, plastic		2	9085 612 270
Clamping piece, aluminium		3	9085 910 860

Longitudinal profile

for side collision protection

Length 3500 mm
Width 100 mm
Height 35 mm
Material plastic with zinc-plated steel core



Colour	Order no
grey	9080 001 007
black	9080 010 120

This figure corresponds to 9080 001 007

Clamping piece

for side collision protection

Length 32 mm
Width 24 mm
Height 29 mm



Order no
9080 010 900

End profile

for side collision protection

Installation location front
Installation side left/right
Length 140 mm
Width 100 mm
Material plastic



Height	Colour	Order no
100 mm	grey	9080 010 250
100 mm	black	9080 010 260
500 mm	grey	9080 104 000
500 mm	black	9080 104 100

This figure corresponds to 9080 010 250

Cover cap

for side collision protection, longitudinal profile

Length 106 mm
Width 44 mm
Height 40 mm
Material plastic



Colour	Order no
grey	9080 001 095
black	9080 001 096

This figure corresponds to 9080 001 095



Retaining tube

side underrun protection

for bolting or welding onto the web of the side member

Version	with flange	Crank	90 mm
Length	710 mm	Material	steel
∅	40 mm	Surface	galvanised

Order no
9085 611 860



4

Clamping collar

for side collision protection

to accept the support tube/U-profile

Height	235 mm
Material	steel
Surface	galvanised

Order no
9085 611 871



Bracket

U-profile, for side collision protection

Material	steel
Surface	galvanised

Height	Order no
500 mm	9085 611 830
700 mm	9085 611 820
800 mm	9085 611 810
1000 mm	9085 611 800



This figure corresponds to 9085 611 820

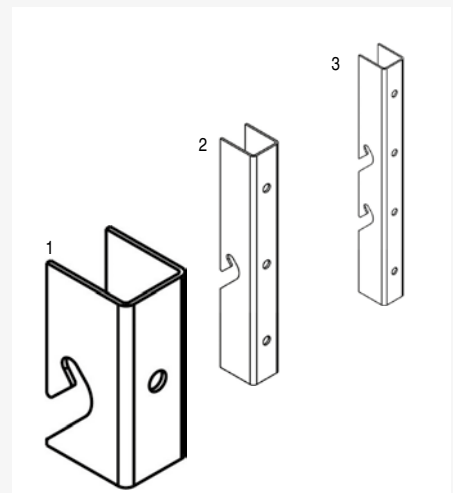
Bearing part

for side collision protection, detachable

for the suspension of the planks

Height	100 mm
Material	steel
Surface	galvanised

Height	No. of longitudinal profiles	Fig.	Order no
100 mm	1	1	9085 612 240
300 mm	1-2	2	9080 003 930
500 mm	2	2	9080 003 931
700 mm	3	3	9080 003 928



Swivel adapter

for side collision protection

Type 4000
Width 56 mm
Material steel
Surface galvanised

Order no

9085 612 840



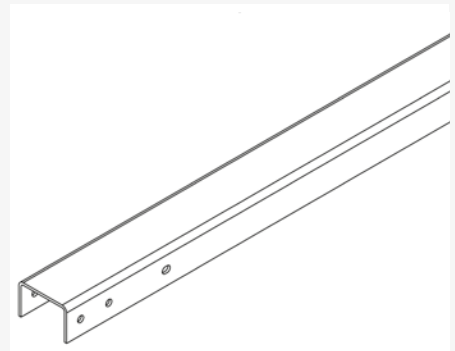
Carrier

U-profile, for side collision protection

Length 2300 mm
Material steel
Surface galvanised

Order no

9085 612 420



Clamping cheek

for side collision protection

Version 2-sided, 5-8/8-12 mm
Material steel
Surface galvanised

Order no

9085 612 390



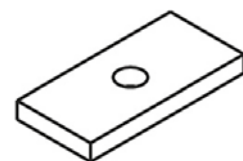
Reinforcing panel

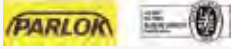
for side collision protection

Length 94 mm
Width 45 mm
Height 10 mm
Material steel
Surface galvanised

Order no

9085 612 430





Wing
White Line, short

Material HD polythene

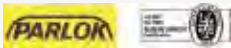
Width	Length	Radius	Clamping width	Order no
430 mm	650 mm	650 mm	630 mm	9370 843 684
450 mm	700 mm	650 mm	650 mm	9085 070 005
500 mm	650 mm	500 mm	600 mm	9090 855 501
550 mm	650 mm	550 mm	610 mm	9370 005 072
600 mm	650 mm	580 mm	610 mm	9370 005 075
650 mm	700 mm	630 mm		9090 865 634



Wing
short

Version with integral brackets
Material plastic

Type	Width	Length	Radius	Clamping width	Order no
L-PE 27.580.06-IKK	270 mm	600 mm	660 mm	580 mm	9090 008 333
L-PE 40.670.07-IKK	400 mm	700 mm	670 mm	670 mm	9091 021 407
L-PE 45.670.07-IKK	450 mm	700 mm	670 mm	670 mm	8000 003 552
L-PE 60.600.06-IKK	600 mm	620 mm	640 mm	600 mm	9090 216 006
L-PE 65.670.07-IKK	650 mm	700 mm	670 mm	670 mm	9083 751 700
L-PE 67.615.06-KK	670 mm	640 mm	640 mm	615 mm	9083 751 750



Wing
Semicircle

Version White Line, with brackets 42 mm
Width 430 mm
Length 1900 mm

Radius 650 mm
Material plastic

Order no
8052 126 190

Accessories

Description	Order no
Clamp, \varnothing 42 mm	9095 510 000

DOMAR

Wing Semicircle

Version with adjustable brackets (\varnothing 42 mm), with white rim
 Width 430 mm
 Length 2125 mm
 Radius 650 mm
 Clamping width 1300 mm
 Material Polypropylene



Order no

9090 002 680

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Wing Semicircle

Version with integrated consoles
 Material plastic



Type	Width	Length	Height	Radius	Order no
H-PE 40.1160.20-IKK	400 mm	1940 mm	640 mm	580 mm	9090 008 263
H-PE 40.1280.20-IKK	400 mm	2010 mm	640 mm	640 mm	9090 970 254
H-PE 40.1300.21-IKK	400 mm	2100 mm	680 mm	650 mm	9083 751 470
H-PE 40.1300.21-IKK	400 mm	2100 mm	680 mm	650 mm	9083 751 471
H-PE 45.1300.21-IKK	450 mm	2100 mm	650 mm	680 mm	9083 751 501
H-PE 41.1280.20-IKK	410 mm	2000 mm	640 mm	635 mm	9090 124 122
H-PE 45.1280.20-IKK	450 mm	1900 mm	640 mm	640 mm	9083 751 490
H-PE 45.1280.20-IKK	450 mm	2010 mm	640 mm	640 mm	9090 008 275
H-PE 45.1300.21-IKK	450 mm	2100 mm	650 mm	680 mm	9083 751 500
L-PE 48.6550.7 IKK	480 mm	700 mm		530 mm	9090 008 070
H-PE 48.1060.17-IKK	480 mm	1650 mm	640 mm	530 mm	9090 008 281
H-PE 51.1060.17-IKK	510 mm	1650 mm	520 mm	530 mm	9083 751 510
H-PE 55.1060.17-IKK	550 mm	1650 mm	520 mm	530 mm	9090 125 517
H-PE 60.1140.18-IKK	600 mm	1750 mm	550 mm	570 mm	9090 126 018
H-PE 61.1300.21-IKK	610 mm	2100 mm	680 mm	650 mm	9083 751 560
H-PE 65.1300.21-IKK	650 mm	2100 mm	680 mm	650 mm	9083 751 590
H-PE 65.1140.18-IKK	650 mm	1750 mm	550 mm	570 mm	8000 000 266
H-PE 65.1300.19-IKK	650 mm	1900 mm	580 mm	650 mm	9083 751 800
H-PE 67.1380.21-IKK	670 mm	2100 mm	655 mm	690 mm	9090 126 721



Wing
Semicircle

Version White Line, reinforced, without splash guard
Material plastic

Width	Length	Height	Radius	Clamping width	Order no
430 mm	1900 mm	580 mm	650 mm	1300 mm	9090 167 500
430 mm	2125 mm	690 mm	650 mm	1300 mm	9090 168 000
600 mm	1700 mm	540 mm	550 mm	1100 mm	9090 165 500
650 mm	1900 mm	600 mm	630 mm	1280 mm	9090 167 000
670 mm	2125 mm	680 mm	670 mm	1340 mm	9090 168 500
680 mm	1900 mm	590 mm	630 mm	1270 mm	9090 181 500



Wing
semi-circle

Material plastic

Type	Width	Length	Radius	Clamping width	Order no
H-PE 40.1280.20	400 mm	2010 mm	640 mm	1280 mm	9090 970 250
H-PE 65.1300.21	650 mm	2070 mm	650 mm	1300 mm	9090 365 210

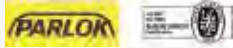
Wing
semi-circle

Version with side reflectors
Width 680 mm
Length 2273 mm
Radius 660 mm
Material plastic



Order no

9091 768 230



Wing Semicircle

Version White Line
Material plastic

Width	Length	Height	Radius	Clamping width	Order no
405 mm	1900 mm	595 mm	635 mm	1270 mm	9370 840 635
430 mm	1900 mm	580 mm	650 mm	1300 mm	9090 843 681
430 mm	2175 mm	720 mm	650 mm	1300 mm	9090 843 680
450 mm	1900 mm	580 mm	650 mm	1300 mm	9090 125 190
450 mm	2100 mm	680 mm	650 mm	1300 mm	9090 125 210
480 mm	1800 mm	580 mm	580 mm	1160 mm	9090 848 580
500 mm	1600 mm	500 mm	500 mm	1000 mm	9370 850 500
500 mm	1700 mm	550 mm	500 mm	1000 mm	9090 850 503
550 mm	1700 mm	550 mm	500 mm	1000 mm	9090 023 171
550 mm	1700 mm	530 mm	550 mm	1100 mm	9090 855 551
595 mm	1700 mm	530 mm	550 mm	1100 mm	9370 859 550
600 mm	1850 mm	595 mm	580 mm	1160 mm	9370 860 581
630 mm	1650 mm	495 mm	580 mm	1150 mm	9370 863 580
650 mm	1900 mm	590 mm	630 mm	1260 mm	9090 865 631
670 mm	2090 mm	660 mm	670 mm	1340 mm	9370 867 671
680 mm	1900 mm	590 mm	630 mm	1260 mm	9370 868 631
680 mm	2175 mm	690 mm	690 mm	1380 mm	8000 100 924



Wing with flat centre section

Material plastic

Type	Width	Length	Height	Central piece	Clamping width	Order no
Parlok Flat Top	260 mm	1400 mm	440 mm	400 mm	840 mm	8052 026 565
Parlok Flat Top	260 mm	1570 mm	480 mm	500 mm	900 mm	9370 005 070
H-PE 45.860.14E	450 mm	1500 mm	425 mm	400 mm	860 mm	9090 045 141
Parlok Flat Top	450 mm	1570 mm	480 mm	440 mm	900 mm	9090 025 137
H-PE 45.1000.17 EMS	450 mm	1680 mm	520 mm	520 mm	980 mm	9083 751 260
HM 5117 K	510 mm		560 mm	510 mm	1000 mm	9083 750 270
H-PE 55.1105.19 E	550 mm	1870 mm	550 mm	650 mm	1150 mm	9083 750 550

¹ with integral side reflector



Wing

Width 490 mm
Material plastic

Version	Length	Order no
short	412 mm	9090 049 040
long	608 mm	9090 049 060

Accessories

Description	Order no
Clamp, Pipe Ø 42 mm	9090 844 210
Clamp, Pipe Ø 52 mm	9098 452 100



Wing

Vario, with mud flaps

good flexibility in cold, UV resistant, high tear strength

Width 490 mm
Length 608 mm
Material polyethylene

length incl. mud flaps 984 mm

Scope of supply
without brackets

Order no
9090 970 429

Accessories

Description	Order no
Clamp, Pipe Ø 42 mm	9090 844 210
Clamp, Pipe Ø 52 mm	9098 452 100



Wing apron

short

Width 450 mm
Height 640 mm
Depth 130 mm
Material plastic

Order no
9090 970 420





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1935

Product examples from factory 1



Product examples from factory 1



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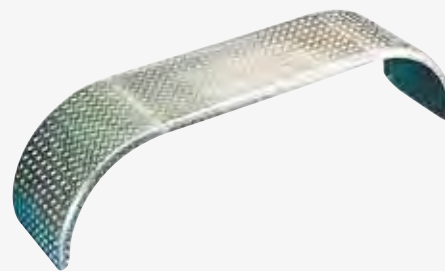
Wing

double axle mudguard

Length	3600 mm	Clamping width	2700 mm
Width	650 mm	Material	aluminium, chequer plate
Radius	650 mm		

Order no

9091 865 360



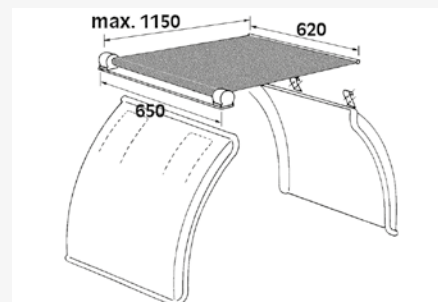
Wing blind

for 3-part combinations

Scope of supply
with 2 counterholds and aluminium fixing rail

Order no

9083 810 840



Support tube

for wing bracket

Length 700 mm \varnothing 40 mm

Version

without plate

Order no

9090 001 001

with plate to bolt on

9090 001 000



Support tube

for mudguard bracket

Screw-on

Version straight \varnothing 40 mm

Length 800 mm

Scope of supply

Hexagon head screw M16 x 50, counter washer, plastic lamellar plug

Order no

5311 381 530



Support tube

for mudguard bracket

Version offset \varnothing 40 mm

Length 700 mm Surface galvanised

Scope of supply

without fittings

Order no

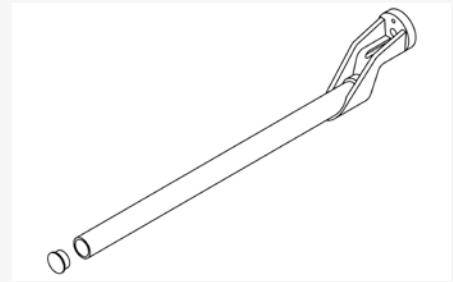
9090 010 091



Support tube for wing bracket

Version with flange
Length 830 mm
Ø 42 mm

Order no
9083 813 240



Support tube for mudguard bracket

Version with chassis connection (thread M16)
Form cranked
Ø 42 mm
Material thickness 2,5 mm
Surface lacquered

Length	Order no
505 (390) mm	9090 008 056
580 (310) mm	9090 008 064



Support tube for mudguard bracket

Version offset
Ø 40 mm
Length 800 mm
Thickness 4 mm
Surface galvanised

Scope of supply
with fixings

Order no
9083 815 430



Accessories set

for support tube
central bolt M16 x 50, washer and end cap

Order no
9083 813 700



End cap

Suitable for 51 mm support tube
Material plastic

Order no
9083 810 480





Wing bracket

consisting of upper and lower part

Type	VR 40	Adjustment range	150 mm
Version	steplessly adjustable	Wing radius	500-700 mm
Length	340 mm	Surface	galvanised
Pipe \varnothing	40 mm		

Order no

9092 900 049



Wing bracket

Length 340 mm
Radius 600-700 mm

Pipe \varnothing	Order no
40 mm	9090 004 200
50 mm	9090 004 100



Mounting console

complete, without support tube

Order no

9090 002 000



Console

for wing bracket type 400

Length 450 mm Radius 660 mm
Width 115 mm Pipe \varnothing 40 mm

Order no

9083 810 760

Accessories

Description	Order no
Striker plate, single	9083 810 700



Console

for wing bracket

Suitable for tube \varnothing 40/42,4 and 50/51 mm, mudguard radius from 600-700 mm
Version long
Length 340 mm
Surface galvanised

Description	Order no
Console	9083 811 050
Upper clamp, Pipe \varnothing 40/42 mm	9083 810 820
Upper clamp, Pipe \varnothing 51 mm	9083 810 810



This figure corresponds to 9083 811 050

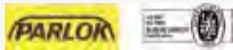
Mounting console

for wing bracket

Suitable for tube \varnothing 40 mm, mudguard radius from 600-700 mm

Order no

9084 065 220



Wing bracket

VR

consisting of upper and lower part

Version	steplessly adjustable	Adjustment range	150 mm
Type	VR 42.4	Wing radius	500-700 mm
Length	340 mm	Surface	galvanised
Pipe \varnothing	42,4 mm		

Order no

9092 900 050



Clamp

for IKK Mudguards/Injection Moulding

With integrated brackets (wide spacer plate)

Pipe \varnothing	Order no
42 mm	9090 844 220
52 mm	9098 452 200



Clamp

for IKK mudguards/rotated version

with integrated brackets (narrow spacer plate)

Pipe \varnothing	Order no
42 mm	9090 844 210
52 mm	9098 452 100





Mud flap

Version with EUROPART logo

Scope of supply
with fastening elements

Width	Height	Number of holes	Order no
260 mm	260 mm	2	9080 026 262
300 mm	300 mm	3	9080 030 302
350 mm	300 mm	4	9080 035 302
400 mm	300 mm	4	9080 040 302
400 mm	400 mm	4	9080 040 402
450 mm	300 mm	5	9080 045 302
450 mm	400 mm	5	9080 045 402
500 mm	400 mm	5	9080 050 402

Width	Height	Number of holes	Order no
550 mm	300 mm	6	9080 055 302
550 mm	400 mm	6	9080 055 402
600 mm	400 mm	7	9080 060 402
650 mm	400 mm	7	9080 065 402
500 mm	300 mm	5	9080 070 302
600 mm	300 mm	7	9080 160 301
650 mm	300 mm	7	9080 165 301

Mud flap

Scope of supply
with fixings

This figure corresponds to 9083 810 090



Width	Height	Distance betw. holes	Number of holes	Order no
260 mm	260 mm	100 mm	2	9083 810 090
300 mm	300 mm	110 mm	3	9083 810 100
350 mm	300 mm	100 mm	4	9083 810 110
400 mm	300 mm	110 mm	4	9083 810 120
400 mm	400 mm	110 mm	4	9083 810 130
450 mm	300 mm	100 mm	5	9083 810 150
450 mm	400 mm	100 mm	5	9083 810 160
500 mm	300 mm	100 mm	5	9083 810 170
500 mm	400 mm	110 mm	5	9083 810 180
550 mm	300 mm	100 mm	6	9083 810 190
600 mm	300 mm	110 mm	7	9083 810 220
600 mm	400 mm	110 mm	7	9083 810 230
650 mm	300 mm	110 mm	7	9083 810 250
650 mm	400 mm	100 mm	7	9083 810 260

Mud flap

Width 400 mm
Height 500 mm



Order no
9084 100 190



Rear apron
for underbody protection

with EUROPART logo and traffic symbols

Version 2-piece
Width 2400 mm
Height 380 mm

Scope of supply
complete with fittings



Order no
9193 180 001

Rear apron
for underride protection

with traffic icons, 10 mm bead, bayonet catch

Version 1-piece
Width 2360 mm
Height 380 mm

Scope of supply
without accessories



Order no
9083 812 780

Rear apron

with traffic symbols

Version 2-piece
Width 2400 mm
Height 380 mm

Order no
9193 190 002



Rear apron
for underbody protection

neutral, with traffic symbols

Version 1-piece
Width 2400 mm

Height 380 mm
Material PVC

Scope of supply
complete with fastening material



Order no
9193 190 006



Storage bin

Material polypropylene

TÜV certification for dust and water-resistance,
VCA certification as side collision protection

Width x height x depth	Size	Fig.	Order no
410 x 348 x 340 mm	1	1	3002 412 017
480 x 400 x 400 mm	2	2	3002 412 016
630 x 450 x 480 mm	3	3	3002 412 014
830 x 500 x 470 mm	4	4	3002 412 012
1030 x 500 x 455 mm	5	5	3002 412 010
1250 x 520 x 500 mm	6	6	3002 412 018

Accessories

Description	suitable for sizes	Order no
Bracket set, vertical, hot-galvanised, including fastening set	1-6	3001 468 402
Bracket set, horizontal, hot-galvanised, including fastening set	1-2	3001 468 412
Bracket set, horizontal, hot-galvanised, including fastening set	3-6	3001 468 422
Seal, Length 1400 mm	1	3001 462 200
Seal, Length 1650 mm	2	3001 462 001
Seal, Length 2050 mm	3	3001 462 002
Seal, Length 2500 mm	4	3001 462 003
Seal, Length 2950 mm	5	3001 462 004
Cover cap for Europlex lock	1-6	3001 469 501
Closing cylinder, with keys, keyed alike	1-6	3001 463 000

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DAKEN®
evolving ideas

Storage bin

with damper

Material stainless steel

Surface matt

Version	Width x height x depth	Order no
with ZEN closure	500 x 350 x 400 mm	3001 820 100
with ZEN closure	600 x 400 x 500 mm	3001 820 200
with ZEN closure	600 x 500 x 500 mm	3001 820 220
with ZEN closure	600 x 600 x 600 mm	3001 820 210
with ZEN closure	800 x 500 x 500 mm	3001 820 400
with ZEN closure	800 x 600 x 600 mm	3001 820 430
with ZEN closure	1000 x 500 x 500 mm	3001 820 600
with ZEN closure	1000 x 600 x 600 mm	3001 820 630
with ZEN closure	1200 x 500 x 500 mm	3001 820 800
with ZEN closure	1200 x 600 x 600 mm	3001 820 810

Version	Width x height x depth	Order no
with T-closure	500 x 350 x 400 mm	3001 822 100
with T-closure	600 x 400 x 500 mm	3001 822 200
with T-closure	600 x 500 x 500 mm	3001 822 220
with T-closure	600 x 600 x 600 mm	3001 822 210
with T-closure	800 x 500 x 500 mm	3001 822 400
with T-closure	800 x 600 x 600 mm	3001 822 430
with T-closure	1000 x 500 x 500 mm	3001 822 600
with T-closure	1000 x 600 x 600 mm	3001 822 630
with T-closure	1200 x 500 x 500 mm	3001 822 800
with T-closure	1200 x 600 x 600 mm	3001 822 810

Accessories

Description	Order no
Closing cylinder	3001 089 530
Fastener	3001 089 101
T-closure	3001 089 110
Lighting set	3001 089 151
Intermediate floor, suitable for ZEN storage box 400 x 300 x 300 mm	3001 800 002
Intermediate floor, suitable for ZEN storage box 500 x 350 x 400 mm	3001 800 003
Intermediate floor, suitable for ZEN storage box 600 x 400 x 500 mm	3001 800 004
Intermediate floor, suitable for ZEN storage box 800 x 500 x 500 mm	3001 800 005
Intermediate floor, suitable for ZEN storage box 1000 x 500 x 500 mm	3001 800 006
Intermediate floor, suitable for ZEN storage box 1200 x 500 x 500 mm	3001 800 007
Drawers, suitable for ZEN storage box 400 x 300 x 300 mm	3001 800 008
Drawers, suitable for ZEN storage box 500 x 350 x 400 mm	3001 800 009
Drawers, suitable for ZEN storage box 600 x 400 x 500 mm	3001 800 010
Drawers, suitable for ZEN storage box 800 x 500 x 500 mm	3001 800 011
Drawers, suitable for ZEN storage box 1000 x 500 x 500 mm	3001 800 012
Shock absorber, suitable for Storage box height up to 399 mm	3001 891 300
Shock absorber, suitable for Storage box height from 400 mm	3001 891 301
Gas spring, 50 N	3001 089 140
Gas spring, 100 N	3001 089 141
Gas spring, 150 N	3001 089 142
Gas spring, 200 N	3001 089 143
Gas spring, suitable for Storage box height 350-399 mm	3001 089 144

DAKEN®
evolving ideas

Storage bin

Flink

Dimensions 650 x 420 x 450 mm

Scope of supply

without accessories and fastening elements

Compatible with the brackets of the most important European vehicle manufacturers



Order no

3001 461 006

Accessories

Description	Order no
Cover	3001 089 608
Drawers	3001 469 700
Chain, cold galvanised	3001 469 545
Stay rope for storage box lid	3001 469 701
Bracket set, cold galvanised, incl. fastening set	3001 468 471
Bracket set, hot-dip galvanised, incl. fastening set	3001 468 472
Bracket set, Steel, Magnelis® coating, incl. fastening set	3001 468 473
Bracket set, vertical, incl. fastening set	3001 468 451
Bracket set, vertical, hot-galvanised, including fastening set	3001 468 402

DAKEN®
evolving ideas

Storage bin

Suitable for Genius chassis from Schmitz, dust and splash-proof due to internal rubber seal, lockable with four keys provided

Volume 109 l
Load-bearing capacity, max. 50 kg
Width x height x depth 685 x 500 x 500 mm
Material Polypropylene, Nylon

approved as side impact protection according to ECE-R 73



Order no

3001 461 005

DAKEN®
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Pallet storage box

Surface powder-coated

Version	Dimensions	Order no
for 8 pallets	1094 x 504 x 2434 mm	3001 828 008
for 16 pallets	1954 x 504 x 2434 mm	3001 828 016
for 18 pallets	2754 x 464 x 2434 mm	3001 828 018
for 24 pallets	1954 x 698 x 2434 mm	3001 828 024
for 24 pallets	2754 x 504 x 2434 mm	3001 828 224
for 30 pallets	2754 x 648 x 2434 mm	3001 828 030
for 32 pallets	3554 x 504 x 2434 mm	3001 828 032
for 36 pallets	2754 x 698 x 2434 mm	3001 828 036
for 36 pallets	3354 x 648 x 2434 mm	3001 828 136



This figure corresponds to 3001 828 136



Storage bin

Europa

with **stainless steel hinges** and rubber seal, ventilation at the rear, prepared for the installation of chains or dampers (with the lid opening downwards) or pneumatic springs (with the lid opening upwards), **splash water protected**

Material stainless steel
Material thickness 1,5 mm
Surface box and lid, matt

CE certified

Width x height x depth	Version	Fig.	Order no
600 x 600 x 600 mm	1 x T-handle closure	1	1287 820 606
800 x 600 x 600 mm	2 x T-handle closures	2	1287 820 608
1000 x 600 x 600 mm	2 x T-handle closures	3	1287 820 610

Accessories

Description	Suitable for	Order no
Bracket set, stainless steel, with mountings	toolbox with 600-900 mm width	1287 801 002
Bracket set, stainless steel, with mountings	toolbox with 900-1500 mm width	1287 801 003



Storage bin

Material polyethylene

order mounting separately

This figure corresponds to 9080 656 500

Type	Version	Width x height x depth	Order no
WK-FS 20		650 x 420 x 450 mm	9080 624 410
WK-FS 30		600 x 420 x 580 mm	9080 626 110
WK-FS 50	offset, with snap fastener	605 x 420 x 620 mm	9080 656 500
WK-FS 80	with snap fastener	950 x 500 x 500 mm	9080 105 000

Accessories

Description	Order no
Retaining clamp set, Suitable for WK-FS 20/30/50	9080 650 000
Retaining clamp, Suitable for WK-FS 80	9080 800 000
Fastener	1780 099 905

Storage bin

Type	WZK-XL HB
Version	offset, with closing lever, installed on mounting
Width x height x depth	660 x 500 x 665 mm
Material	polyethylene

Order no

9080 200 015

Accessories

Description	Order no
T-handle, with cylinder lock	9085 942 569



Storage bin

Type	T SL3
Version	Without holder
Width x height x depth	840 x 480 x 550 mm
Material	Polyethylene

Order no

9370 880 571

Accessories

Description	Order no
Bracket set, vertical	9370 880 572



External wrench

Spanner size	8 mm
Surface	zinc plated, chrome plated

Version	Order no
triangle	9802 120 080
square	9802 120 100



Document box

shape stability, meets custom regulations, can be locked with a padlock

Material	plastic
Fastening	3 holes for 5 mm dia. bolts
Width x height x depth	270 x 360 x 76 mm

Order no

9090 970 492





Document roll

Version With lid

∅	Length	Order no
55 mm	320 mm	9080 003 411
72 mm	358 mm	9080 003 412

∅	Length	Order no
86 mm	318 mm	9080 003 410
115 mm	319 mm	9080 003 409

4

Water tank

Version with filler neck and drain cock
 Length x width x height 455 x 350 x 360 mm
 Material plastic

Scope of supply
 without bracket



This figure corresponds to 9080 002 540

Description	Capacity	Colour	Order no
without soap dispenser	30 l	white	9080 002 510
without soap dispenser	30 l	black	9080 002 520
without soap dispenser	50 l	black	9080 002 540
with soap dispenser	30 l	white	9080 002 515
with soap dispenser	30 l	black	9080 002 525
with soap dispenser	50 l	black	9080 002 545

Accessories

Description	Order no
Bracket for 30 litre water container	9080 002 550
Bracket for 50 litre water container	9080 002 560
Bracket set for water tank 30/50 l	9080 002 551
Soap dispenser for 250 ml water container, black	9080 000 027
Soap dispenser for 250 ml water container, white	9080 000 029
Water tap for 30/50 litre water container, black	9085 000 026
Water tap for 30/50 litre water container , white	9085 000 025

Water tank

Capacity 25 l
 Material plastic

Version	Length x width x height	Order no
with fixing frame	634 x 200 x 450 mm	9080 002 615
without fixing frame	541 x 195 x 360 mm	9080 002 610

Accessories

Description	Order no
Water tap	9089 128 001
Cover	9089 128 000



This figure corresponds to 9080 002 615

Stepladder

Version 2-step, extendable
 Overall length 570 mm
 Overall width 430 mm
 Height 460 mm
 Material steel
 Surface galvanised

Order no

9080 008 615



Stepladder

Version 3-stage, extendable
 Overall length 753,5 mm
 Overall width 403 mm
 Material steel
 Surface hot-galvanised

Order no

9081 319 550



Step-up

pressed from sheet steel, slotted, with welded-on mounting brackets

Width 160 mm
 Depth 150 mm
 Material steel
 Surface galvanised

Application range
 for securing

Order no

9081 313 730



Step-up

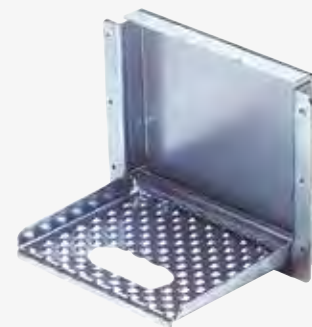
studded tread surface, ready to install

Width 160 mm
 Depth 150 mm
 Material steel
 Surface galvanised

Application range
 for installation in aluminium drop side profiles 25/30 mm

Order no

9081 315 190



Step-up

Width 160 mm
 Depth 150 mm
 Material steel
 Surface galvanised

Application range
 for screw attachment, e.g. on drop side

Order no

9081 315 180





**EURO
PART**

Fire extinguisher box

TÜV certification for dust and water-resistance,
VCA certification as side collision protection

Suitable for	Width x height x depth	Version	Fig.	Order no
6 kg fire extinguisher	310 x 611 x 250 mm	with window	1	3002 413 810
6 kg fire extinguisher	310 x 611 x 250 mm	with window	2	3001 462 132
6 kg filling weight	310 x 611 x 250 mm	without window	3	8190 082 050
6 kg fire extinguisher	620 x 335 x 240 mm	with window	4	3001 462 170
6 kg and 9 kg fire extinguishers	310 x 675 x 250 mm	with window	5	3002 412 007
9 kg fire extinguisher	715 x 335 x 240 mm	with window	6	3001 462 130
12 kg fire extinguisher	335 x 865 x 240 mm	With window	7	3001 462 131

Accessories

Description	Order no
Protective pane, suitable for fig. 1, 2, 5	3001 469 505
Protective glass, suitable for fig. 4, 6	3001 469 515
Clamping ring, \varnothing 160 mm	3001 469 506
Clamping ring, \varnothing 170-190 mm	3001 469 507
Locking spring, PVC	3001 469 508
Fastening washer, with adjustable polypropylene strap, Suitable for Fire extinguisher $< \varnothing$ 150 mm	3001 469 020
Fastening washer, with adjustable Velcro strap, Suitable for Fire extinguisher \varnothing 190/205 mm	3001 469 021
Bracket for fire extinguisher box	3001 468 850

**EURO
PART**

Fire extinguisher box

Version without window
Suitable for 6 kg fire extinguisher
Width x height x depth 265 x 595 x 280 mm

Order no
3001 462 412

Accessories

Description	Order no
Locking spring	3001 469 567
Bracket, cold galvanised, with screw set	3001 488 531
Bracket, hot-dip galvanised, with screw set (Geomet coating)	3001 488 532
Bracket set, vertical, hot-galvanised, including fastening set	3001 468 402

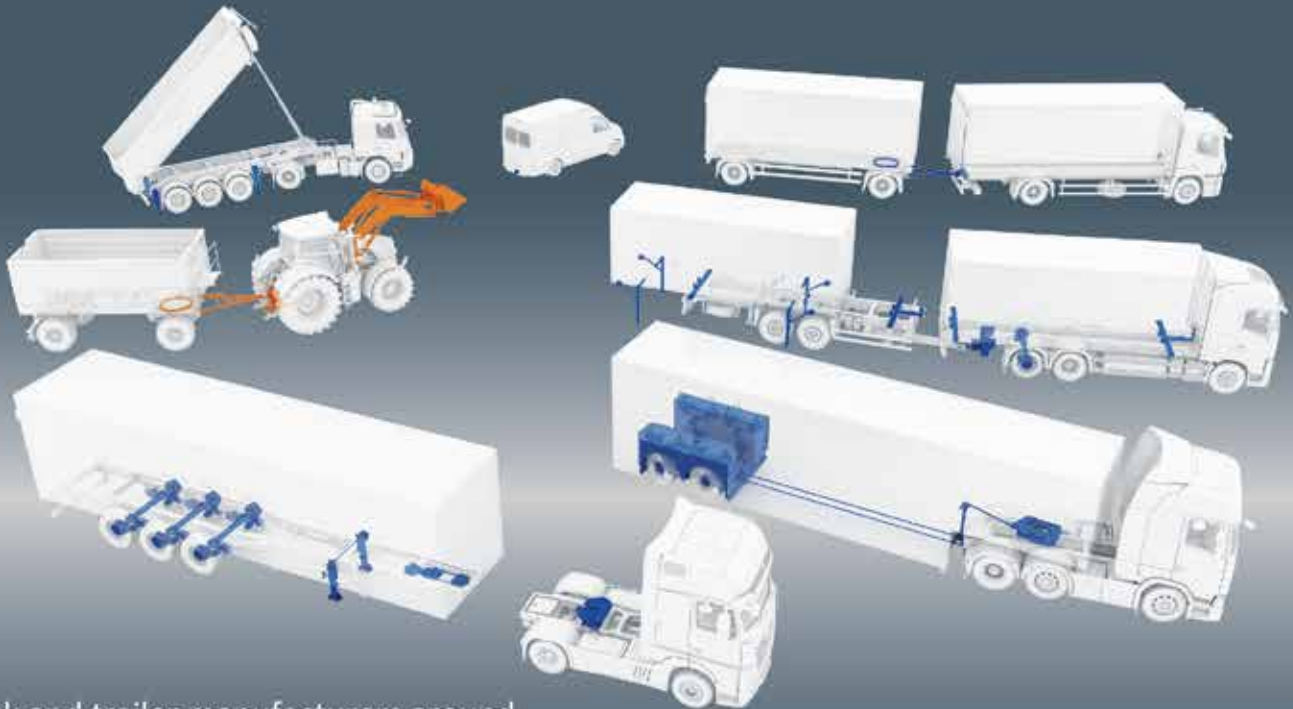


JOST ROCKINGER TRIDEC Quicke

JOST

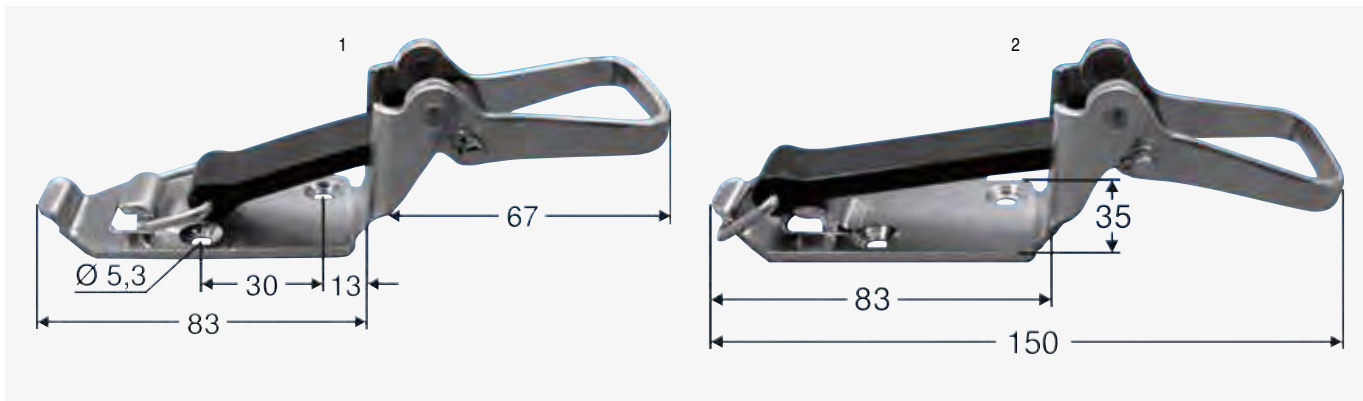


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Handle holder with rubber strap

Material steel
Surface galvanised

Application range
for securing brooms, shovels etc.

Tightening strap length	Fig.	Order no
60 mm	1	9802 581 200
77.5 mm	2	9802 581 100

Accessories

Description	Order no
Tightening strap rubber, 60 mm	9802 581 120
Tightening strap rubber, 77 mm	9802 581 110



XXLKW Secure Parking Elbebrücke

XXL-sized truck parking spaces on the A9

Although many new truck parking spaces have already been created in recent years, the efforts made so far are far from sufficient. The predicted further increase in heavy goods traffic in the coming years underlines the urgency of expanding additional spaces.

We as EUROPART support the passionate project XXLKW Secure Parking. 800 m from the Vockerode motorway exit in Saxony-Anhalt (A9 Munich - Berlin) is the HGV Secure Parking for all HGVs from a weight class of 15 tonnes (HDT) - quietly located but still close to the motorway. And with everything truckers need for a relaxing break.

As part of our roadshow, we also stopped here and celebrated not only our anniversary, but also the opening of the outdoor gym of the Truckers Life Foundation - powered by EUROPART. You can find out more in the video.

>> Rapid approval procedures and subsidies would lead to much quicker results here, in order to promote and advance the expansion of parking space capacities by e.g. private investors. Our own drive is to offer professional drivers something so that they can get back on the road rested and relaxed. That is why the construction of this special car park with all its advantages is a *project close to my heart* and that of my entire team. <<

Gerhard Hauptstein

Gerhard Hauptstein,
Managing Director XXLKW

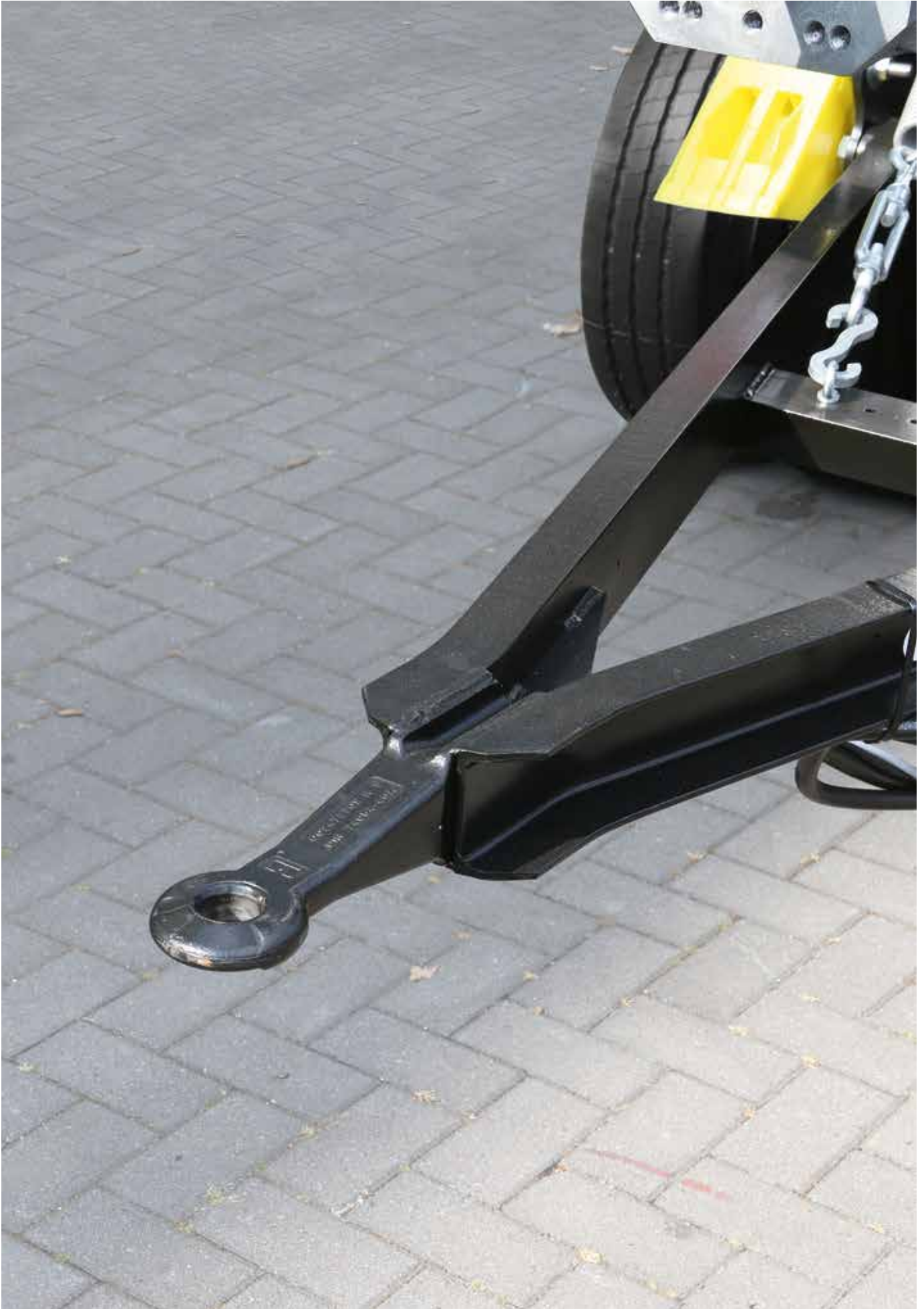


XXLKW
Secure Parking
Elbebrücke



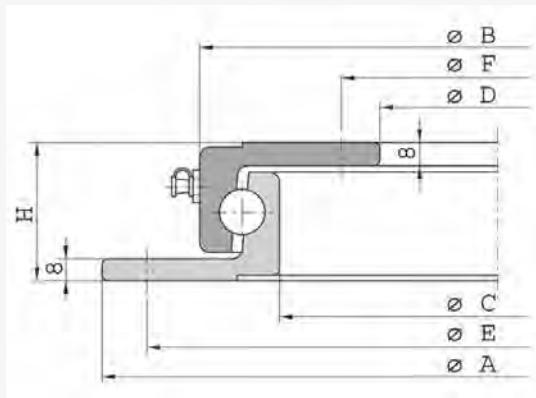
*Max Hunt
meets XXLKW*





Vehicle connections

Turntables.....	220 – 221
Drawbars	222
Drawbar components.....	223 – 225
Kingpin.....	226 – 228



JOST

Ball steering turnplate

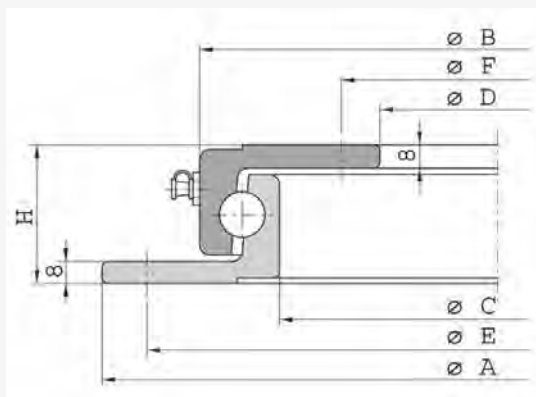
Version standard, undrilled
 Flange thickness 8 mm
 Surface cataphoretic dip coated

Application range

agricultural trailers and transport equipment up to 30 km/h

This figure corresponds to 3030 400 110

Type	Height	A	B	E	F	Axial load, max.	Order no
KLK 400 L	45 mm	400 mm	342 mm	375 mm	260 mm	7.5 kN	3030 400 110
KLK 500 L	45 mm	500 mm	442 mm	475 mm	360 mm	9 kN	3030 500 110
KLK 750 L	45 mm	750 mm	692 mm	725 mm	610 mm	18 kN	3030 750 110
KLK 850 L	45 mm	850 mm	792 mm	825 mm	710 mm	25 kN	3030 850 110



JOST

Ball steering turnplate

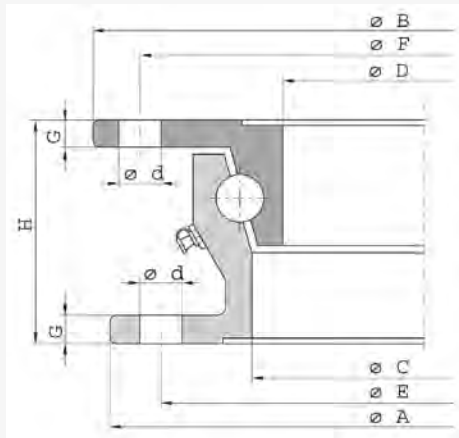
Type KLK 500 N
 Height 52 mm
 A 500 mm
 B 437 mm
 E 475 mm
 F 340 mm
 Axial load, max. 18 kN

Application range

heavy agricultural trailers and light truck trailers above 30 km/h

Order no

3030 500 130



Ball steering turnplate

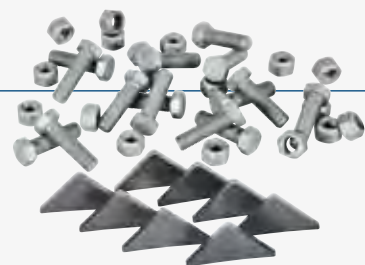
Flange thickness 10 mm
 Height 90 mm
 Surface cataphoretic dip coated

Type	Version	A	B	E	F	D	H	Axial load, max.	Order no
KLK HE 1100-22	standard, drilled	1000 mm	1108 mm	1060 mm	1074 mm	959 mm	90 mm	120 kN	3030 110 770
KLK HE 1100-22 W	low maintenance, drilled	1000 mm	1108 mm	1060 mm	1074 mm	950 mm	90 mm	120 kN	3030 110 780
KLK HE 1200-22	standard, drilled	1200 mm	1208 mm	1160 mm	1174 mm	1059 mm	90 mm	130 kN	3030 120 770
KLK HE 1200-22 W	low maintenance, drilled	1200 mm	1208 mm	1160 mm	1174 mm	1050 mm	90 mm	130 kN	3030 120 780
KLK HE 1300-22 W	low maintenance, undrilled	1300 mm	1308 mm	1260 mm	1274 mm	1150 mm	90 mm	140 kN	3030 130 780
KLK HE 1300-22 W	Kögel hole pattern, low-maintenance, drilled	1300 mm	1308 mm	1260 mm	1274 mm	1150 mm	90 mm	140 kN	3030 130 790
KLK HE 1300-22 W	Crown hole pattern, low-maintenance, drilled	1300 mm	1311 mm	1260 mm	1274 mm	1150 mm	90 mm	140 kN	3030 231 010



Fastening set for ball steering turnplate

Scope of supply
 16 x hexagon head screws M16 x 1.5 x 5
 16 x hexagon nut M16 x 1.5
 8 x push plate



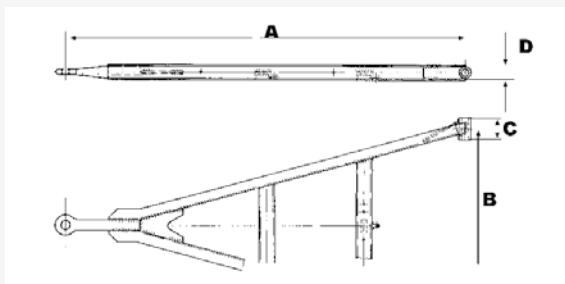
Order no
3001 000 500

Fastening set for turntable

Scope of supply
 16 x hexagon head screws M16 x 1.5 x 5
 16 x hexagon nut M16 x 1.5



Order no
9900 252 921



Forked draw-bar

GZL 27, Standard version

made of standard U-section, with ECE approval, draw-bar eye to DIN 74054 A

Bearing bush	Silent
Towed load	27 t
∅ of trailer coupling ring	40 mm
Standard	E1 01-1909

A	B	C	D	Order no
2100 mm	1300 mm	100 mm	30 mm	4832 101 344
2200 mm	1300 mm	100 mm	30 mm	4822 201 444
2300 mm	1300 mm	100 mm	30 mm	4832 301 344

FURTHER ITEMS AVAILABLE ON REQUEST

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EWOS
3.0

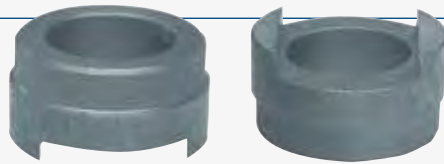
EURO
PART



Welded bush

with groove

Type	E11	Length	34 mm
Nominal measure	44 mm	Groove width	33 mm
Outer \varnothing	50 mm	Bore hole	30 mm



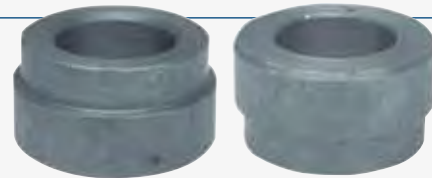
Order no

1500 008 030

Welded bush

without groove

Type	E11	Length	34 mm
Nominal measure	44 mm	Bore hole	30 mm
Outer \varnothing	50 mm		



Order no

1500 009 030

Shim washer

Material steel



Outer \varnothing	Inner \varnothing	Thickness	Order no
45 mm	26 mm	1 mm	9080 000 110
50 mm	28 mm	2 mm	9080 000 140
56 mm	30 mm	2 mm	9080 000 160
56 mm	30 mm	0,25 mm	9080 000 930
56 mm	30 mm	0,5 mm	9080 000 760
56 mm	30 mm	1 mm	9080 000 150

Spring bushing

for drawbar bearing

Material brass



Outer \varnothing	Inner \varnothing	Length	Order no
34 mm	28 mm	80 mm	1228 348 000
36 mm	30 mm	100 mm	1230 361 000
37 mm	30 mm	100 mm	1230 371 000

Plastic bush

for drawbar bearing

Outer \varnothing	36 mm	Length	48 mm
Inner \varnothing	30 mm		



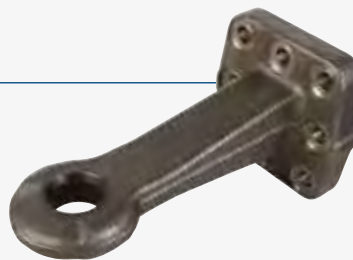
Order no

4903 048 300

Trailer coupling ring with flange

Version screw-on, shape D
Flange 8-hole
∅ of trailer coupling ring 40 mm
Length 250 mm

D-value 125 kN
Drawbar load 1000 kg
Standard DIN 74053



Order no

4900 000 045

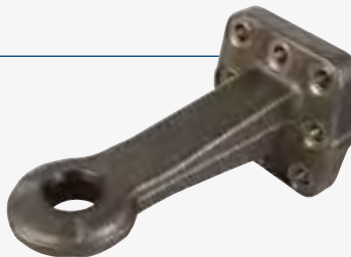
Comparative no

Rockinger 57243

Trailer coupling ring with flange

Version screw-on, shape C/D
Flange 8-hole
∅ of trailer coupling ring 50 mm
Length 250 mm

D-value 200 kN
Drawbar load 1000/2500 kg
Standard DIN 74053



Scope of supply

without weld-on plate and bolts

Order no

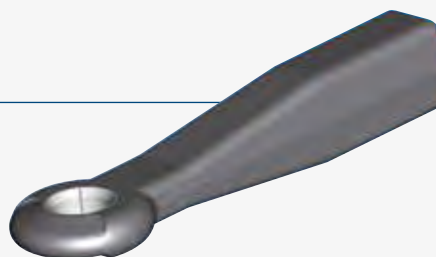
4900 000 050

Comparative no

Rockinger 57243

Trailer coupling ring with shaft

Version weld-in, shape A
∅ of trailer coupling ring 40 mm
Standard DIN 74054



D-value	Shank dimension	Welding range	Drawbar load	Towed load	Order no
18 kN	40 x 40 mm	110 mm	180 kg	1,8 t	3360 572 600
125 kN	65 x 55 mm	125 mm	900 kg	8 t	3360 572 680
125 kN	65 x 60 mm	125 mm	1000 kg	9,5 t	3360 572 700

Trailer coupling ring bushing

Inner ∅ 40 mm
Version closed design
Material steel

Application range

for repairing trailer coupling according to DIN 74054

Outer ∅	Scope of supply	Order no
48 mm	without ring	4906 000 400
48,5 mm	1 ring	4906 000 401
49 mm	2 rings	4906 000 402
49,5 mm	3 rings	4906 000 403
50 mm	4 rings	4906 000 404



Trailer coupling ring bushing

Inner \varnothing 50 mm
Material steel

Application range

for repairing drawbar eyes according to DIN 74053

Outer \varnothing	Version	Form	Order no
60 mm	slotted	A, B	3360 530 040
60 mm	closed design	D	3360 533 760
60,5 mm	1 ring		3360 533 620
61 mm	2 rings		3360 533 630



Trailer coupling ring bushing

Outer \varnothing 60,3 mm
Inner \varnothing 50 mm
Material steel

Application range

for repairing drawbar eyes according to DIN 74053

Order no
3261 026 933



Vertical adjustment device

for forked draw-bar

Type GNZ 27
Version acting on tension
Length 510-650 mm

Scope of supply

with spring tension lock, weld-on support

Order no
4908 000 008



Screw-on stops

for drawbar attachment

Version for UNP 80
Width 80 mm

Order no
9084 330 330

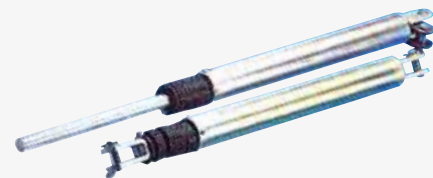


Tensioning device

Scope of supply

with eyelets/bucks and weld-on plate

Order no
9084 340 390



Vertical adjustment device

Klemmfix

when required, the holding force can be changed by turning the piston rod

Type 72/D
Version acting on pressure

Length	Suitable for	Order no
875 mm		4909 030 000
980 mm	PAL short coupling system	4902 000 830

JOST**Trailer kingpin**

KZ 1012-08

Scope of supply

- 8 fixing screws KZE 1012-03
- 1 Assembly and operating instructions

Order no

3001 101 208

**JOST****Trailer kingpin**

KZ 0912-01

Suitable for KZ 0908

Size 2"

Version single

D-value 108 kN

Order no

3031 912 610

**Accessories**

Version	Order no
Screw for kingpins	3032 912 630
Split washer, C 14,5, galvanised	3032 912 640
Flat collar nut, B 14	3032 912 650

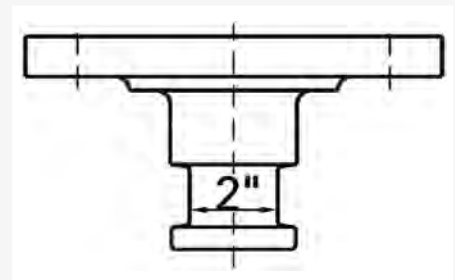
JOST**Trailer kingpin**

Version single
Size 2"
D-value 170 kN

Suitable for KZ 1516
Trailer board thickness 16 mm

Order no

3031 151 610

**Accessories**

Description	Order no
Screw, M20 x 50, Suitable for KZ 1016, KZ 1516	3032 016 650

JOST

Trailer kingpin

Version	single	Suitable for	KZ 1410, KZ
Size	3,5"		1412
D-value	162 kN	Trailer board thickness	12+10 mm

Order no

3031 141 201

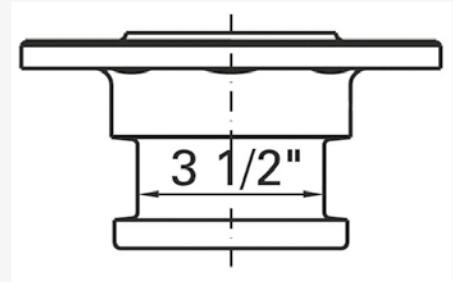
Accessories

Version

Order no

Screw, Suitable for KZ 1008-KZ 1012, KZ 1410, KZ 1412

3032 012 630

**JOST**

Wear limit gauge

Suitable for 2 inch semi-trailer coupling

Order no

3031 102 700

**JOST**

Anti-theft protection for 2" trailer kingpins

Suitable for Semi-trailers
Type DS 2000

Order no

3031 200 000

You will find us
online here:





WABCO



Anti-theft protection for 2" trailer kingpins

is put over the kingpin and locked, solid steel housing powder coated with signal colour, integral, certificated ABLOY® lock cylinder, ANTI-drill drilling out protection, keyed alike and master-key possible

Outer Ø 215 x 110 mm
Inner Ø 75 mm
Thickness 5 mm

Scope of supply

key card and 3 ABLOY® PROTEC keys

Order no

9080 010 067

SAFO



Anti-theft protection for 2" king pin

Full coverage of the king pin screws, no attack surfaces for forced break open, solid and impact-resistant spheroidal graphite cast iron housing, simple and quick assembly: plug on and lock.

Version Standard complete
Overall height 92 mm

Scope of supply

incl. 2 keys



Order no

3112 025 101

Comparative no

SAF 662 102 031

Anti-theft protection for drawbar eye

Discus lock with hardened bolt and 2 security keys

Material Stainless steel

Application range

Trailer with 40 mm DIN towing eye



Order no

9081 710 650

EWOS

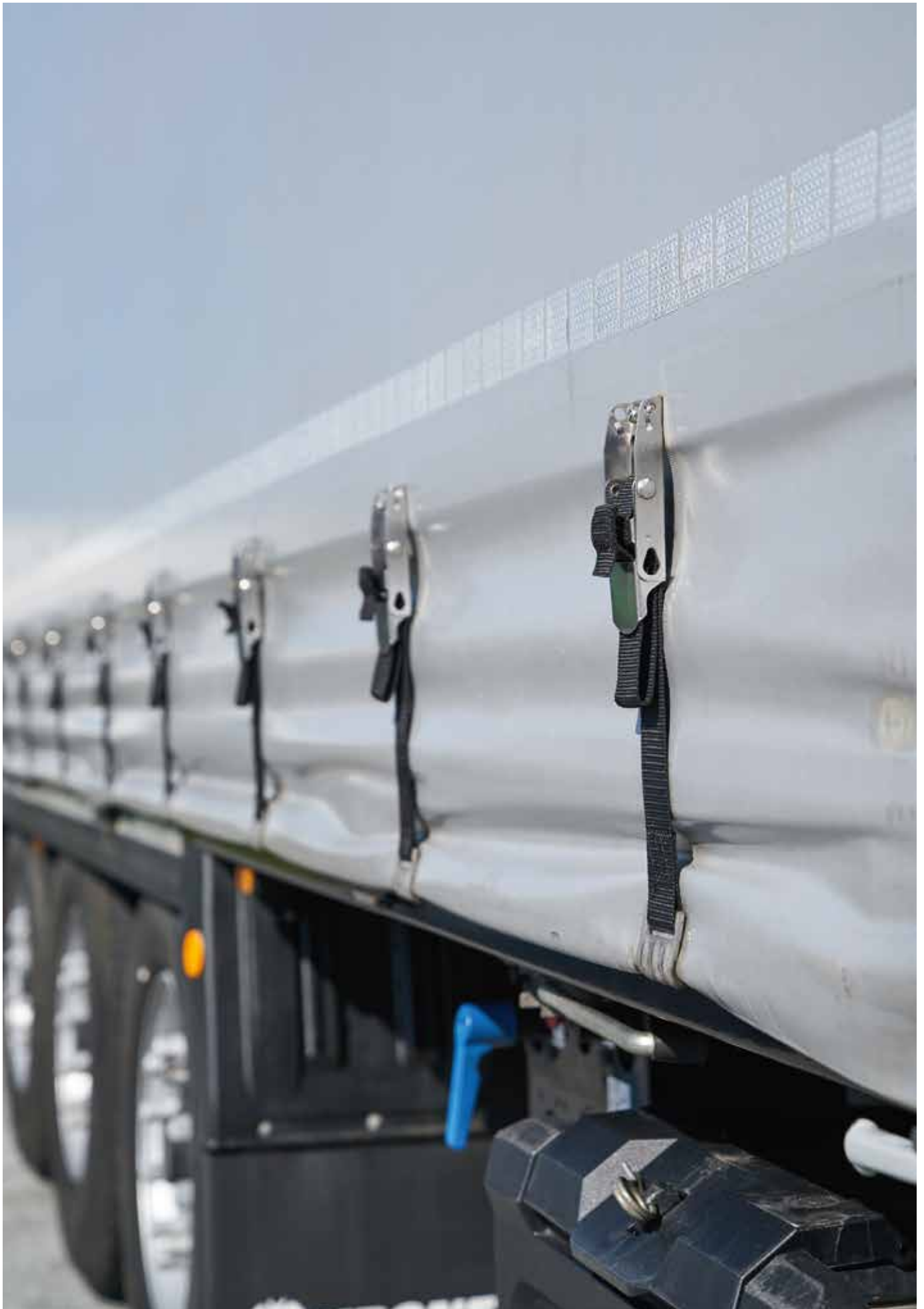
- Complete overview of the entire EUROPART range with over 400,000 article references.
- mobile EWOS version can be accessed anywhere, using its own camera as a barcode scanner
- Provision of a wide range of interfaces to ERP and DMS systems
- Storage and saving of fleet data and watch lists guarantee quick coverage of recurring parts requirements



**EWOS
3.0**

Click here to go
directly to EWOS:





Body parts

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Round eyelet

DIN 7332

Material steel
Surface galvanised

Height	Inner Ø	Order no
7,8 mm	12 mm	9630 001 155
8,4 mm	14 mm	9630 001 290
8,8 mm	16 mm	9630 011 601
9,4 mm	20 mm	9630 001 300
11,3 mm	25 mm	9639 000 001
13 mm	40 mm	9630 000 210
13,1 mm	36 mm	9630 000 620

Accessories

Description	Order no
Washer, Height 1,5 mm, Inner Ø 40 mm, Outer Ø 65 mm	9630 000 460



Round eyelet

DIN 7332

Height 13 mm
Inner Ø 40 mm
Material brass

Order no
9630 000 625

Accessories

Description	Order no
Washer, Height 1,5 mm, Inner Ø 40 mm, Outer Ø 65 mm	9630 000 460

6

**FRANZ
MIEDERHOFF**



Oval eyelet

Length 42 mm
Width 22 mm
Height 13 mm

Material steel
Surface galvanised

Order no
9630 000 220

Accessories

Description	Order no
Washer, 42 x 22 x 1,5 mm	9630 000 650



Oval eyelet

Length 22,5 mm
Width 13,5 mm
Height 9 mm
Material brass
Surface nickel-plated

Order no
9081 022 215



Oval eyelet

Length 17 mm
Width 11 mm
Height 8 mm
Material brass

Order no
9630 000 630



Slot loop

Version narrow
Length 38 mm
Width 8 mm
Height 10,3 mm
Form rectangular
Surface galvanised

Order no
9630 001 295



Hoop cramp

for round eye 36/40 mm and oval eye 42 x 22 mm

Overall length	71 mm	Distance betw. holes	51 mm
Width	20 mm	Surface	galvanised
Interior width	21 mm		

Interior height	Order no
21 mm	9630 000 655
25 mm	9630 000 660
30 mm	9081 314 460
38 mm	9630 000 320



Hoop cramp

for round eyelet 36/40 mm and oval eyelet 42 x 22 mm

Version	with square plate	Interior height	30 mm
Overall length	40 mm	Distance betw. holes	26 mm
Width	40 mm	Surface	galvanised
Interior width	20 mm		

Order no
9630 000 340



Hoop cramp

for round eye 36/40 mm and oval eye 42 x 22 mm

Version	foldable	Interior width	20 mm
Overall length	72 mm	Distance betw. holes	51 mm
Width	22 mm	Surface	galvanised

complies with customs regulations

Interior height	Order no
25 mm	9630 000 685
37 mm	9630 000 010
45 mm	9630 000 020



Hoop cramp

for round eye 36/40 mm and oval eye 42 x 22 mm

Version	foldable, with welded-on counterplate	Width	21 mm
		Interior width	20 mm
Overall length	45 mm	Distance betw. holes	28 mm
		Surface	galvanised

complies with customs regulations

Interior height	Order no
25 mm	9081 315 030
45 mm	9630 000 440



Hoop cramp

for round eye 36/40 mm and oval eye 42 x 22 mm

Version	foldable	Interior height	37 mm
Overall length	45 mm	Distance betw. holes	28 mm
Width	20 mm	Surface	galvanised
Interior width	20 mm		

does not comply with customs regulations

Order no
9081 313 780



Hoop cramp

for round eye 40 mm and oval eye 42 x 22 mm

Overall length	76 mm	Interior height	30 mm
Width	25 mm	Distance betw. holes	55 mm
Interior width	28 mm	Surface	galvanised

Order no
9630 001 156

**EURO
PART****Belt cramp**

for slotted eye 38 x 8 mm and 40 mm

Width	15 mm
Interior width	26 mm
Distance betw. holes	51 mm
Surface	galvanised

Height	Order no
16 mm	9630 000 040
20 mm	9630 000 061
25 mm	9630 000 050

**EURO
PART****Screw closure**

for oval eye 42 x 22 mm

Version	with Nirosta spring
Length	66 mm
Width	15 mm
Height	17 mm
Distance betw. holes	51 mm
Surface	galvanised

Order no
9630 000 080

6

**EURO
PART****Screw closure**

for oval eye 42 x 22 mm

Version	foldable, with Nirosta spring
Length	66 mm
Width	15 mm
Height	21 mm
Distance betw. holes	51 mm
Surface	galvanised

Order no
9630 000 081

**Screw closure**

for oval eye 42 x 22 mm

Length	70 mm
Width	34 mm
Height	13 mm
Distance betw. holes	53 mm
Colour	grey
Material	polyamide

Order no
9630 000 705

**Screw closure**

for oval eye 22.5 x 12,5 mm

Length	41 mm
Width	12,5 mm
Height	11 mm
Distance betw. holes	30,5 mm
Material	brass

Order no
9630 001 220

**Screw closure**

for oval eye 17 x 11 mm

Length	35 mm
Width	13 mm
Height	8 mm
Distance betw. holes	23,5 mm
Material	brass
Surface	nickel-plated

Order no
9630 001 335



Screw closure

for oval eye 17 x 11 mm

Length	35 mm	Distance betw. holes	23,5 mm
Width	13 mm	Material	brass
Height	8 mm		



Order no

9630 000 710

Tarpaulin hook

Version	reinforced, with rounded-off edges	Width	20 mm
Length	66 mm	Distance betw. holes	20 mm
		Material	plastic

Application range
for skid fastener



Colour	grey	Order no	9630 000 250
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Colour	white	Order no	9630 001 190
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Accessories

Description	Rivet base, white, 36 x 16 x 12 mm, Distance betw. holes 20 mm
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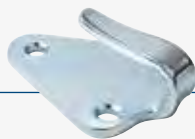


Order no

9630 000 755

Tarpaulin hook

Version	punched	Width	39 mm
Length	50 mm	Surface	galvanised



Order no

9630 000 730

Tarpaulin hook

Length	39 mm	Distance betw. holes	34 mm
Width	47 mm	Surface	galvanised



Order no

9639 000 011

Bracing hook

Length	65 mm
Width	20,5 mm
Distance betw. holes	45 mm
Surface	galvanised



Order no

9634 114 501

Ring hook

Length	50 mm
Width	45 mm
∅	18 mm
Surface	hot-galvanised



Order no

9630 000 310

Flat hook

Distance betw. holes 20 mm

Length	Width	Thickness	Surface	Order no
55 mm	13 mm	3 mm	galvanised	9634 032 001
68 mm	15 mm	2,5 mm	galvanised	9630 000 420
68 mm	15 mm	2,5 mm	hot-galvanised	9630 000 725





Hollow rivet

Version Calott
Material steel
Surface galvanised

The material to be riveted should be 3-5 mm thinner than the length of the hollow rivet.

Length	Outer Ø	Order no
10 mm	10 mm	9630 000 790
12 mm	13 mm	9630 000 795



Hollow rivet

Length 14 mm
Outer Ø 13 mm
Material steel
Surface galvanised

The material to be riveted should be 3-5 mm thinner than the length of the hollow rivet.

Version	Order no
Calott	9630 000 800
double Calott	9632 021 850

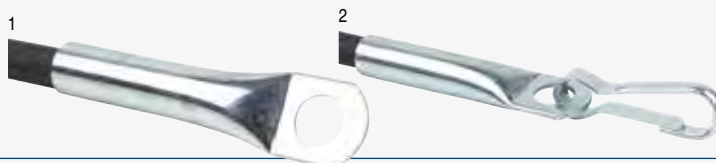
Tarpaulin rope

Material Nylon
Ø 8 mm
Length 100 m



This figure corresponds to 9630 001 200

Colour	Version	Order no
transparent	With inlay	9630 005 100
silver	w/o inlay	9630 001 200
blue	w/o inlay	9630 100 851



Rope end lock

Surface galvanised

Version	Length	Ø	Fig.	Order no
without simplex hook	57 mm	6 mm	1	9630 001 045
without simplex hook	70 mm	8 mm	1	9630 000 845
without simplex hook	70 mm	10 mm	1	9630 001 310
with simplex hook	90 mm	6 mm	2	9630 000 855
with simplex hook	120 mm	8 mm	2	9630 000 130
with simplex hook	120 mm	10 mm	2	9630 000 860



Simplex hook

Length 55 mm
Ø 10 mm
Standard DIN 5287
Surface galvanised

Order no
9630 000 735



S-hook

Surface galvanised

Length	Ø	Thickness	Order no
30 mm	9 mm	3 mm	9630 462 300
40 mm	11 mm	3,8 mm	9630 000 330
45 mm	15 mm	4,2 mm	9630 000 470
60 mm	18 mm	5,7 mm	9630 000 480



Customs rope

Version with end stops
 Ø 6 mm

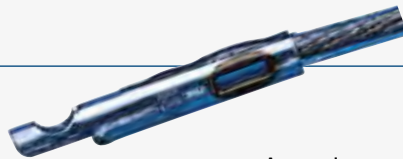
(Illustration similar)

Length	Order no	Length	Order no
21 m	9630 001 320	36 m	9630 000 560
22 m	9636 072 200	41 m	8000 000 235
34 m	9630 001 325		



Customs rope with wire insert

Length	Ø	Order no
100 m	8 mm	9630 001 600
250 m	6 mm	9630 001 610



Rope end lock

Surface galvanised

According to customs regulations
 Price unit per 100 pieces

Length	Ø	Order no
58 mm	6 mm	9630 000 865
70 mm	8 mm	9081 314 390

Accessories

Description	Order no
Oval pipe rivet, brass, Ø 6 mm	9630 000 830
Oval pipe rivet, brass, Ø 8 mm	9630 000 835
Pointed rivet, aluminium, Length 15 mm	9081 314 410



Tool set for cable end

Ø	Order no
6 mm	9630 000 102
8 mm	9630 000 100



Customs tape TIR

Length 50 m
 Thickness 3 mm
 Material Plastic translucent
 Customs number III B2-Z 1209 - 4/73

Width	Order no
20 mm	9630 000 171
24 mm	9630 000 170

Expander rope

cadmium-free
 Length 100 m

Colour	Ø	Order no
grey	8 mm	9630 000 015
green	8 mm	9630 000 875
black	8 mm	9631 200 870
white	10 mm	9630 000 360

Accessories

Description	Order no
Twist clamp, galvanised, Ø 8 mm	9630 000 885
Twist clamp, galvanised, Ø 10 mm	9630 000 075





Expander rope

Length 100 m ∅ 6 mm
 Colour black

Order no
 9630 200 670



Tightening strap Expander

both ends made up with spiral hooks

Colour blue ∅ 9 mm

Length	Order no
600 mm	2420 336 073
800 mm	2420 338 073
1000 mm	2420 331 073

Spiral hook for stretch cord

Version plastic coated
 Colour black



Length	Hoop width	∅	Order no
74 mm	13 mm	8 mm	9630 000 750
75 mm	16 mm	10 mm	9630 551 000

Spring hook for stretch cord

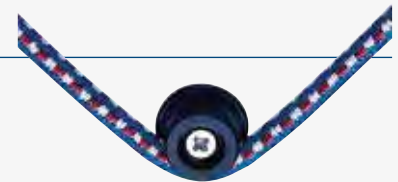
Length 72 mm Colour green/black
 Hoop width 12 mm Material plastic
 ∅ 8 mm



Order no
 9630 000 091

Round button

∅ 26 mm
 Material plastic



Application range
 for stretch cord 6 and 8 mm

Order no
 9630 001 113

Rubber slings

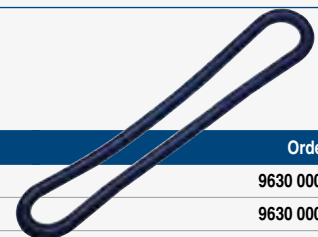
Length 280 mm
 Width 40 mm
 ∅ 8 mm
 Colour black
 Material rubber



Order no
 9630 000 500

Clamping ring

∅ 8 mm
 Material rubber



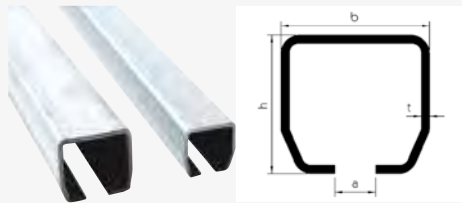
Length	Order no
200 mm	9630 000 380
250 mm	9630 000 390
400 mm	9630 000 350

Buckle belt with welded roller buckle

Width 20 mm Colour beige
 Distance betw. holes 20 mm Material plastic

Length	Order no	Length	Order no
250 mm	9630 000 890	500 mm	9630 000 895
350 mm	9630 000 181	600 mm	9630 000 182





Runner

Profile	45	t	1,4 mm
Length	6000 mm	Load capacity	45 kg
a	8 mm	Colour	silver
b	25 mm	Surface	Sendzimir galvanised
h	24 mm		

Application range
for side curtain

Order no
9630 001 280



Runner

Profile	300	h	35 mm
Length	6000 mm	t	2,75 mm
a	11 mm	Load capacity	100 kg
b	40 mm	Surface	galvanised

Application range
for side curtain

Order no
9081 215 930

Roller for side tarpaulin

Suitable for	Profil 300
Version	very strong
Length	116 mm
Width	26 mm
Roll Ø	28 mm
Surface	galvanised



Order no
9631 103 001

Curtain roller

Length 72 mm



Suitable for	Width	Roll Ø	Order no
Profil 45	19 mm	20 mm	9630 001 255
Profil 100	21 mm	22 mm	9630 001 260

Curtain roller

Version with ball bearing



Order no
9637 848 100

Curtain roller

Version with bar and steel ball bearing
Width 30 mm
Roll Ø 38 mm

Application range
for standard profile Schmitz/TSE



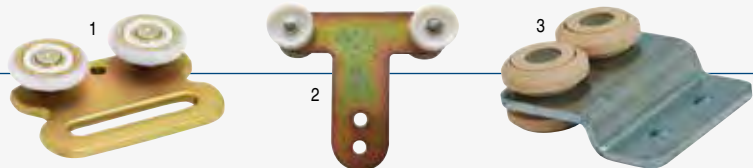
Order no
9637 841 000

Roller for side tarpaulin

Order no	Comparative no
1300 635 316	Kögel 6353160

Double roller

Roll Ø 31 mm



Suitable for	Version	Fig.	Order no
Edscha, Versus, Autocar	one-sided, with ball bearing	1	9637 843 070
Schmitz/TSE stanchions	Galvanised carriage with plain bearing	2	9630 784 110
Standard profile Schmitz/TSE	Offset, with ball bearing	3	9637 841 400

Direct spread

Type	2000	Width	60 mm
Version	with screw adjustment	Height	20 mm
Length	160 mm	Distance betw. holes	28 mm

Order no

9631 004 820



6



Over dead centre tensioner

This figure corresponds to 9634 981 510

Version	Order no
with 650 mm black PP strap and 2-ribbed zinc-nickel flat hook	9636 982 020
with 650 mm black PP strap and 3-ribbed stainless steel flat hooks, height 25 mm	9634 981 510
With black PP strap 650 mm and stainless steel wire hooks	9630 134 820



Over dead centre tensioner

Version with 650 mm black PES strap and 3-ribbed stainless steel flat hooks
 Material Nirosta

new installation height 20 mm incl. strap compliant with EU standard 1230/2012

Order no

9630 499 151



Over dead centre tensioner

Version with grey PES strap 650 mm and 2 ribbed zinc-nickel flat hooks
 Length 155 mm
 Width 58 mm
 Height 22 mm
 Material Nirosta

Order no

9636 982 120



Tipper safety clamp

With brake

Version Straight, with black PES strip 650 mm and 3 beads stainless steel flat hooks

New installation height 20 mm incl. strap compliant with EU standard 1230/2012 DEKRA certified for load-securing tarpaulins

Order no

9632 051 120



Tipper safety clamp

Version with grey PES strap 650 mm and 2 ribbed zinc-nickel flat hooks
 Length 138 mm
 Width 58 mm
 Height 22 mm
 Material Nirosta

Order no

9630 205 212



Pull safety tensioner

with brake

Version with 650 mm black PP strap and 3-ribbed stainless steel flat hooks
 Material Nirosta

DEKRA certified for load-securing tarpaulins

Order no
9630 103 268



Tipper safety clamp

Without strap/hook

Version Without strap/hook
 Material Nirosta

Order no
9632 050 000



Spare belt

This figure corresponds to 9631 102 020

Version	Length	Material	Order no
with stainless steel flat hooks	700 mm	polypropylene (PP)	9631 102 000
with stainless steel flat hooks	850 mm	polyester (PES)	9603 123 480
with flat hooks, galvanised	850 mm	polyester (PES)	3137 248 543
With zinc-nickel flat hooks	650 mm	Polypropylene (PP)	9631 102 020



Spare belt

with wire hook

Surface galvanised

Length	Order no
650 mm	9631 100 000
850 mm	9631 204 800



Spare belt

Version with zinc-nickel flat hook
 Length 650 mm

Order no	Comparative no
9630 110 212	Schmitz Cargobull 1013440



Strap

Length 100 m
 Dimensions 44 x 2.3 mm
 Material Polyester

Order no
9631 101 120



Counterplate

Length 45 mm
 Width 20 mm
 Thickness 1,5 mm
 Distance betw. holes 28 mm
 Material Nirosta

Order no
9630 252 820



Counterplate

Length	45 mm
Width	20 mm
Thickness	2 mm
Distance betw. holes	28 mm
Thread	M6 x 14
Material	Nirosta

Application range
for truck side plate system

Scope of supply
with 2 bolts and 2 nuts

Installation location	Order no
front right, rear left	9840 905 493
front left, rear right	9840 905 593



This figure corresponds to 9840 905 493

Tarpaulin clamp ratchet

Version	with slotted adapter
Length	160 mm
Width	40 mm
Height	70 mm

Installation location	Order no
front right, rear left	9840 905 493
front left, rear right	9840 905 593



This figure corresponds to 9089 051 110

Tarpaulin clamp ratchet

Tender

Version	with slotted adapter	Width	37 mm
Installation location	rear	Height	50 mm
Length	133 mm	Surface	galvanised

Installation side	Order no
left	9089 051 110
right	9089 051 120



This figure corresponds to 9089 051 010

Tarpaulin clamp ratchet

Tender

Version	with square adapter	Width	36 mm
Installation location	rear	Height	50 mm
Length	133 mm	Surface	galvanised

Installation side	Order no
left	9089 051 010
right	9089 051 020



This figure corresponds to 3002 414 555

Tarpaulin clamp ratchet

Version	with 12 x 12 mm square adapter	Height	81 mm
Overall length	290 mm	Material	steel
Width	35 mm	Surface	galvanised, dacrometised

Installation side	Order no
left	3002 414 555
right	3002 414 556



This figure corresponds to 4245 815 100

Tarpaulin clamp ratchet

Installation location	rear	Height	66 mm
Length	280 mm	Material	steel
Width	40 mm	Surface	coated

Installation side	Order no	Comparative no
left	4245 815 100	Krone 505815100
right	4245 815 101	Krone 505815101



This figure corresponds to 7771 034 432

Tarpaulin clamp ratchet

Installation location front

Installation side	Order no	Comparative no
left	7771 034 432	Schmitz 1034432
right	7771 034 433	Schmitz 1034433



This figure corresponds to 8000 816 570

Tarpaulin clamp ratchet

Installation side	Order no	Comparative no
Left	8000 816 570	Krone 505816570
Right	8000 581 657	Krone 505816571



Clamping gear

Version with square adapter 12 x 12 mm
 Width 30 mm
 Height 30 mm
 Depth 63 mm
 Square 10 mm
 Surface galvanised

Order no
9089 000 050



Clamping gear for hand crank

Type 40
 Version with slotted entry
 Installation side left/right
 Width 38 mm
 Height 38 mm
 Depth 73 mm
 Square 14 mm



Order no
7809 900 006



Hand crank for tightening gear unit

Square 14 mm
 Surface galvanised

Order no
9840 909 693



Hand crank for clamping gear

Installation side left/right
 Square 10/14 mm
 Surface galvanised

Order no
9080 000 521

Clamping gear with crank

Version with square adapter
 Installation location rear

Installation side	Order no	Comparative no
left	7774 200 930	Schmitz 420093
right	7774 200 920	Schmitz 420092



This figure corresponds to 7774 200 930

Round profile

for side stretch-tarpaulin systems

∅ 27 mm
Material Aluminium

Application range
for tent piping 13 mm

Length	Order no
2700 mm	9080 900 304
3000 mm	9080 900 303
3300 mm	9630 123 330

Accessories

Description	Order no
Adapter, Suitable for ∅ 27 mm, stainless steel	9080 900 312
Adapter, with inner square 12 x 12 mm, ∅ 27 mm, bottom, stainless steel	9080 900 322



This figure corresponds to 9080 900 312

Adapter

For aluminium round profile

Version with inner square 12 x 12 mm
Installation location bottom
Length 60 mm
∅ 27 mm
Material stainless steel



Order no

9080 025 355

Adapter

for aluminium clamping tube

Version stainless steel, with slot
Installation location downstairs
∅ 27 mm
Material Steel



Order no

9080 025 373

Round profile

for side tensioning tarpaulin systems

Length 3300 mm
∅ 34 mm
Material aluminium

Application range
for 13 mm tent welt

Order no

9630 000 141



Adapter

For aluminium round profile

Suitable for 34 mm profile
Installation location Top



Order no

9630 000 140

Adapter

For aluminium round profile

Version with inner square 12 x 12 mm
Installation location bottom
Length 55 mm
∅ 34 mm
Material brass



Order no

9633 104 341

Adapter

For aluminium round profile

Type R34
Version with slot V2A
Installation location bottom
∅ 34 mm
Material stainless steel

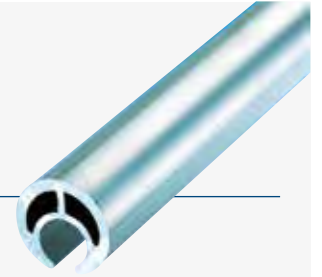


Order no

9080 999 210

Round profile

Length 3115 mm
∅ 25 mm



Order no

7777 108 140

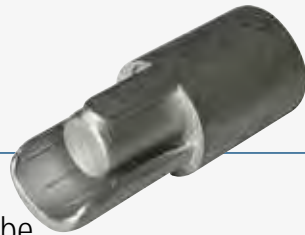
Comparative no

Schmitz 710814

Adapter

for tarpaulin draw-in tube

∅ 25 mm



Order no

7776 453 400

Comparative no

Schmitz 1074432

Adapter

TIR fuse

Suitable for Tarpaulin clamping tube-∅ 27 mm,
for square 12 mm, Inox
Material Steel



Installation side

left

right

Order no

9080 253 580

9080 253 590

Adapter

TIR fuse

Suitable for Tarpaulin clamping tube-∅ 27 mm, Inox
Material Steel

Application range
Slit approach



Installation side

left

right

Order no

9080 253 600

9080 253 610

Hook profile

Type BE
Width 20 mm
Height 70 mm
Material aluminium



Length

3000 mm

3300 mm

Order no

9631 033 030

9630 033 330



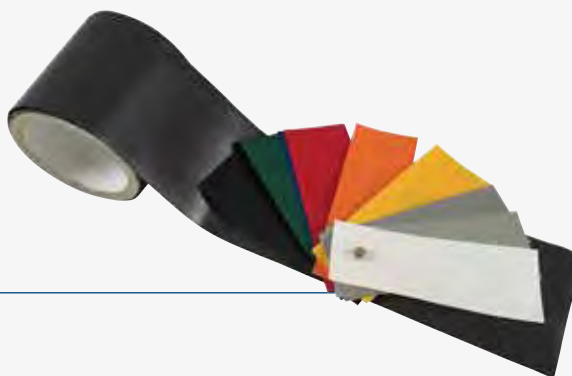
Tarpaulin tape

highly tear-resistant PVC tape, coated with a very special adhesive for permanent use

Version waterproof and water-repellent
Length 5 m
Width 50 mm
Material PVC fabric, approx. 600 g/m²

Colour code	Colour	Order no
RAL 1021	yellow	9082 550 142
RAL 3002	red	9082 550 143
RAL 5010	blue	9082 550 138

Colour code	Colour	Order no
RAL 7038	light grey	9082 550 141
RAL 9006	silver	9082 550 146
RAL 9010	white	9082 550 139



Tarpaulin patches

Version self-adhesive
Length x width 1000 x 400 mm

Colour	Colour code	Order no
black	RAL 9005	9080 829 410
white	RAL 9010	9080 829 480
silver	RAL 9006	9080 829 430
light grey	RAL 7038	9080 829 440
yellow	RAL 1021	9080 829 460

Colour	Colour code	Order no
orange	RAL 2011	9080 829 420
red	RAL 3002	9080 829 450
green	RAL 6026	9080 829 470
blue	RAL 5010	9080 829 490

6



Hand welder

Voltage 230 V
Power 1600 W

Scope of supply
without nozzle

Order no

9630 130 000

Wide slot nozzle

for hand welder

Length	Order no
20 mm	9630 001 149
40 mm	9630 001 150



Pressure roller

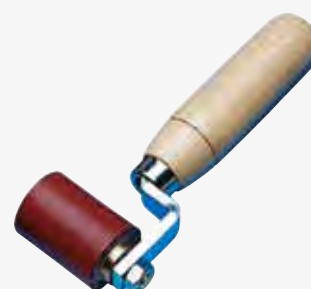
with wooden grip

Version with ball bearing, single-arm
Width 40 mm

Application range
for processing tarpaulins

Order no

9630 001 140



Plug-in board

Material aluminium
 Length 8000 mm
 Width 25 mm
 Overall height 100 mm

sold by the meter

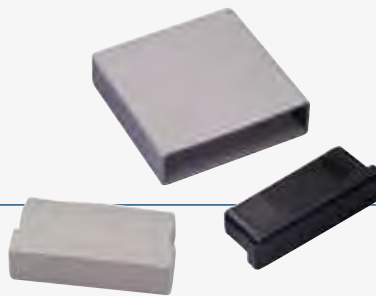


Order no

9086 210 450

End plug

for aluminium drop-in slat profile



Version	Width	Height	Material	Order no
to put in	25 mm	100 mm	PUR	9081 315 360
to put on	28 mm	104 mm	plastic	9081 313 830

Plug-in board

Version Edges rounded
 Height 111 mm
 Thickness 25,5 mm

Length	Order no
3185 mm	9085 113 185
3900 mm	9199 970 005
4200 mm	9199 970 096



Plug-in board

Version planed edge
 Material wood

Length	Height	Thickness	Order no
3300 mm	95 mm	24 mm	9084 953 300
3600 mm	111 mm	25,5 mm	9081 113 600

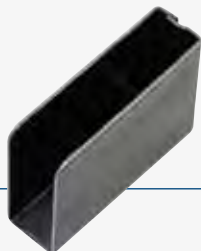


Slip-in bag

for slat board

Version closed, with hole pattern, 3 holes, overlapping at the bottom
 Length 80 mm
 Height 110 mm
 Thickness 2,5 mm
 Surface untreated

Width	Order no
26 mm	9081 312 280
28 mm	9081 312 260

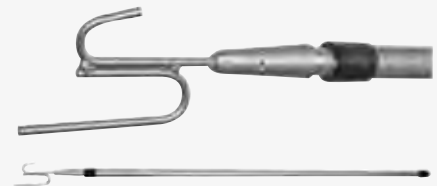


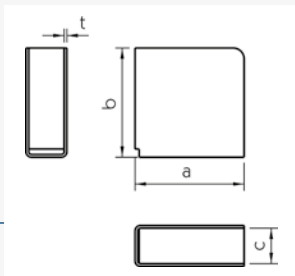
Pull rod

Version adjustable (1,45-2,25 m)

Application range
 for fitting and removal of push-in slats

Order no
9080 251 180





Slip-in bag for slat board

Version single, rear closed
Surface untreated

a	b	c	t	Order no
50 mm	110 mm	25 mm	2,5 mm	9081 312 310
50 mm	110 mm	28 mm	2,5 mm	9081 312 300
100 mm	100 mm	30 mm	2,5 mm	9081 313 370



Slip-in bag for Curtainsider middle stanchion Variomaster 901, Code XL

Height 120 mm
Depth 60 mm
Surface EPD coated

Order no
9089 012 000



Lath store for Curtainsider middle stanchion Variomaster 901, Code XL

Height 463 mm
Depth 60 mm
Surface EPD coated

Order no
9089 011 000



Lath store

Type 910.5
Length 600 mm
Depth 60 mm
Surface coated

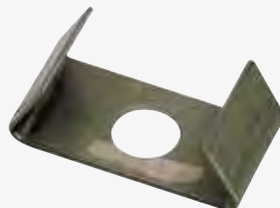
Order no
9080 910 500

Tarpaulin tube

Surface galvanised

Rod length	∅	Order no
6300 mm	50 x 1,5 mm	9085 610 010
7300 mm	50 x 1,5 mm	9085 610 011
6300 mm	60 x 1,2 mm	9085 610 020
7300 mm	60 x 1,2 mm	9085 610 021



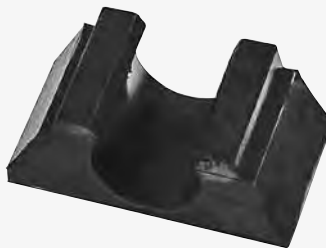
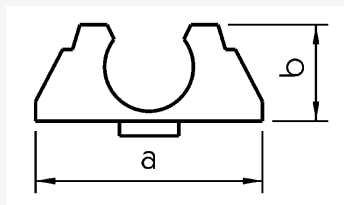


Tarpauling tube bracket

a 100 mm
b 35 mm

Application range
To accommodate the rubber holder

Order no
9081 315 210



Rubber support

Width 48 mm

Suitable for	a	b	Order no
tarpaulin tube with rubber bracket, outside diameter 35 mm	95 mm	40 mm	9081 315 200
tarpaulin tube with rubber bracket, outside diameter 50 mm	117 mm	50 mm	9081 315 220



End plug

Version with slot 15 x 23 mm
Length 116 mm
Material plastic

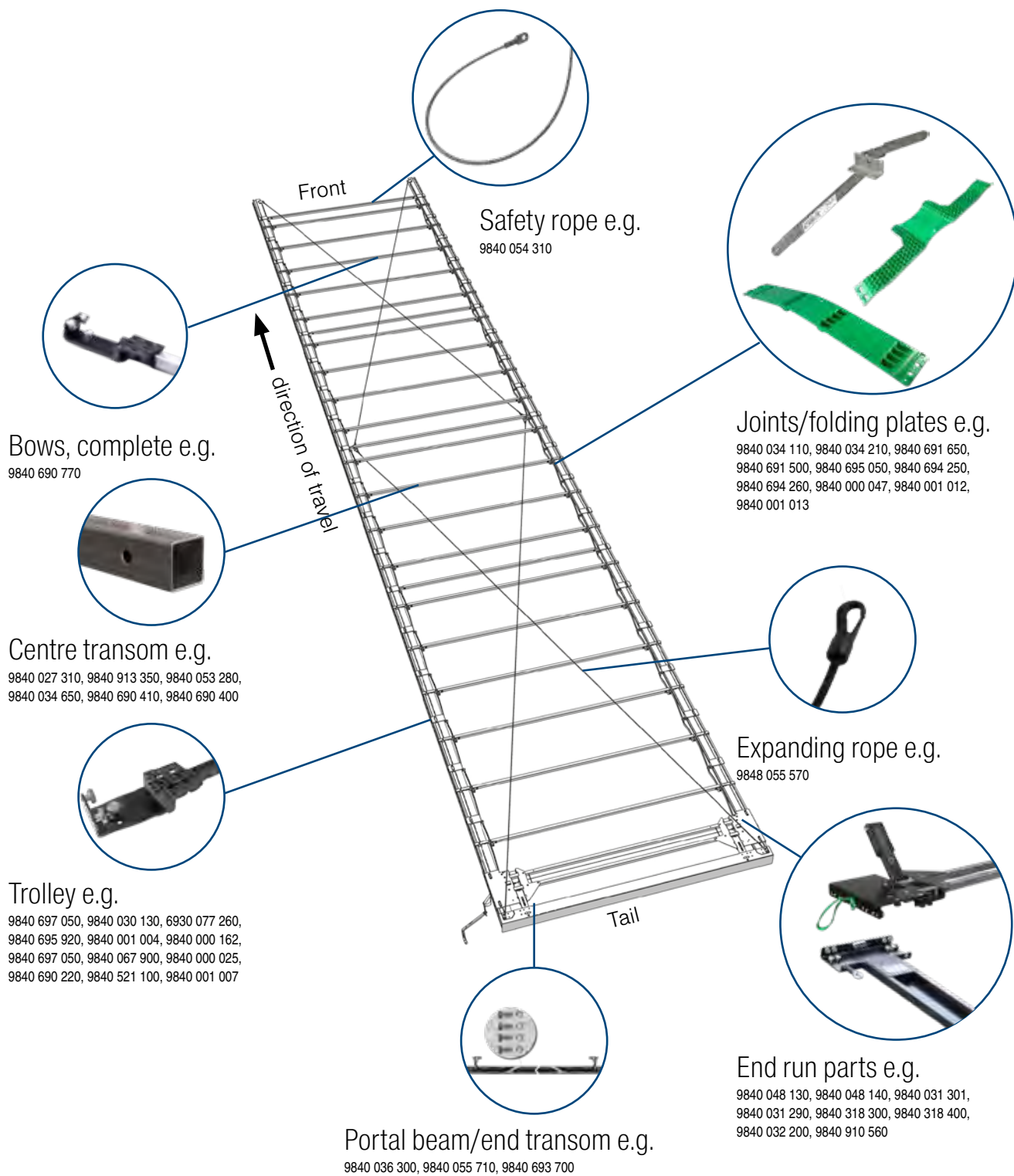
Suitable for	Order no
tarpaulin tube 50 x 1,5 mm	9081 312 740
tarpaulin tube 60 x 1,2 mm	9081 312 750



End plug

Version with 16 x 24 mm slot
Length 69 mm
Material plastic

Suitable for	Order no
tarpaulin tube 50 x 1,5 mm	9081 313 520
tarpaulin tube 60 x 1,2 mm	9081 313 530





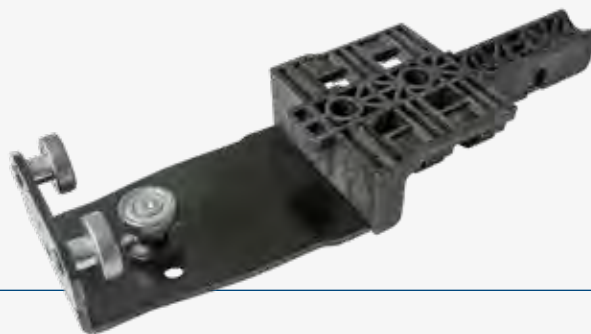
Joists/Folding plates

Description	Suitable for	Order no
Compensation joint, Edscha	New generation for CS Hybrid	9840 695 050
Compensation joint, Edscha, Length 570 mm	CS Lite (until 2006), CS Lite Plus (from 2006), CS Lite Volume (until 2006), CS Small, VP Lite	9840 034 210
Plastic joint, Edscha, Length 650 mm	CS Lite (until 2006), CS Lite Plus (from 2006), CS Lite Volume (until 2006), CS Small, VP Lite	9840 034 110
Plastic joint, Edscha, Length 620 mm	CS Ultraline HD, CS Ultraline I, CS Ultraline II	9840 074 610
Joint, Edscha, Length 650 mm	New generation for CS Hybrid	9840 691 650
Joint, Edscha, Length 500 mm	VP Classic, new generation for CS Hybrid	9840 691 500
Joint, Edscha, Length 650 mm, BG, left	new generation for CS Profi, new generation for VP Profi	9840 694 250
Joint, Edscha, Length 650 mm, BG, right	new generation for CS Profi, new generation for VP Profi	9840 694 260
Joint, Edscha, left, Length 570 mm	VP Classic	9840 000 047
Joint, Edscha, right, Length 570 mm	VP Classic	9840 000 046
Joint, Edscha, left, Length 568 mm	CS Professional, VP Professional	9840 001 012
Joint, Edscha, right, Length 568 mm	CS Professional, VP Professional	9840 001 013



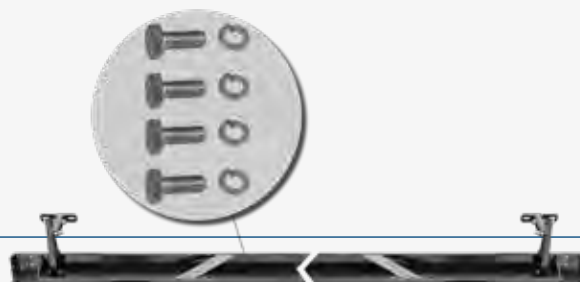
Central roof-stick brace

Description	Suitable for	Order no
Central roof-stick brace, Edscha, 30 x 30 x 1,5 mm, Length 2310 mm, Roof pitch 0 mm	CS Eco, CS Lite (until 2006), CS Profi	9840 027 310
Central roof-stick brace, Edscha, 30 x 30 x 1,5 mm, Length 2153 mm, Roof pitch 0 mm, perforated	CS Ultraline HD, CS Ultraline I, CS Ultraline II	9840 053 280
Central roof-stick brace, Edscha, 30 x 30 x 1,5, Length 2330 mm, perforated	CS Eco, CS Lite (until 2006), CS Profi	9840 034 650
Central roof-stick brace, Edscha, BG, Length 2550 mm	New generation for CS Profi	9840 690 410
Central roof-stick brace, Edscha, VG, Length 2550 mm	New generation for CS Profi	9840 690 400
Cross member, Edscha, Length 2550 mm	New generation for CS Profi	9840 913 350



Roller trolley

Description	Suitable for	Order no
Roller cart, Edscha	CS Ultraline HD, CS Ultraline I, CS Ultraline II	8006 677 260
Roller cart, Edscha, BG CS-H	New generation for CS Hybrid	9840 697 050
Roller cart, Edscha, Steel, galvanised	VP Professional	9840 001 004
Roller cart, Edscha, Steel, galvanised, with ball bearings	VP Classic	9840 000 025
Roller cart, Edscha, Steel, galvanised, with ball bearings, standard	CS Professional	9840 000 162
Roller cart, Edscha, VG	New generation for VP Profi	9840 695 920
Roller cart, Edscha, VG	New generation for CS Profi	9840 690 220
Roller cart, Edscha, VG VP-UL	VP Ultraline, new generation for Compact, new generation for VP Standard	9840 067 900
Roller cart, Edscha, with ball bearings, 3 castors	CS Lite Volume (until 2006)	9840 521 100
Roller cart, Edscha, with ball bearings, KTL-coated	CS Small, VP Lite	9840 030 130
Roller cart, Steel, galvanised, with ball bearings	CS Lite (until 2006)	9840 001 007



Portal bar

Description	Suitable for	Order no
Portal girder, Edscha, with automatic set-up, 2550 mm x 113 mm	CS Lite (until 2006), CS Profi	9840 036 300
Portal girder, Edscha, BG, 2550 mm x 113 mm, complete	CS Lite Plus (from 2006)	9840 055 710
End hoop, Edscha, BG, Without interlock	new generation for Compact, new generation for CS Hybrid, new generation for CS Profi	9840 693 700

Safety rope

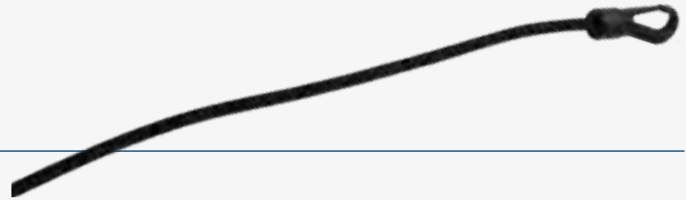
Description	Suitable for	Order no
Safety rope for headboard connection	CS Eco, CS Eco Lite Plus, CS Lite (until 2006), CS Lite Plus (from 2006), CS Lite Volume (until 2006), CS Profi, CS Small, CS Ultraline HD, CS Ultraline I, CS Ultraline II, VP Classic, VP Eco, VP Lite, VP Profi, VP Ultraline	9840 054 310



Bow complete

Description	Suitable for	Order no
Roof bow, Edscha VG 2550 CS Hybrid	New generation for CS Profi	9840 690 770





Expanding rope

Description	Suitable for	Order no
Edscha/Sesam VG, Expander rope, 1300 mm, EN 12642, XL, With hook	CS Slimliner, CS Lite Plus (from 2006), CS Lite Volume (until 2006), CS Ultraline HD, CS Ultraline I, CS Ultraline II	9848 055 570



Final part

Description	Suitable for	Order no
End rail piece, Edscha, left, with ball bearings	CS Lite (until 2006)	9840 318 300
End rail piece, Edscha, right, with ball bearings	CS Lite (until 2006)	9840 318 400
Half of end rail piece, Edscha, left, Steel, KTL-coated	VP Professional	9840 031 290
Half of end rail piece, Edscha, right, Steel, KTL-coated	VP Professional	9840 031 301
Half of end rail piece, Edscha, right, with ball bearings	CS Professional	9840 032 200
Siding rear trolley, BG VP-Standard, Width 2550 mm, Steel arm	new generation for Compact, new generation for VP Standard	9840 910 900
Siding rear trolley, Edscha, BG CS-Eco/Professional, Width 2550 mm, Steel arm	New generation for CS Eco, new generation for CS Profi	9840 910 680
Siding rear trolley, Edscha, CS-Profi 2550 (1 x 700 N per side)	New generation for CS Profi	9840 910 560
Siding rear trolley, Edscha, left, with spring bolt for locking	CS Lite Plus (from 2006), CS Lite Volume (until 2006)	9840 048 130
Siding rear trolley, Edscha, right, with spring bolt for locking	CS Lite Plus (from 2006), CS Lite Volume (until 2006)	9840 048 140
Siding rear trolley, Edscha, Width 2550 mm, with automatic set-up	CS Ultraline HD, CS Ultraline II	9840 061 880



Your number 1
in Europe!

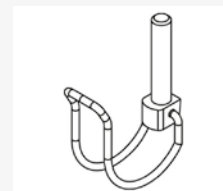
Pull rod

for cover operation

Version extendable
Length 2-4 m

Order no

9840 000 057



ACCESSORIES

Description

Order no

Pipe fold plug, \varnothing 6 x 40 mm, steel, galvanised

9840 830 190

6



Roof support

Suitable for	Version	\varnothing	Width	Colour	Fig.	Order no	Comparative no
Schmitz/TSE sliding roof, Roof bow	with steel ball bearing, plastic coating	26 mm	19 mm	beige	1	9631 057 719	Schmitz 1057719
Schmitz/TSE sliding roof, Roof bow	with steel ball bearing, plastic coating	30 mm	19 mm	white	2	9630 400 015	Schmitz 1026011
Schmitz/TSE sliding roof, End hoop	with steel ball bearing	26 mm	19 mm		3	9631 025 099	Schmitz 1025099
Edscha, Krone sliding roofs	with steel ball bearing and internal shaft	24 mm	21 mm		4	9630 500 600	Krone 505870575

Roof support

Suitable for Centre transom
Version with steel ball bearing, plastic coating
 \varnothing 24 mm
Colour red

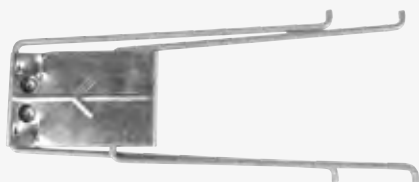
Application range

suitable for Versus, K \ddot{o} gel sliding roofs



Order no

9630 200 300



Folding frame

TSE

Length 582 mm

Order no

7770 105 820

Comparative no

Schmitz 334852



Folding plate

for sliding roof

Length 650 mm

Order no

9630 010 400

Comparative no

Krone 515012811



Platform lorry

Order no

9631 294 061

Comparative no

Schmitz 1294061



Roller cart

Profi 100, for curtain sliders

Version with 5 rollers

Order no

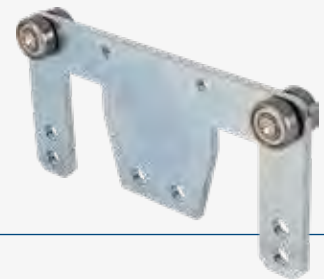
9630 026 900



Roller for trolleys

Order no

9636 600 304



Roller strut

Suitable for Carriage 911.2/911.3

Order no

9637 841 050



Joint

Version push-in
Material plastic

Length

589 mm

689 mm

Order no

9080 235 788

9080 650 210



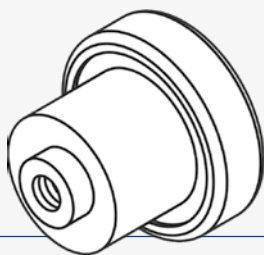
Ball bearing

Thread M8

Scope of supply
with threaded bolt

Order no

9635 005 000



Ball bearing

Cylinder length 12 mm

Order no

9085 000 036



Ball bearing

Length 17 mm

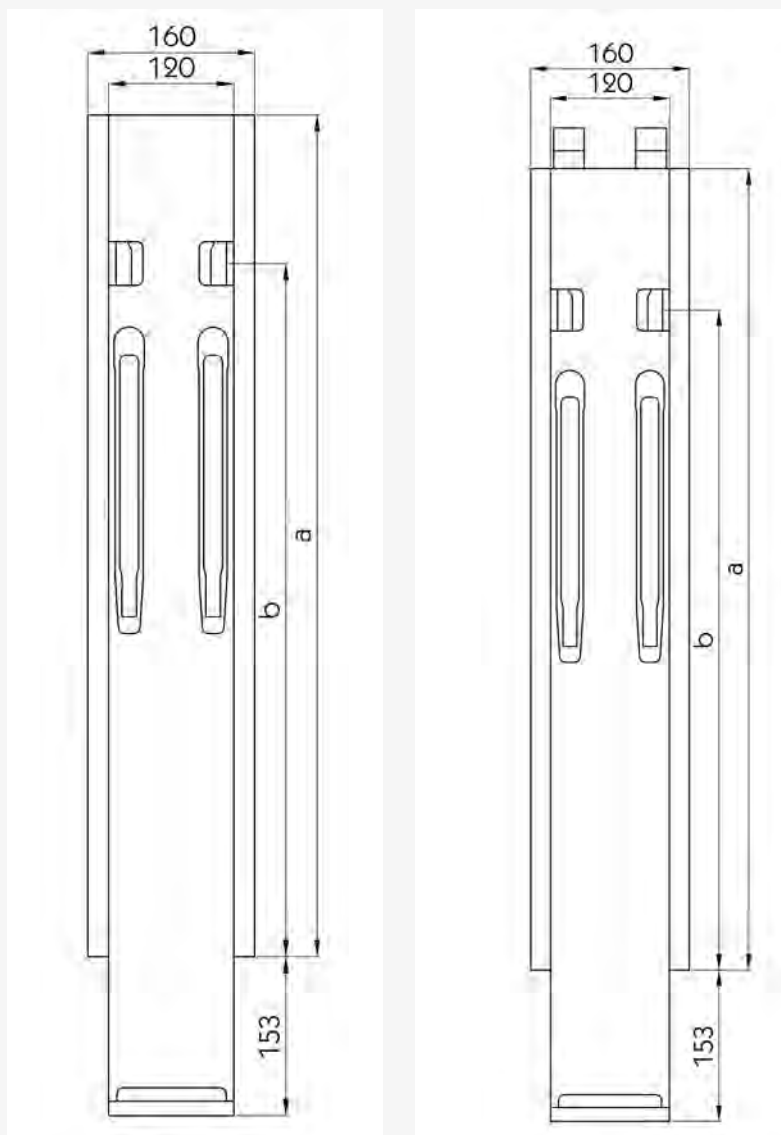
∅ 16 mm

Thread M6

Surface plastic coated

Order no

9080 245 871



Middle stake

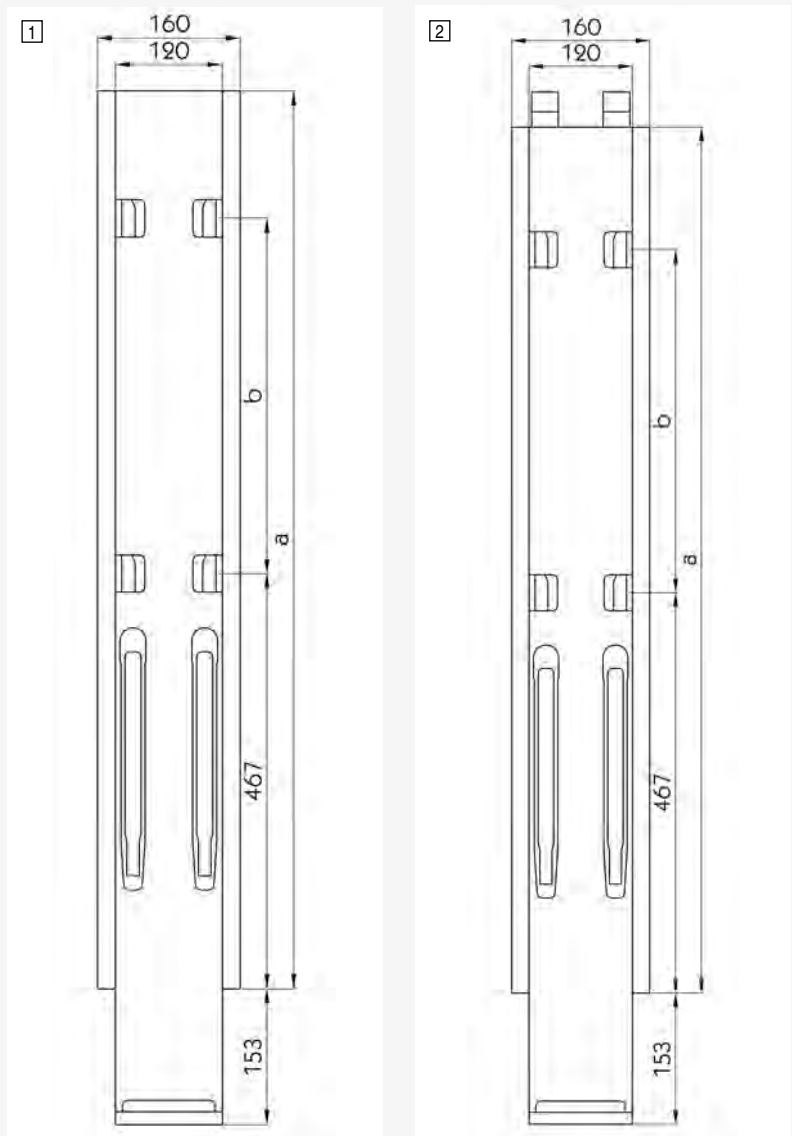
Kinnegrip stanchion K 20

Application range	Version	a	b	Order no
for 500 mm drop side height	without adapter for Kinnetop	510 mm	367 mm	9081 212 620
for 500 mm drop side height	with adapter for Kinnetop	510 mm	367 mm	9081 212 630
for 600 mm drop side height	without adapter for Kinnetop	610 mm	467 mm	9081 212 740
for 600 mm drop side height	with adapter for Kinnetop	610 mm	467 mm	9081 212 750



Accessories

Description	Fig.	Order no
Counterholder, untreated	1	9081 213 470
Stake sleeve, untreated, spacing plate stainless steel, remaining parts galvanised	2	9081 214 070



Middle stake

Kinnegrip stanchion K 20

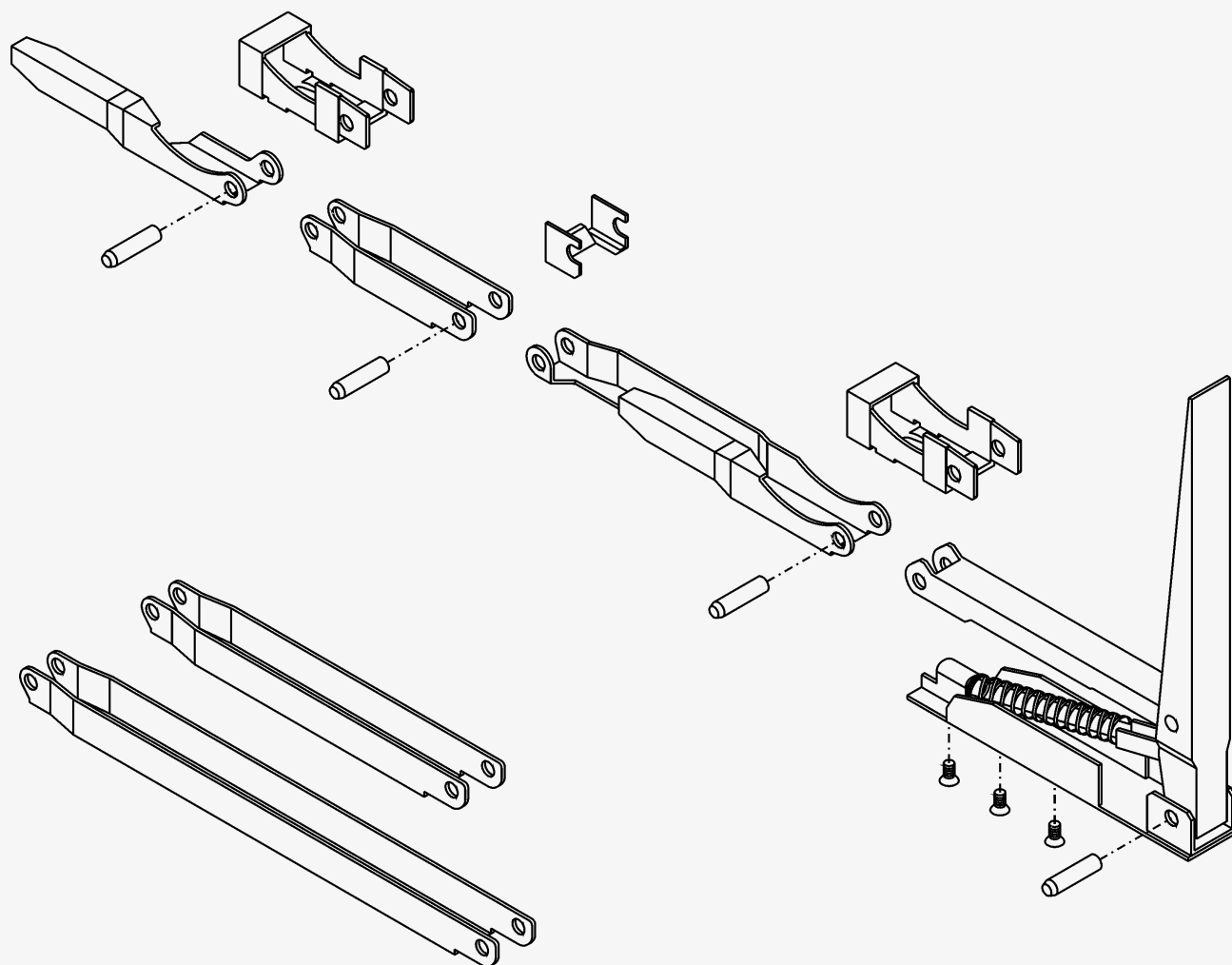
with double lock

Application range	Version	a	b	Fig.	Order no
for 800 mm drop side height	without adapter for Kinnetop	810 mm	200 mm	1	9081 212 980
for 1000 mm drop side height	without adapter for Kinnetop	1010 mm	400 mm	1	9081 213 100
for 800 mm drop side height	with adapter for Kinnetop	810 mm	200 mm	2	9081 212 990



Accessories

Description	Order no
Stake sleeve, untreated, for welding on	9081 213 460



Service parts

to fit K 20 middle stanchions rear and corner stanchions front and rear

Description		Order no
Repair kit hand lever, for front corner stanchions	1	9081 214 190
Repair kit hand lever, for middle rear and corner rear stanchions	1	9081 213 660
Guide, large		9080 042 117
Guide, small		9081 214 320
Bolt, \varnothing 8 x 32 mm		9080 042 139
Drop side bolt, left		9080 421 110
Drop side bolt, right		9080 421 090
Drop side bolt, Suitable for drop side height 1200 mm, left		9081 214 370
Drop side bolt, Suitable for drop side height 1200 mm, right		9081 214 200
Pocket wedge		9081 214 340

¹ with 3 TORX® bolts M5 x 10 (similar to DIN 7991), 2 frame studs diameter 8 x 32 mm



Cover cap

for middle rear and corner rear stanchions

Material plastic

Order no

9081 214 080

Stanchion cotter pin

500-1

Version forged
 Length 320 mm
 Width 87 mm
 Height 25 mm
 Surface untreated



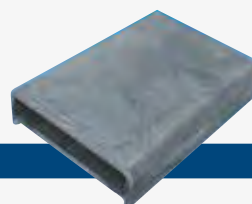
Order no

9081 210 300

Accessories

Description

Stake sleeve, outside frame fastening, untreated



Order no

9081 210 310

Lifting roof system

Liftmaster 770

mechanical lift system which which the canopy top can be steplessly raised by up to 400 mm using a toggle lever mechanism, driving operation with a canopy top raised by 120 mm is permitted by the lift locking

Length 2750 mm
 Width 60 mm
 Lift force 250 kg
 Surface EPD coated



Order no

9088 100 780

Accessories

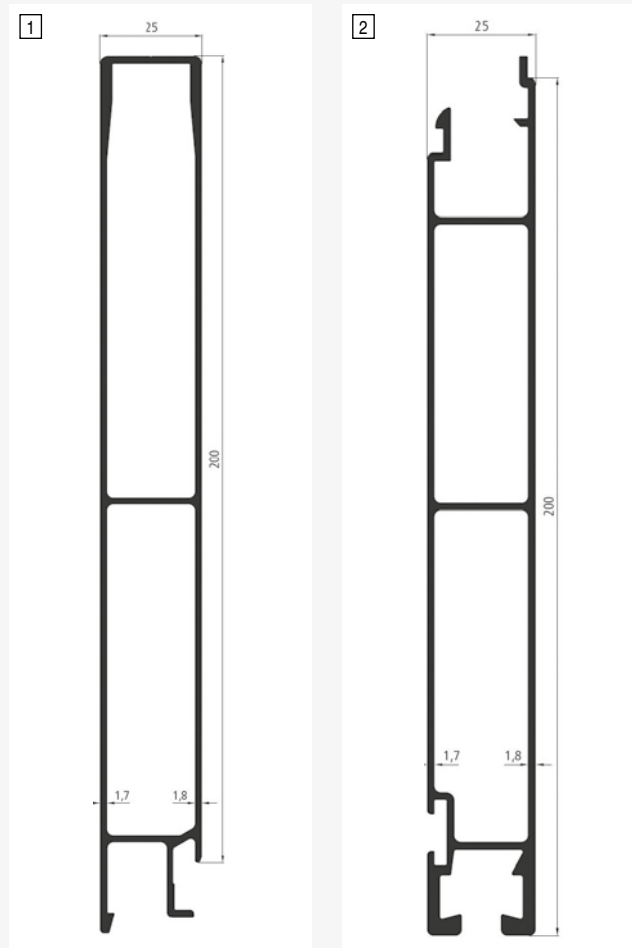
Description

Lifting mechanics



Order no

9400 016 860



Drop side profile

Snap-Lok system

Width 25 mm
 Overall height 200 mm
 Material aluminium

sold by the meter

Description	Fig.	Order no
End profile, top	1	9086 210 330
End profile, bottom	2	9086 211 180

FURTHER ITEMS AVAILABLE ON REQUEST

Drop side profile

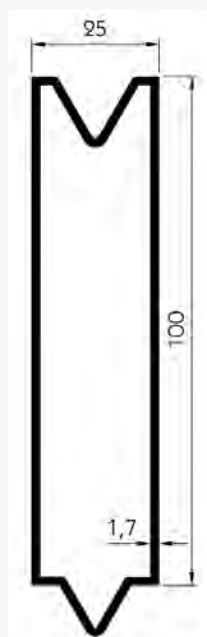
plug-in system

Version End profile, top
 Width 25 mm
 Overall height 200 mm
 Material aluminium

sold by the meter

Order no
9086 210 610





Aluminium profile

Overall height 100 mm
Width 25 mm

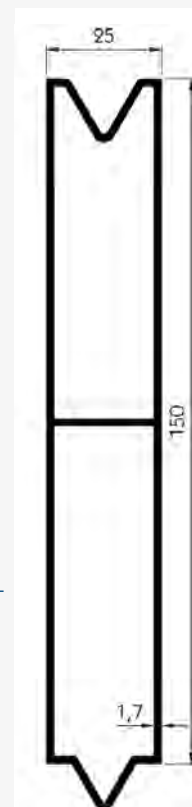
Application range

Lug for insertion in the groove of the combination skirting protection, groove for placing on the lug of the skirting protection or further lug attachment plates

sold by the meter

Order no

9086 212 820



Aluminium profile

Overall height 150 mm
Width 25 mm

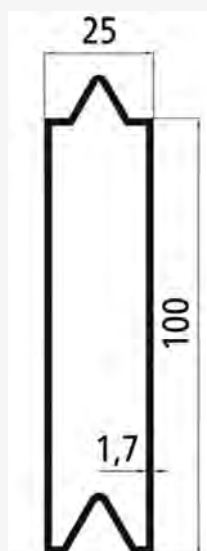
Application range

Lug for insertion in the groove of the combination skirting protection, groove for placing on the lug of the skirting protection or further lug attachment plates

sold by the meter

Order no

9086 212 230



Aluminium profile

Version without centre bar
Length 3250 mm
Height 100 mm
Thickness 25 mm
Surface Press-finished

Order no

9086 212 823



Profile edging

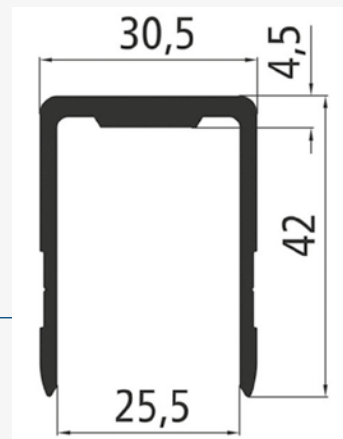
for drop side profile 25 mm

Overall height 56 mm
Material aluminium

sold by the meter

Order no

9086 211 811



Profile edging

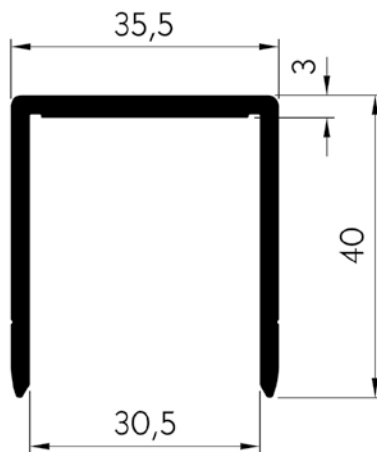
for drop side profile 25 mm

Overall height 42 mm
Material aluminium

sold by the meter

Order no

9086 210 440



Drop side profile

Version edgings 30 mm
Overall height 40 mm
Thickness 3 mm
Material aluminium

sold by the meter

Order no

9086 110 120



Rubber seal

for lower end profile

sold by the meter

Order no

9081 116 720



Rubber seal

for aluminium profile

Application range

for trailer doors

sold by the meter

Order no

9081 118 640

Hinge bearing

Type 6552 N
Surface galvanised

Version	Order no
	9081 117 320
for tie rod M12	9081 117 330

Accessories

Description	Order no
Threaded plate, M6, Length 80 mm	9081 118 190
Threaded plate, M8, Length 130 mm, with 12 mm hole for tie rod	9081 117 510



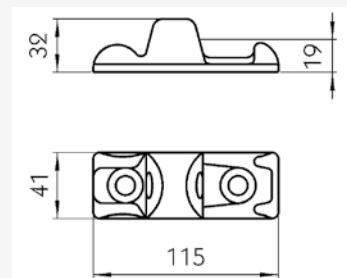
Drop side hinge

Version for M12 tie rod
Type 6541 N
Length 101 mm
Width 48 mm
Surface galvanised

Order no
9081 100 000

Accessories

Description	Order no
Threaded plate, with 13 mm middle hole, Length 100 mm, Depth 7 mm, galvanised	9081 117 610



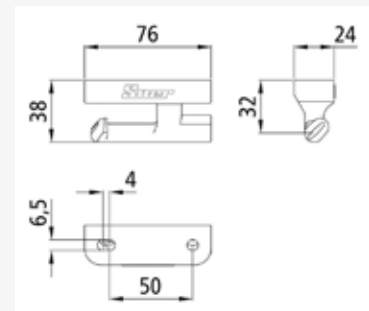
Hinge pin/bearing

Description	Type	Version	Surface	Order no
Hinge bearing	6540	for welding or screwing into place	untreated	9081 115 420
Hinge pin	6541	with 2 holes 9 mm	galvanised	9081 115 430

Hinge pin

Width 32 mm
Length 76 mm
Material Steel
Surface galvanised

Order no
9081 118 172





Hinge pin

Type 6541 N
Surface galvanised

Order no
9081 117 480

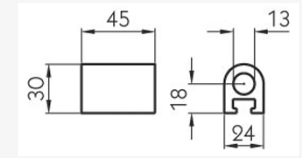
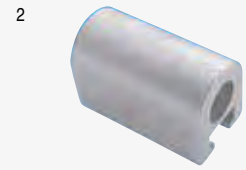
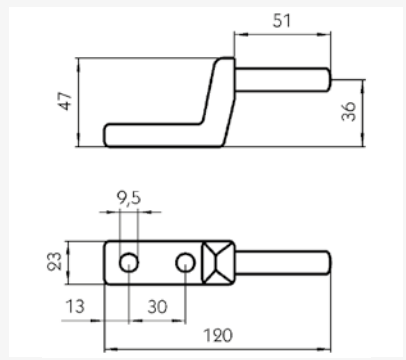
Weld-on stud for drop side hinge

Version 25/30
Surface untreated

Order no
9081 115 190



6



Drop side hinge for aluminium side frame profile

light hinge for 25 mm drop sides, for screwing on using M8 x 20 machine screws

Description	Material	Surface	Fig.	Order no
hinge upper part	steel	galvanised	1	9081 116 960
hinge lower part	aluminium	untreated	2	9081 116 971



Threaded rail

The forces that occur at the tailboard are optimally passed by the counter-diagonals on the threaded rails into the lowest chamber of the aluminium profile and into the tailboard.

Material aluminium
Surface untreated

Order no
9081 116 690



Hinge bearing

Type 25/30
Version Top
Width 100 mm
Depth 24 mm
Material Steel
Surface galvanised

Order no
9081 118 222

**EURO
PART**

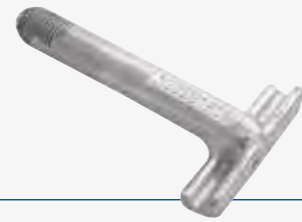


Recessed locking handle for platform bodies

Type	681 SL
Version	with press button locking against self-opening
Length	268 mm
Width	120 mm
Installation depth	22 mm
Surface	galvanised

Order no

9081 025 120



T-piece for toggle fastener 681 SL

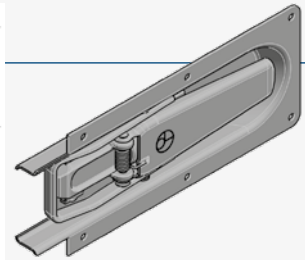
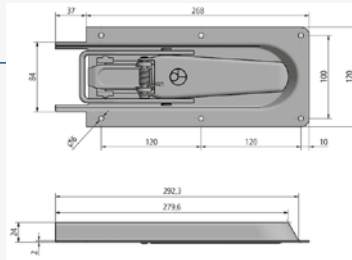
Length	98 mm
Surface	galvanised

Order no

9086 025 300

Recessed locking handle for platform bodies

Version	with safety mechanism against self-opening
Length	268 (305) mm
Width	120 mm
Surface	galvanised



Order no

9081 015 690

**EURO
PART**

Recessed locking handle for heavy platform bodies and folding wall bodies

Type	681 S
Version	with press button locking against self-opening
Installation side	left/right
Length	268 mm
Width	120 mm
Installation depth	22 mm
Surface	galvanised



Order no

9081 024 590

T-piece for toggle fastener 681 S/1

Length	63 mm
Surface	galvanised

Order no

9081 026 300

Closing gasket for toggle fastener 681 S/1

Type	6817
Length	74 mm
Width	36 mm
Surface	untreated

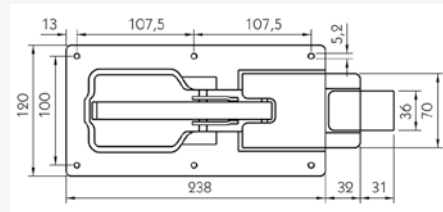
Order no

9081 024 610

Flat locking bolt

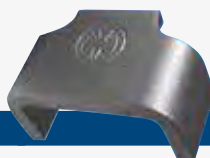
for heavy platform and folding wall bodies

Type	682
Version	with safety mechanism against self-opening
Length	238 mm
Width	120 mm
Installation depth	22 mm
Surface	galvanised



Order no	9081 011 980
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Accessories



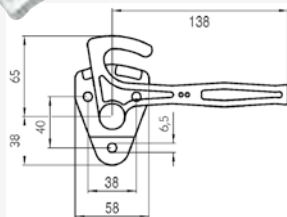
Description	Order no
Counterholder	9081 015 680

6

Angled lever fastener

a fastener spring prevents self-opening

Type	3990
Size	0
Lever length	138 mm
Surface	galvanised



Application range

for mounting on bodies of all kinds

Installation side	Order no
left	9081 024 810
right	9081 024 820



Counterholder

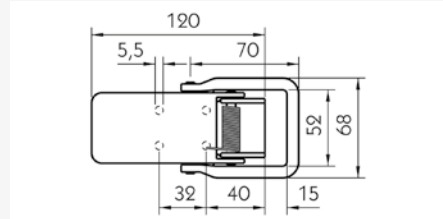
Size	Order no
0	9081 016 210
1	9081 015 110
2	9081 015 120



Toggle fastener

with lug for padlock

Length	120 mm
Width	52 mm
Lever length	70 mm
Mounting height	25 mm
Surface	galvanised

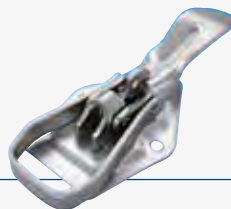


Order no	9080 714 820
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Accessories

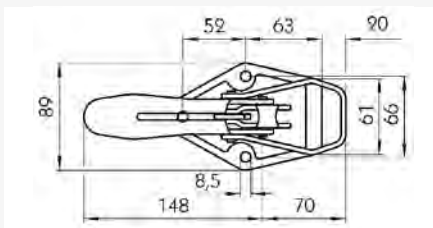


Description	Order no
Counterholder	9080 710 620



Toggle fastener with automatic safety hook

Type AH 27
 Installation side left/right
 Length 218 mm
 Width 89 mm
 Lever length 148 mm
 Mounting height 40 mm
 Surface galvanised



Order no

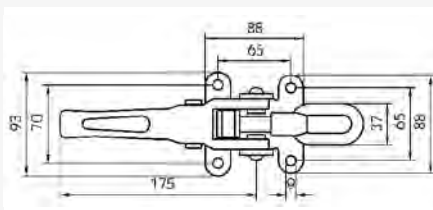
9081 021 120

6



Toggle fastener for screw attachment

Type 6043
 Version with safety mechanism
 Overall length 250-285 mm
 Width 88 mm
 Lever length 175 mm
 Mounting height 34 mm
 Surface galvanised



Order no

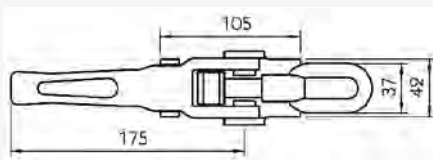
9081 023 191

Application range
 for mounting on light platform bodies



Toggle fastener for welding on

Type 6043 S
 Overall length 250-285 mm
 Width 42 mm
 Lever length 175 mm
 Mounting height 34 mm
 Surface untreated



Order no

9081 010 980

9081 023 201

Version
 without safety mechanism
 with safety mechanism

Accessories

Description

Retaining cam



Order no

9081 020 320

Counterholder

for screw attachment,
for toggle fasteners 6043 and 6043 S

Type 6044
Overall length 159 mm
Fastening 3 holes with 8,7 mm diameter
Surface galvanised



Order no

9081 017 040

6

**EURO
PART**



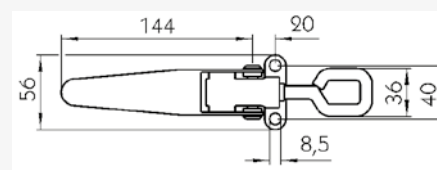
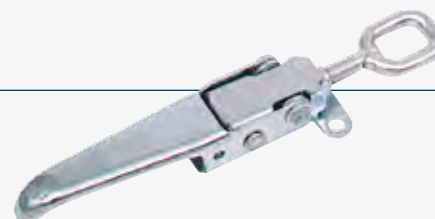
Toggle fastener

for screw attachment

Overall length 210-235 mm
Width 56 mm
Lever length 119 mm
Surface galvanised

Application range

suitable for light to medium-weight trucks, car trailers, light platform bodies, tool chests, transportation containers, agricultural vehicles or for securing tarpaulins on vehicles



Order no

9081 016 880

Accessories

Description

Counterholder, straight, galvanised

Order no

9081 016 980



Tipper fastening

Version straight
Height 275 mm
Width 36 mm
Surface Housing raw, remaining steel parts galvanised

Order no

9080 102 953



Rocker stud

for hanging fastener 664 N

Type 6640 N
Overall length 130 mm
Ø 18 mm
Shank Ø 29 mm
Surface untreated

Order no

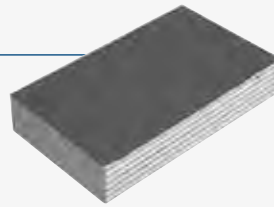
9081 019 560

Coated plywood board

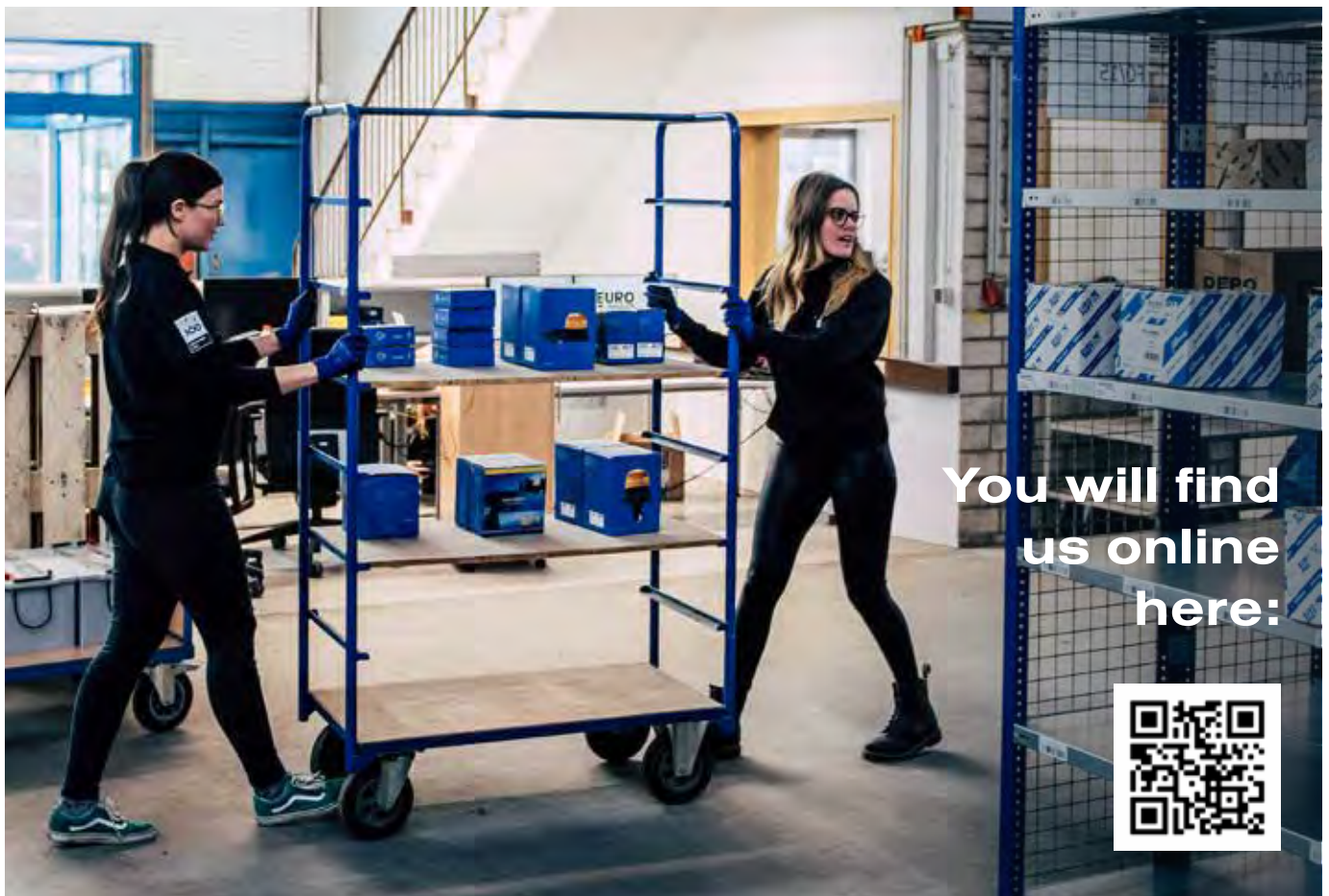
BFU 100

- high resistance to abrasion
- high resistance to chemicals
- anti-slip surfaces (screen-printed plywood)
- increased moisture resistance

Version glued
Material birch

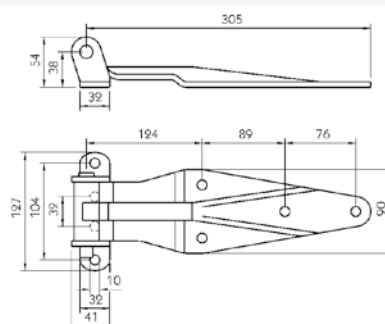


Length x width	Thickness	Order no
2500 x 1250 mm	9 mm	9080 012 509
2500 x 1250 mm	12 mm	9080 125 012
2500 x 1250 mm	15 mm	9080 125 015
2500 x 1250 mm	18 mm	9080 125 018
2500 x 1250 mm	21 mm	9080 125 021
2500 x 1250 mm	24 mm	9080 125 024
2500 x 1250 mm	27 mm	9080 125 027
2500 x 1250 mm	30 mm	9080 125 030
2500 x 1500 mm	9 mm	9080 015 009
2500 x 1500 mm	12 mm	9080 150 012
2500 x 1500 mm	15 mm	9080 150 015
2500 x 1500 mm	18 mm	9080 150 018
2500 x 1500 mm	21 mm	9080 155 021
2500 x 1500 mm	24 mm	9080 150 024
2500 x 1500 mm	27 mm	9080 150 027
2500 x 1500 mm	30 mm	9080 150 030
3000 x 1500 mm	21 mm	9080 150 021



You will find
us online
here:





Container door hinge

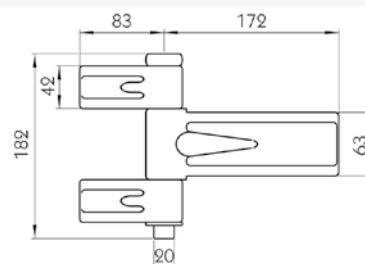
Surface galvanised

Scope of supply

complete, with bolt-on mounting and hinge pin

Order no

9081 115 960



Container door hinge

for swap body system

extremely strong

Type 928

split pin galvanised, remaining parts untreated

Scope of supply

2 short and 1 long hinge link, 1 hinge pin, 1 washer, 1 split pin

Version

6-piece

Order no

9080 111 894



Container lock set

Version 3/4"
Surface galvanised

Scope of supply

2 x clamping spigots, 2 x counterholds, 2 x rod brackets with base, 2 x rod guides with base,
1 x hand lever, 1 x bracket, 1 x complete locking device

Order no

9081 026 780

6

Espagnolette fastener

PWP Boxer

Surface galvanised

Scope of supply

1 x fastener with latch, 1 x turn hook, 1 x closing pocket, 1 x threaded rail (short), 1 x threaded rail (long),
5 x countersunk screws M8 x 25



Order no

9085 102 698

Accessories

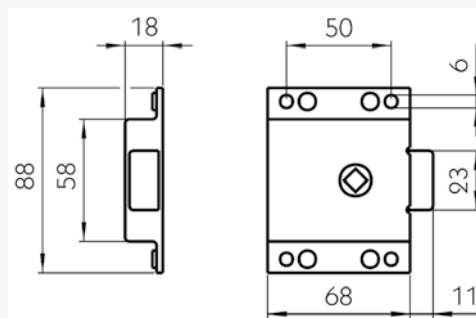
Description

Locking



Order no

9083 119 066



Lock

with latch

Installation side

left

Order no

9802 218 300

right

9802 218 310



Tongue lock

for installation in door closures

Version screw attachment
Installation side left/right
Surface galvanised

Dimensions	Arbour size	Square	Order no
100 x 19 mm	9 mm	7 mm	9802 214 700
125 x 28 mm	13 mm	8 mm	9802 214 900

6



Square key

for square hole lock

Dimensions	Square	Order no
130 x 70 mm	5-8,5 mm	9802 212 800
155 x 70 mm	5-9 mm	9802 212 900

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- \ \ \ Repair instructions (commercial vehicles)
- \ \ \ Test and adjustment values (commercial vehicles)
- \ \ \ Vehicle technical hotline



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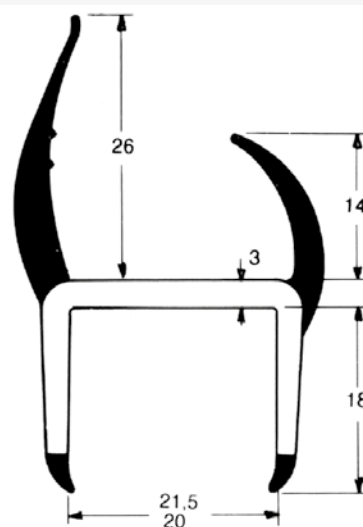
PVC seal

for doors and hatches

Version with 2 lips
 Length 5000 mm
 Clamping range 21,5 mm
 Colour grey/black

Order no

9080 009 915



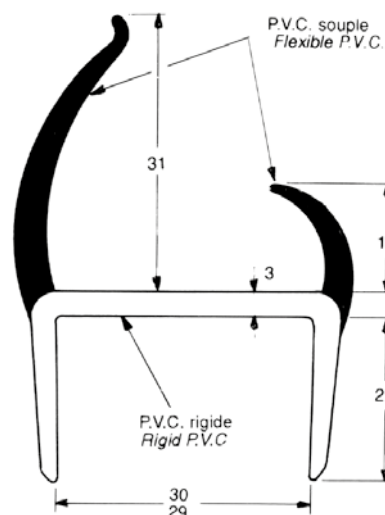
PVC seal

for doors and hatches

Version with 2 lips
 Length 5000 mm
 Clamping range 30 mm
 Colour grey/black

Order no

9080 009 925



Rubber seal

for double pivot hinge

Application range

for all-around edging, side (outside), top and bottom

sold by the meter

Order no

9082 195 010



Foam rubber

Colour antracite

sold by the meter

Version	Dimensions	Order no
half-round profile with edge radius 3 mm	13 x 20 mm	9802 803 700
box section	10 x 25 mm	9081 118 100



This figure corresponds to 9802 803 700

Handle

Length 188 mm
Colour black

Material polyurethane integral foam on galvanised sheet steel core



Order no

9081 315 110

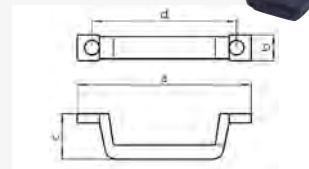
Handle

universal use

made of polyurethane integral foam, with foamed-in metal core, largely insensitive towards petrol, oils, alkalis and acids

Version weather- and corrosion-proof

Surface smooth



a	b	c	d	Order no
190 mm	30 mm	50 mm	160 mm	9085 882 420
280 mm	30 mm	55 mm	250 mm	9086 335 010

Spring locking pin

Length 43 mm Pin \varnothing 10 mm
 \varnothing of bush 20 mm



Scope of supply with ring eye

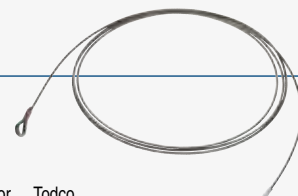
Order no

9802 834 600

Bearer cable for roller doors

Length 3210 mm

Suitable for Todco



Order no

9370 452 160

Bearer cable for roller door

Length 2794 mm Suitable for Todco



Order no

9370 452 110

Bearing bush for rollers

Application range roller shutter



Order no

9370 302 000

Bracket for double roller

Installation side

Installation side	Order no
left	9370 252 410
right	9370 252 400



Roller for roller doors

Version with steel ball bearing

Material stainless steel

Shaft length from collar: 65 mm



Order no

9370 300 200

Angled lever fastener for roller doors

for roller doors

with integrated safety device preventing self-opening

Surface galvanised



Order no

9370 350 110

Solenoid

suitable for Carrier

Version for Start/Stop



This figure corresponds to 5140 120 149

Suitable for	Order no	Comparative no
Maxima/Supra	5140 120 147	Carrier 10-66810-00 Carrier 10-00395-50 Carrier 10-00395-52 Carrier 10-00395-53
Maxima/Supra	5140 120 148	Carrier 25-15230-01
Ultra/Vector	5140 120 149	Carrier 25-38109-06

Solenoid valve

suitable for Carrier

Version for speed control
Suitable for Vector 1800/1850/1950



Order no	Comparative no
5140 120 146	Carrier 10-01178-04

Solenoid valve

suitable for Thermo King

Version	Order no	Comparative no
for fuel supply	5140 120 142	Thermo King 42-0100
for Start/Stop	5140 120 143	Thermo King 44-2823
for speed control	5140 120 145	Thermo King 44-9181



This figure corresponds to 5140 120 145

Solenoid

suitable for Thermo King

Order no	Comparative no
5140 549 101	Thermo King 41-5459





3-way valve spool

suitable for Thermo King

Suitable for SL

Order no	Comparative no
5140 115 251	Thermo King 41-1525 Thermo King 44-6207



Piston

suitable for Thermo King

Version for speed coil

Order no	Comparative no
5140 120 144	Thermo King 44-8198



Fuel tank

Material polyethylene
Version with mechanical level indicator

Application range
for refrigerated vehicles

Scope of supply
without tightening straps

TÜV-approved



Order no
9661 050 140



Silencer

suitable for Carrier

This figure corresponds to 5140 360 017

Suitable for	Order no	Comparative no
Vector	5140 360 017	Carrier 30-60125-00 Carrier 30-60125-03
Vector	5140 360 018	Carrier 76-61272-00



Flexible pipe set

suitable for Carrier

This figure corresponds to 5140 360 019

Suitable for	Order no	Comparative no
Maxima	5140 360 020	Carrier 76-61273-00
Vector	5140 360 019	Carrier 76-61272-LO
Vector	5140 360 016	Carrier 30-00447-00 Carrier 30-00468-00 Carrier 30-60124-00



This figure corresponds to 5140 120 141

Silencer set
suitable for Thermo King

Suitable for	Order no	Comparative no
MD/KD II	5140 120 556	Thermo King 12-0765
SL(e) series	5140 120 141	Thermo King 12-0914
SL(e) series *	5140 121 490	Thermo King 12-0914
SLX series	5140 120 991	Thermo King 12-0919
UTS 1200	5140 360 022	Thermo King 12-0970TKA
UTS/URD III	5140 360 021	Thermo King 12-0412

*incl. clamp



This figure corresponds to 5140 120 992

Flexible pipe
suitable for Thermo King

Description	Suitable for	Order no	Comparative no
Flexible pipe	SLX series	5140 120 992	Thermo King 13-0939
Flexible pipe set	SL(e) series	5148 889 111	Thermo King 11-8879



Housing parts

suitable for Carrier Vector 1350/1550/1550 City/1950/1950MT

Description	Model	Fig.	Order no	Comparative no
Panelling, top, right, with hinges		1	5140 646 320	Carrier 79-60463-20
Ventilation grille, without metal frame	Vector 1550/1550 City up to S/N: ZC302049 Vector 1950/1950 MT up to S/N: RC302086		5140 177 020	Carrier 79-60770-20
Ventilation grille	Vector 1550/1550 City from S/N: ZC302049 Vector 1950/1950 MT from S/N: RC302086	2	5140 079 620	Carrier 79-60796-20
Panelling, top, left, with hinges		3	5140 646 220	Carrier 79-60462-20
Panelling, bottom, left, with hinges		4	5140 646 023	Carrier 79-60460-23
Housing door, right, with hinges		5	5140 645 910	Carrier 79-60459-10
Housing door, left, with hinges and lock		6	5140 645 810	Carrier 79-60458-10
Panelling, bottom, right, with hinges		7	5140 646 120	Carrier 79-60461-20



Housing parts

suitable for Carrier Vector 1800/1850/1800MT/1850MT

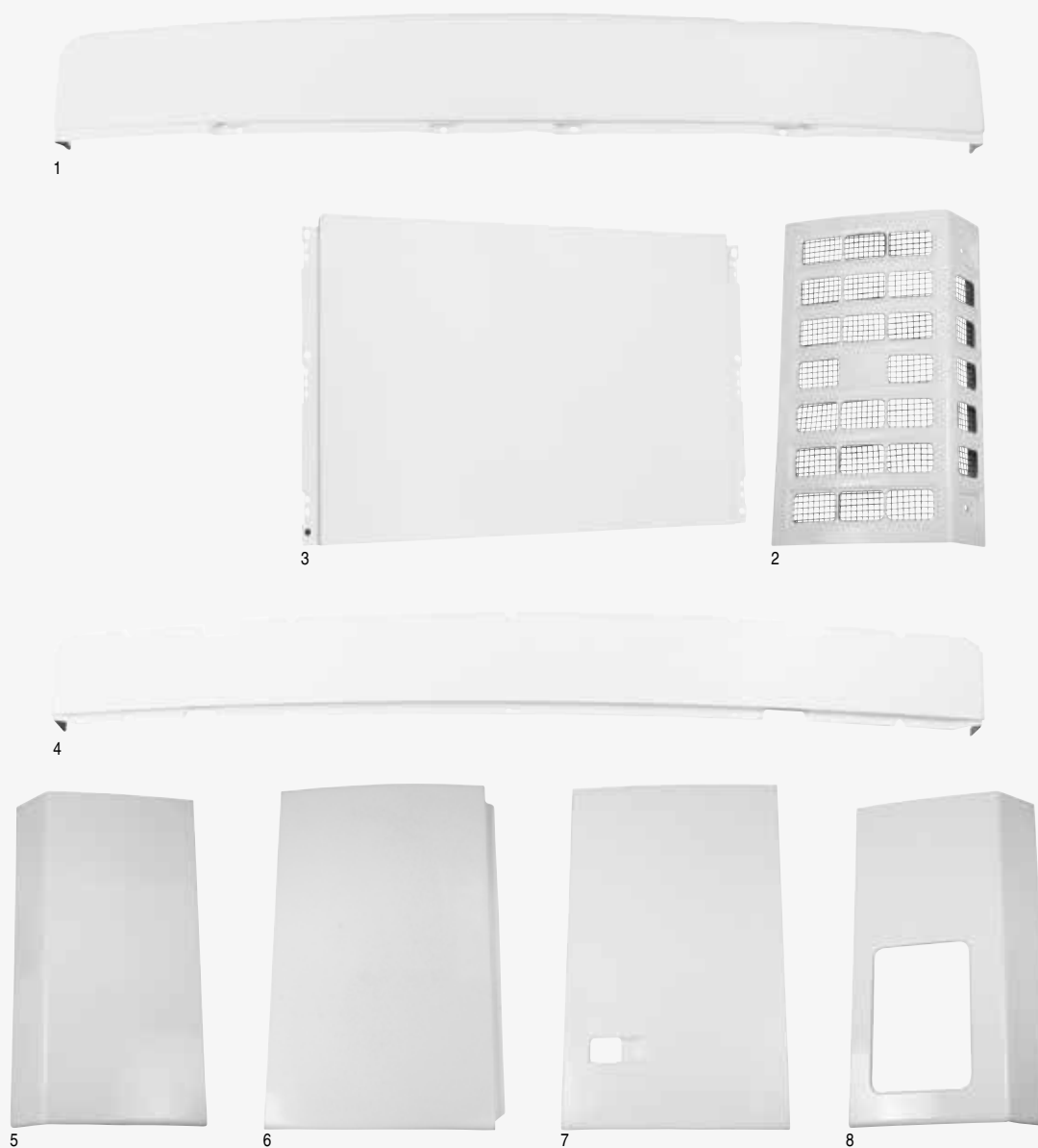
Description	Fig.	Order no	Comparative no
Panelling, top, right, black, with hinges	1	5140 646 300	Carrier 79-60463-00
Ventilation grille, black	2	5140 677 020	Carrier 79-60770-20
Panelling, top, left, black, with hinges	3	5140 646 200	Carrier 79-60462-00
Panelling, bottom, right, with hinges	4	5140 646 100	Carrier 79-60461-00
Housing door, right, with hinges	5	5140 645 900	Carrier 79-60459-00
Housing door, left, with hinges and lock	6	5140 645 800	Carrier 79-60458-00
Panelling, bottom, left, with hinges	7	5140 646 022	Carrier 79-60460-22



Housing parts

suitable for Carrier Maxima 1000/1200/1200MT/1300/1300MT

Description	Fig.	Order no	Comparative no
Cover plate, top	1	5140 652 501	Carrier 58-60525-01
Ventilation grille, right, black	2	5140 657 801	Carrier 58-60578-01
Ventilation grille, centre, black, With hinges	3	5140 657 401	Carrier 58-60574-01
Ventilation grille, left, black	4	5140 657 901	Carrier 58-60579-01
Panelling, bottom, right, with hinges	5	5140 665 200	Carrier 79-60652-00
Housing door, right, with hinges	6	5140 653 000	Carrier 79-60530-00
Housing door, left, with hinges and lock	7	5140 653 100	Carrier 79-60531-00
Panelling, bottom, left, with hinges	8	5140 665 100	Carrier 79-60651-00
Panelling, bottom, left/right	9	5140 662 310	Carrier 79-60623-10

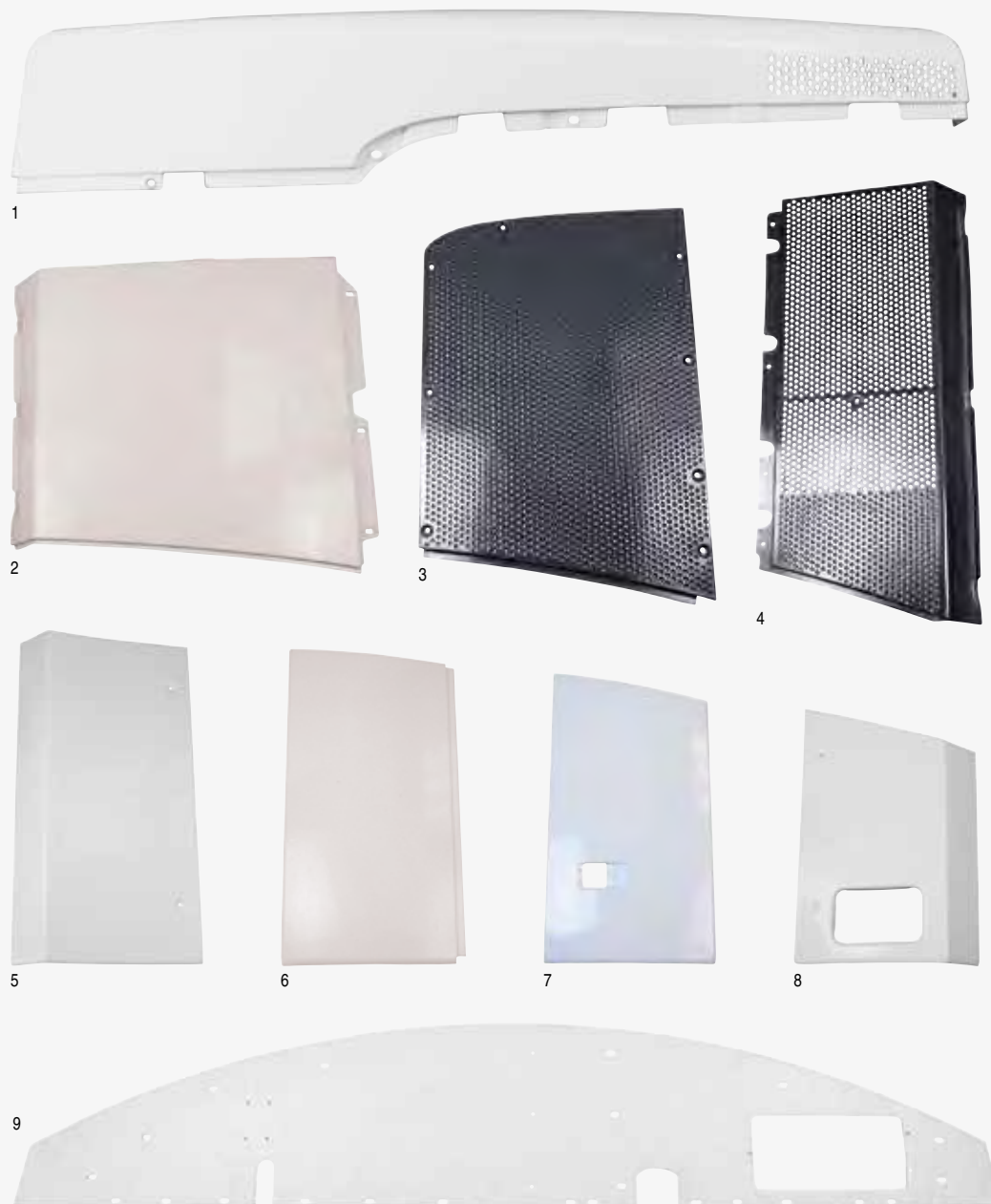


Housing parts

suitable for Thermo King

SL100/SL100e/SL200/SL200e/SL300/SL300e/SL400/SL400e/Spectrum

Description	Fig.	Order no	Comparative no
Cover plate, top	1	5140 685 981	Thermo King 98-5981
Ventilation grille, left/right	2	5140 684 324	Thermo King 98-4324
Panelling, middle, top	3	5140 686 476	Thermo King 98-6476
Cover plate, centre	4	5140 686 481	Thermo King 98-6481
Housing door, outer, right	5	5140 684 679	Thermo King 98-6479
Housing door, centre, right	6	5140 686 478	Thermo King 98-6478
Housing door, centre, left	7	5140 686 477	Thermo King 98-6477
Housing door, outer, left	8	5140 686 480	Thermo King 98-6480



Housing parts

suitable for Thermo King

SLX100/SLX100e/SLX200/SLX200e/SLX300/SLX300e/SLX400/SLX400e/Spectrum

Description	Fig.	Order no	Comparative no
Cover plate, top	1	5140 687 914	Thermo King 98-7914
Panelling, top, right	2	5140 687 917	Thermo King 98-7917
Ventilation grille, centre	3	5140 687 915	Thermo King 98-7915 Thermo King 98-9039
Ventilation grille, left	4	5140 687 916	Thermo King 98-7916
Panelling, bottom, right	5	5140 687 912	Thermo King 98-7912
Housing door, centre, right	6	5140 688 185	Thermo King 98-8185
Housing door, centre, left	7	5140 888 186	Thermo King 98-8186
Housing door, centre, left, with lock		5140 688 187	Thermo King 98-8186
Panelling, left, with cutout for control box	8	5140 687 913	Thermo King 98-7913 Thermo King 98-8512 Thermo King 98-9070
Cover plate, bottom	9	5140 687 907	Thermo King 98-7907

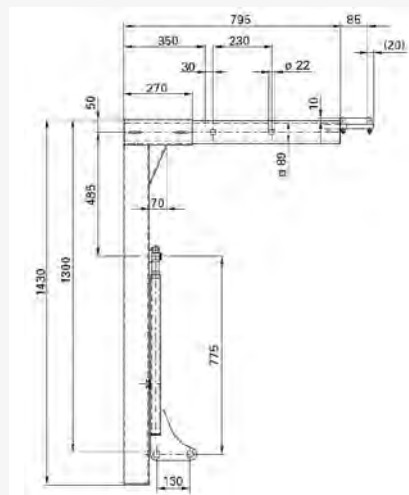
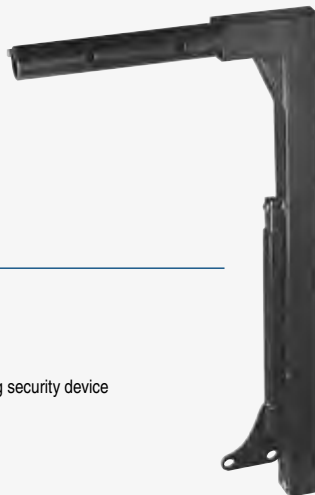
JOST

Support leg SS 86 SKL2

Version rigid, with 30 mm hole for suspension hook and sliding unhooking security device
 Standard DIN EN 284
 Form A2

Application range

for swap bodies up to a permissible total container weight of max. 18,000 kg



Order no

3001 002 265

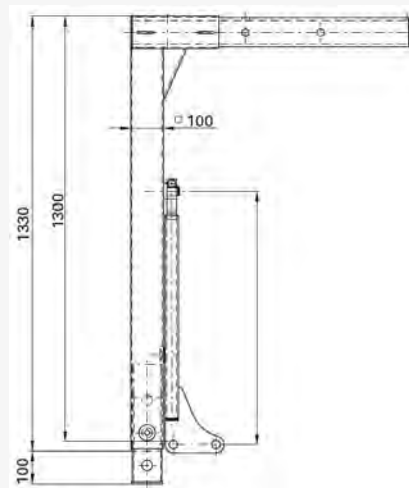
JOST

Support leg SS 86 TSKL

Version telescopic, with bore for carrying hook
 Standard DIN EN 284
 Form A1

Application range

for swap bodies up to a permissible total container weight of max. 18,000 kg



Order no

3001 002 334

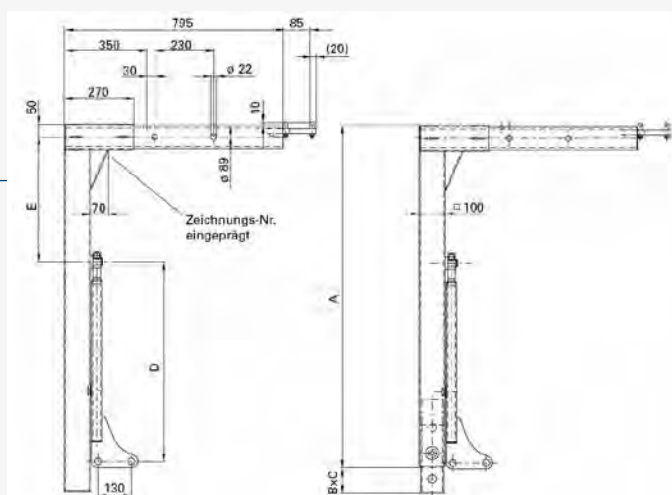
JOST

Support leg SS 86 TSK2049

Version telescopic, with standard strut
 Standard similar to DIN EN 284
 Form A2
 A 1080 mm
 B x C 7 x 50 mm
 D 775 mm
 E 485 mm

Application range

for volume containers up to a maximum permitted container total weight of 18000 kg



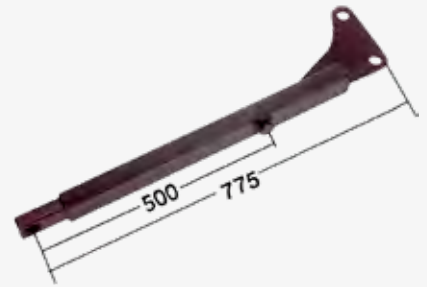
Order no

9370 005 225



Supporting leg strut SS 86 SKL/TSKL/TSKXL

Scope of supply
complete, with button



Order no
9370 600 115



Supporting bearing

with left-hand marking in the type designation

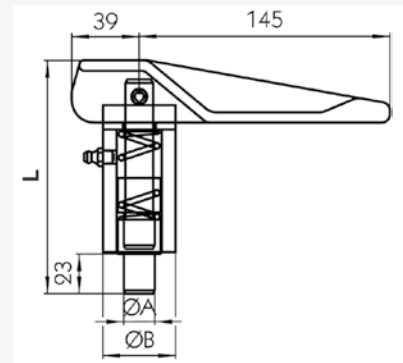
Suitable for RS 7090, SS 86, RS 1025
Version with spring catch at 75 mm



Type	Installation side	Order no
TS 93 SNL	left	9370 000 815
TS 93 SNR	right	3001 002 423



Spring locking bolt



Type	A	B	L	Order no	Type	A	B	L	Order no
FS 97	16 mm	42 mm	133 mm	9373 216 000	FS 97	25 mm	42 mm	133 mm	9370 500 025
FS 97	18 mm	42 mm	133 mm	9370 500 018	FS 97	30 mm	42 mm	133 mm	9373 230 000
FS 97	20 mm	42 mm	133 mm	9373 220 000	FS 97	30 mm	45 mm	133 mm	9085 110 650

Service parts

Description	Order no
Collet	9370 501 002

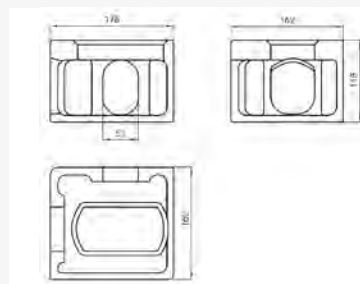


Circlip for struts

Suitable for all types SS 86, RS 7080, RS 7090, RS 7100
Surface zinc plated



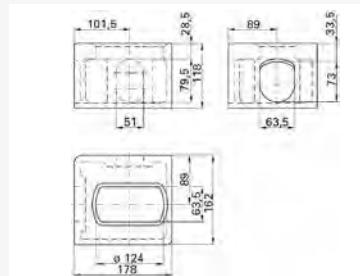
Order no
9373 003 008

JOST**Attachment**

for swap systems

Standard ISO 1161
 Installation location bottom
 Material cast steel

Type	Installation side	Order no
CC 299 BL	left	9371 299 000
CC 300 BR	right	9371 300 000

**JOST****Attachment**

CC 195, for swap container body systems

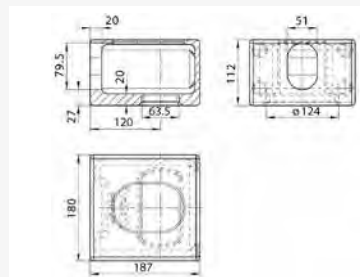
Standard EN 284
 Height 112 mm
 Material cast steel

Application range

for swap containers with a vehicle width of 2500 mm

Order no

9370 205 008

**JOST****Container locking catch**

R 405 VAK

(ISO) can be clamped and lowered, sheet steel housing with retaining ring, dimensions in position ready to accept

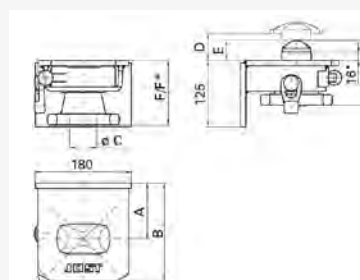
Version with backplate, delivery condition: assembled
 Depth gauge 105 mm
 Peg- \varnothing 52 mm
 Surface housing primed, inner part galvanised

Application range

for swap vehicles/trailers, recommended container total weight max. 25400 kg

Order no

9370 099 162



JOST

Container locking catch

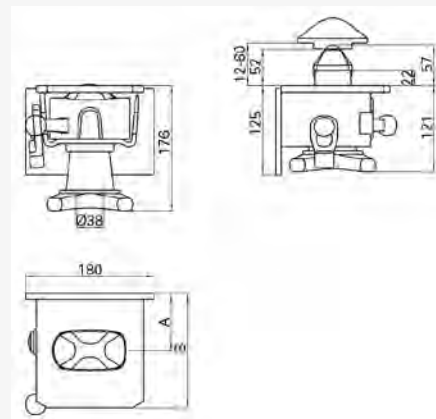
R 416 VAK

(ISO) can be tensioned and lowered, sheet steel housing with locking ring, dimensions in receptive position

Version with backplate, delivery condition: assembled
 Depth gauge 80 mm
 Peg- \varnothing 38 mm
 Surface housing primed, inner part galvanised

Application range

for container chassis in middle position, swap vehicles/trailers, recommended container total weight max. 25400 kg

Order no**9370 099 118****JOST**

Spacer ring

for container locking

Suitable for R 401 VAK, R 301 VA, R 405 VAN, R 305 VAN, VA 01 SK
 Surface galvanised

Order no**9371 000 188****JOST**

Pivot

for container locking

with thread limiting using ring

Head length 98 mm
 Head width 54 mm
 Surface galvanised



Suitable for	Overall length	Shank length	Thread	Thread length	Order no
FD 02 SK-RV, F 02 SK-R, R 402 F-R, R 302 F-R, R 401 VAK, R 301 VA, VA 01 SK, SR 502 FQ, SR 501 VAQ	204 mm	169 mm	TR52 x 5	111 mm	9371 000 213
R 404 VAK	153 mm	118 mm	TR52 x 5	90 mm	9371 000 189
R 405 VAK, R 305 VA/VAP, QT 200 V/RV, QT 160-80 V/RV	123 mm	102 mm	TR52 x 5	79 mm	9371 000 276
R 414 F, R 314 F, R 434 F, R 334 F, R 316 VA/VAP, R 416 VAK, R 336 VA, R 436 VAK, R 1018, FB 88-14 V, QT HV 200, SR 514 FQ, SR 516 VAQ, VA 36 SK, VA 16 SNK	155 mm	120 mm	TR38 x 4	90 mm	9371 000 137

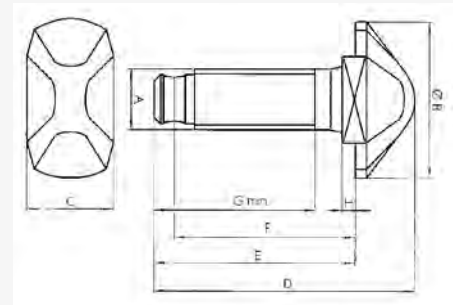
JOST

Pivot

for container locking

with thread limiting using knob

Suitable for	F02 SK-KN, FD 02 SK-KN
Surface	galvanised
A	TR52 x 5 mm
B	98 mm
C	54 mm
D	225 mm
E	190 mm
F	173 mm
G	167 mm
H	12 mm



Order no

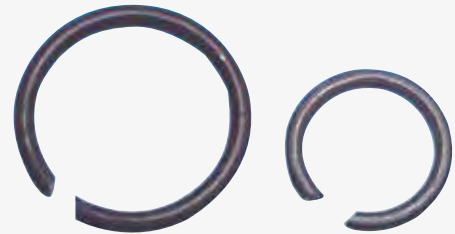
9371 000 051

JOST

Circlip

for pivots

Surface galvanised



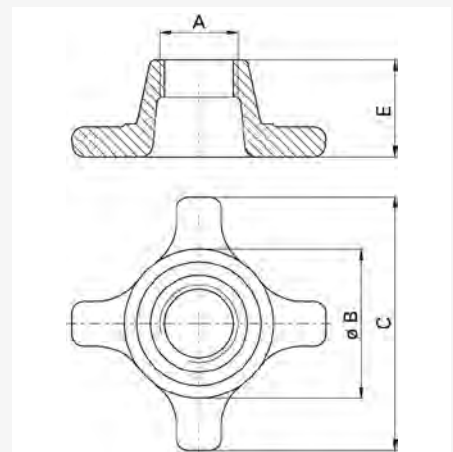
Pivot- \varnothing	Inner \varnothing	Order no
38 mm	26 mm	9371 000 190
52 mm	41 mm	9371 000 187

JOST

Chuck

for container locking

Surface galvanised



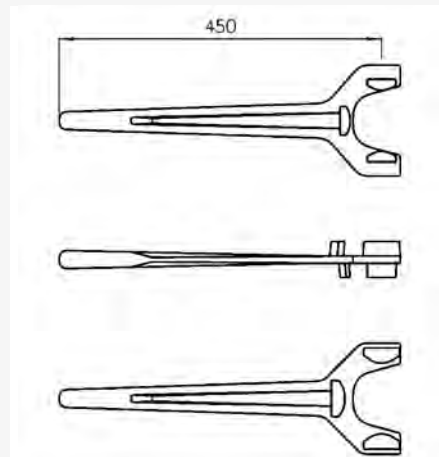
Suitable for	A	B	C	E	Order no
F 14 SK, F 10 SK-RV	TR38 x 4 mm	84 mm	140 mm	25 mm	9371 000 077
FD 02 SK-RV, F 02 SK-R, R 402 F-R, R 302 F-R	TR52 x 5 mm	100 mm	170 mm	29 mm	9371 000 088
R 405 VAK, R 305 VA/VAP, QT 200 V/RV, QT 160-80 V/RV	TR52 x 5 mm	100 mm	170 mm	65 mm	3001 003 849
R 414 F, R 314 F, R 434 F, R 334 F, R 316 VA/VAP, R 416 VAK, R 336 VA, R 436 VAK, R 1018, FB 88-14 V, QT HV 200, VA 36 SK	TR38 x 4 mm	84 mm	140 mm	82 mm	9371 000 127
VA 01 SK, R 401 VAK, R 301 VA	TR52 x 5 mm	100 mm	170 mm	75 mm	9371 000 072



Operating key

for container locking/taper nut

Type universal
Length 450 mm



Order no

9371 259 000

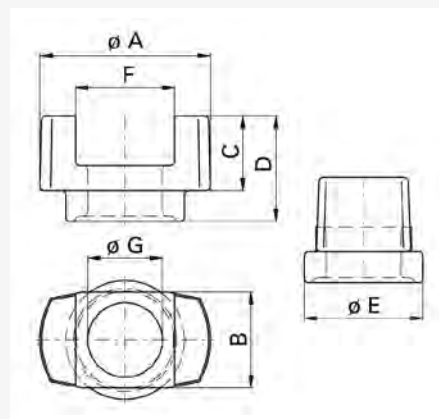
6



Guide socket

for container locking

Surface galvanised



Suitable for	A	B	C	D	E	F	G	Order no
FD 02 SK-RV	118 mm	84 mm	31 mm	55 mm	70 mm	57 mm	53 mm	9371 000 217
R 405 VAK/VAN, R 305 VA/VAN/VAP, QT 200 V/RV, QT 160-80 V/RV	100 mm	57 mm	29 mm	39 mm	84 mm	57 mm	53 mm	3001 002 134
R 406 VAK, R 306 VA, R 407 VAK, QT 160-6, QT 166-80 V/RV	100 mm	57 mm	29 mm	39 mm	84 mm	57 mm	40 mm	3001 002 059
R 414 VAK, R 416 VAK, R 316 VA/VAP, R 436 VAK, R 336 VA, R 1018, QT HV 200, SR 516 VAQ, VA 16 SNK, VA 36 SK	98 mm	56 mm	42 mm	60 mm	67 mm	57 mm	40 mm	9371 000 178
VA 01 SK, R 401 VAK, R 301 VA, SR 501 VAQ	100 mm	57 mm	42 mm	83 mm	84 mm	57 mm	53 mm	9371 000 161

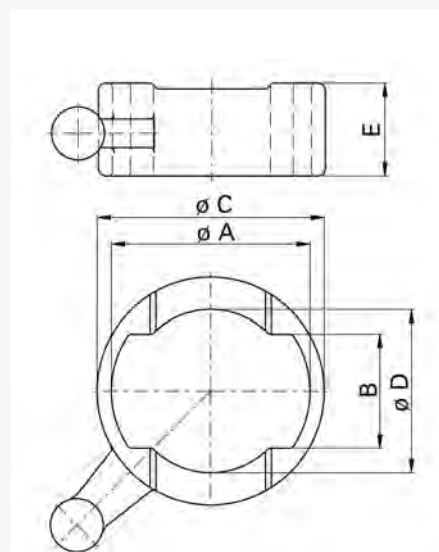


Grooved bush

for container locking

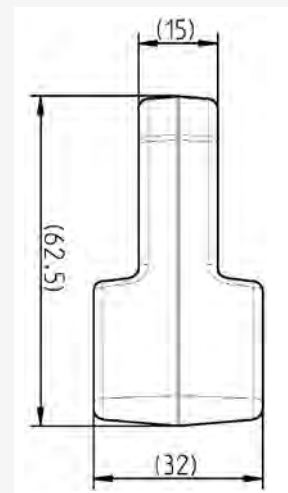
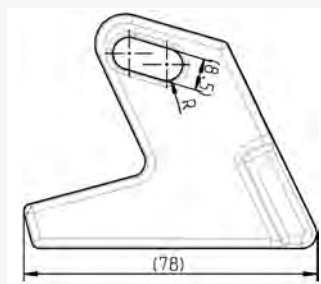
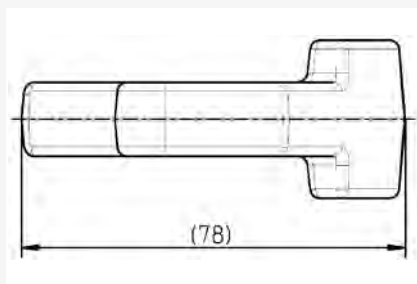
Suitable for R 305 VA/VAP, R 306 VA, R 405 VAK, R 406 VAK, R 407 VAK, FB 89-06 VAV, QT 200 V/RV, QT 166-80 V/RV, QT 160-80 V/RV, QT 160-6

A 105 mm
B 60 mm
C 120 mm
D 86 mm
E 39 mm



Order no

9371 000 274



JUST

Drop guard for container locking

secure the clamping nuts on locking devices and crossmembers against unintentional release

Version long front latch

Order no

9371 396 000

JUST

Drop guard for container locking

secure the clamping nuts on locking devices and crossmembers against unintentional release

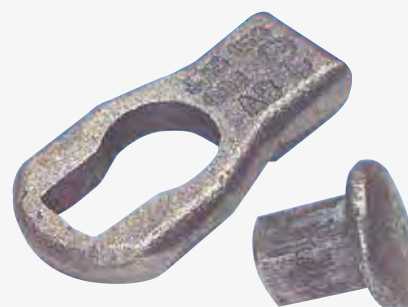
Suitable for all locking devices except F 10 SK, R 411 VAK, R 316 VAP and R 305 VAP

Scope of supply
complete

Version	Order no
can be welded	3001 023 387
screw attachment	3001 024 308

Service parts

Description	Order no
Latch, galvanised	9371 159 001



Drop guard for cross-beams

Type 170
Version long, weld-on piece steel
Material cast GGG

Order no

9370 104 170

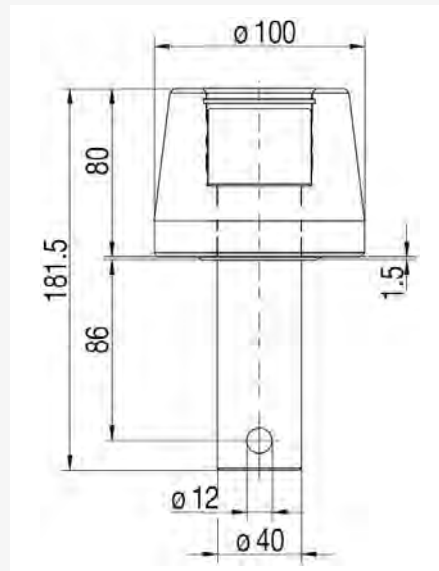




Guide roller

Type ER100-80S
Version small
Material steel

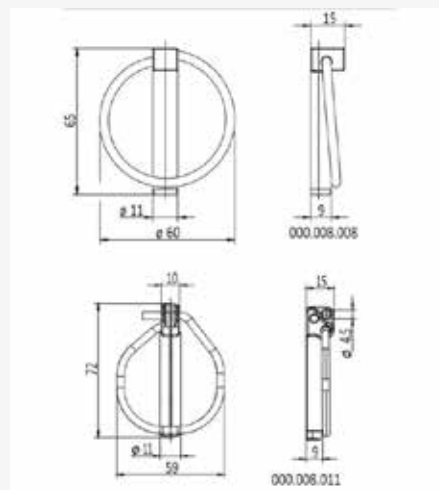
Order no
3001 012 073



Locking pin

Dimensions 12 x 55 mm

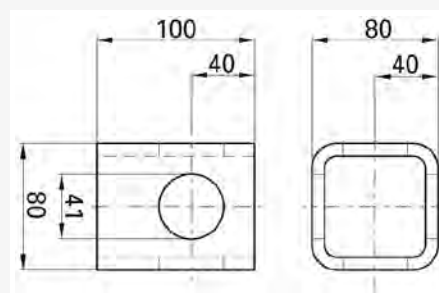
Order no
9370 008 008



Guide roller bearing

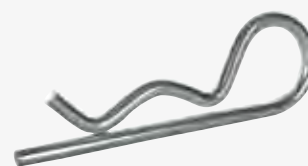
Type LER 100
Shank \varnothing 40 mm

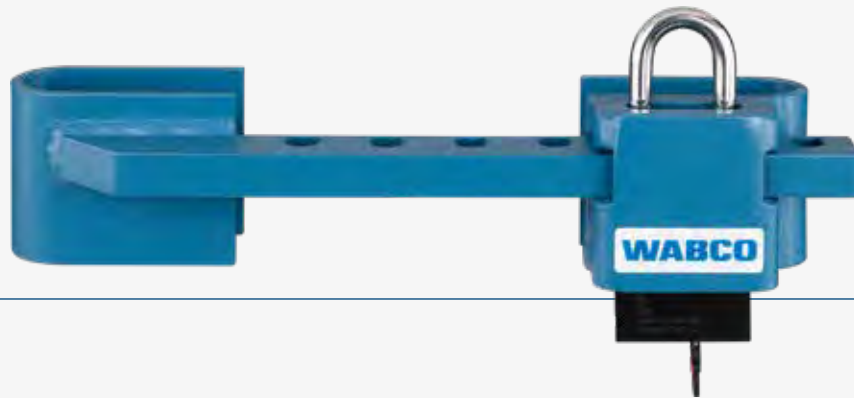
Order no
9370 002 055



Locking pin

Order no
9373 027 003





WABCO

Steel locking bar for door bars

Laid around the door turning rods, slid together and locked using the shackle lock. Sturdy, weatherproof steel lock, free mounting (variable installation), protected against drilling out, ANTI-DRILL, very high security class. Keyed alike and master key locking possible for an additional charge.

Type basis
Suitable for Distance between door rods 200-450 mm
Length x width x height 470 x 100 x 100 mm

Scope of supply

complete, with MUL-T-Lock shackle lock 13 mm, 3 keys and 1 key card (standard: EN 12320 level 4)

suitable for TAPA TSR certification

Order no

9080 005 000

Service parts

Description

Order no

Shackle lock, OptiLock™ TSR-MTL, Ø 13 mm

9080 004 977



WABCO

Locking for door poles

The forked claws are passed around the door rod fasteners (door clamps) and locked with the shackle lock. In this way, the lock cannot be slid upwards or downwards. Sturdy, weatherproof steel lock incl. protection against sawing open, free mounting (variable installation), protected against drilling out, ANTI-DRILL, very high security class. Keyed alike and master key locking possible for an additional charge. Possible to add a monitoring module with the GPS-Safe accessory item.

Type Omega
Suitable for Distance between door rods 225-435 mm
Length x width x height 455 x 105 x 100 mm

Scope of supply

with Mul-T-Lock shackle lock 13 mm, 3 keys and 1 key card (standard: EN 12320 level 4)

certified: VdS M114341 (Germany), only approved with MUL-T-Lock shackle lock 13 mm (engraved C13),

suitable for TAPA TSR certification

Order no

7800 011 000

Service parts

Description

Order no

Shackle lock, OptiLock™ TSR-MTL, Ø 13 mm

9080 004 977





WABCO

Anti-theft protection for door poles

Locks the door rods and blocks one handle. The steel cable and the bracket must be destroyed to open, free mounting (variable installation), identical numerical identification on all 3 parts, locks and seals, very high security class

Suitable for	Distance between door rods 265-470mm
Version	Single use
Standard	ISO/PAS 17712:2010
Length x width x height	510 x 69 x 52 mm
Thickness	3,8 mm

Scope of supply

3 door rod brackets, closing piece and steel cable with lead seal

suitable for TAPA TSR certification

Order no

9080 004 983

6



WABCO

Fastener body for doors

After fixed mounting, the two doors are connected from the inside and are locked by the lock housing. Separate bracket for the fastener body („park position“), built-in, patented ABLOY® lock cylinder, protected against drilling out, ANTI-DRILL, very high security class. Keyed alike and master key locking possible for an additional charge.

Type	TSR-2fiXX
Version	screw attachment
Length x width x height	185 x 125 x 40 mm
Material	stainless steel

Scope of supply

with 3 ABLOY® PROTEC keys, 1 keycard and fitting accessories

certified according to VdS M 106339 (Germany), SBSC Nr. 10-377 (Sweden), only approved with ABLOY® lock cylinder CL684N, suitable for TAPA TSR certification

Order no

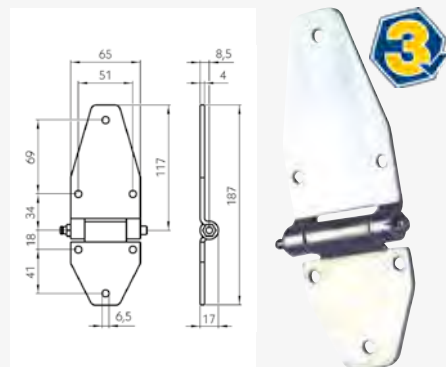
9080 004 997



Removal van hinge

both sides with 3 holes each, diameter 6,5 mm

Version with hinge pin and lubrication nipple
 Width 65 mm
 Length 70/116 mm
 Surface galvanised



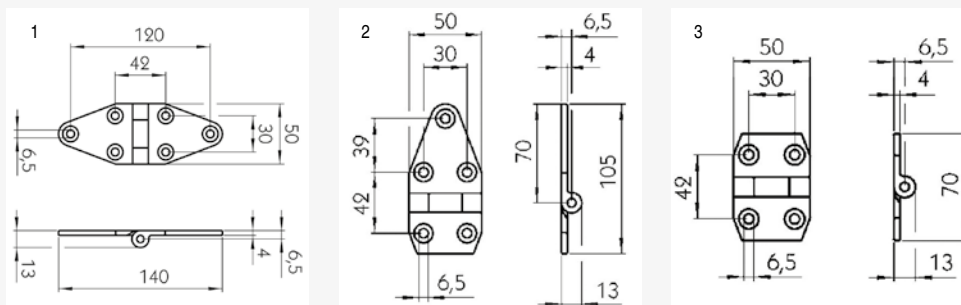
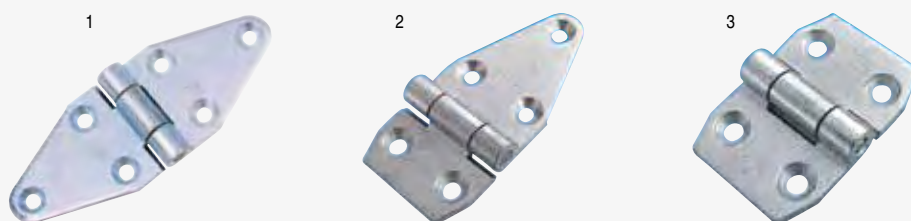
Order no
9081 117 240

Removal van hinge

Width 59 mm
 Height 60 mm
 Material Nirosta



Order no
9080 711 920



Removal van hinge

maintenance-free design

Material profiled steel
 Surface galvanised

Version	Fig.	Order no
with holes for screw attachment	1	9081 117 180
with holes for screw attachment, one side shortened	2	9081 117 200
with holes for screw attachment, both side shortened	3	9081 117 220

Hinge

Width 75 mm
 Length 50 mm
 Thickness 2 mm

Hole \varnothing 4.5 mm
 Material steel
 Surface galvanised

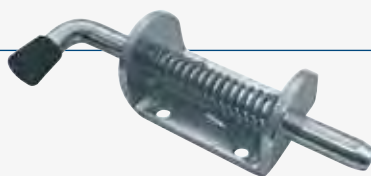


Order no
9802 105 040

Spring locking bolt with bolt-on plate

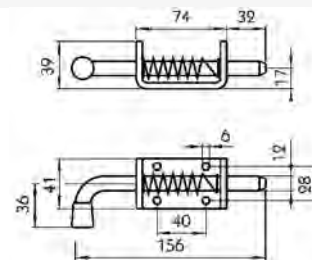
Length 156 mm

Material Niosta



Order no

9080 710 640



Spring locking bolt with latching

Application range
for weld attachment

Type	Bolt-∅	Stroke	Order no
S 814 N	8 mm	14 mm	9081 023 300
S 1010 N	10 mm	10 mm	9081 023 310
S 1014 N	10 mm	14 mm	9802 834 000

Type	Bolt-∅	Stroke	Order no
S 1214 N	12 mm	14 mm	9081 023 330
S 1514 N	15 mm	14 mm	9081 023 340



Spring locking bolt with latching

outer casing with M20 x 1,5 thread

Type SG 1014
Length 72 mm
Surface galvanised

Scope of supply
2 lock nuts DIN 936



Order no

9081 027 170

Spring locking bolt

Type 1333
Length 159 mm
Surface galvanised



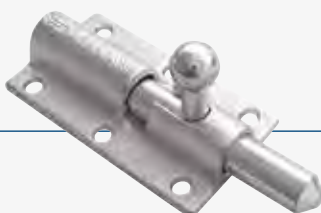
Order no

9081 024 240

Spring locking bolt with ball handle

when open, the locking bolt projects about 15 mm out of the housing

Type 740
Version for screw attachment
Installation side left/right
Surface galvanised



Order no

9081 019 870

Door catch

Material plastic



Order no

9080 631 800

Door catch

Depth 35 mm ∅ 40 mm

Scope of supply
complete, with rubber clamping body and plastic ball spigot

Order no

9086 318 650





EURO PART

Door catch

Length 103 mm Material Nirosta

Version	Order no
2-piece	9088 071 458



EURO PART

Door catch

Version extendible and rotatable
Surface galvanised
280 mm extendable

Order no
6800 154 020



Door catch

Version with protective rubber plugs
Installation side left/right
Overall length 480 mm
Stroke 260 mm
Material steel
Surface galvanised

Order no
9370 660 010



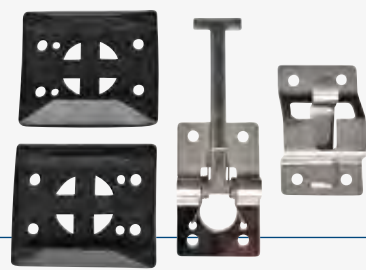
EURO PART

Door catch

Version can be pulled out and folded, with compression spring
Surface galvanised
door stop arm 370 mm long and 320 mm extendable

Application range
especially suitable for box trucks with rear double doors and side doors

Order no
9081 315 170



Door catch

Material Nirosta

Scope of supply
1 x hook section, 1 x retaining section, 2 x plastic underlays

Order no
9081 319 500



Door catch

stainless steel pressure spring in an aluminium profiled housing, rubber handle
Stroke 230 mm

Order no
4245 806 414



Door catch

Order no	Comparative no
9080 500 590	Schmitz 491243



Door catch

Length 600 mm

Order no	Comparative no
8000 816 540	Krone 505816540

Door catch

Material Stainless steel

Length incl. handle: 600 mm

Application range
for refrigerated bodies

Order no	Comparative no
4240 007 030	Krone 733107030



Door buffer

for door stop

Material rubber

Height	∅	Order no
25 mm	30 mm	9081 018 250
35 mm	40 mm	9081 018 280
50 mm	40 mm	9081 018 300



Bonnet holder set

universal use

Version with hookup and bracket

Length 125 mm

Height 35 mm

Material rubber

Order no
9081 013 960

Accessories

Description	Order no
Hood bracket	9081 018 150



Hood bracket

Version with hookup and bracket

Length 66 mm

Width 40 mm

Height 25 mm

Bore hole 4,5/5,4 mm

Distance betw. holes 13 mm

Order no
2300 008 650





Hydraulic pump

Rate of delivery 2,5 cm³/stroke
 Connection star

Application range
 Zepro/Mammut lift

Order no	Comparative no
8002 014 364	Haco 2014364H Zepro/Mammut lift 32204



Foot-operated switch

Application range
 MBB Palfinger

Order no	Comparative no
8004 513 452	Haco 4513452H



Manual operation for tail lift

Scope of supply
 Including microphone holder, cable and plug

This figure corresponds to 9039 502 931

Version	Order no	Comparative no	Version	Order no	Comparative no
with 2 buttons	9039 502 945	Haco 4506331H	with 3 buttons	9039 502 941	Haco 4508001H
with 2 buttons	9039 502 940	Haco 4508000H	with 3 buttons	9039 502 936	Haco 4514410H
with 2 buttons	9039 502 935	Haco 4514409H	with 3 buttons	9039 502 937	Haco 4525002H
with 2 buttons	9039 502 930	Haco 4552783H	with 3 buttons	9039 502 931	Haco 4552784H

Accessories

Description	Order no	Comparative no
Housing for manual operation, with two buttons	9039 502 950	Haco 4552780H
Housing for manual operation, with 3 buttons	9039 502 952	Haco 4552770H



Contact element for manual operation

Application range
 tail lift

This figure corresponds to 9039 502 955

Suitable for	Version	Order no
Haco 4552800H	NO = normally open	9039 502 955
Haco 4552801H	NC = normally closed	9039 502 956



Manual operation

for manual operation of hoisting platform

Version with 2 buttons, solenoid, 2 x 2NO, without cable and connector

Order no	Comparative no
8004 502 872	Haco 4502872H



Remote control

Version with 3 buttons

Switch function Raising, lowering, opening and closing the tail lift

Order no	Comparative no
9039 450 500	Haco 4505001H



Relay

Voltage 24 V
Electric current 300 A

Order no	Comparative no
9039 501 129	Haco 4501129H



Relay

Voltage 24 V
Electric current 200 A

Application range Zepro

Order no	Comparative no
9039 501 226	Haco 4501226H Zepro 32536TL Zepro 32798TL



LED hazard warning light

Voltage 12/24 V

Application range Bear Cargolift

Order no	Comparative no
9039 519 000	Haco 5519001H



LED hazard warning light set

Voltage 12/24 V

Application range

Dhollandia, MBB-Palfinger, Sørensen, Algemeen

Order no	Comparative no
9039 502 200	Haco 5502200H Dhollandia E0283.S Dhollandia E0115 Dhollandia E0280 Dhollandia E0700 Sørensen 20907241 Sørensen 20907242 Sørensen 20909470 Sørensen 20909471



Solenoid valve

Version single locked
Voltage 24 V
∅ 15 mm

Application range

AMA, Dautel, Mariba, MBB-Palfinger

Order no	Comparative no
8002 501 503	AMA 132082 Dautel 67232 MBB-Palfinger 67282353



Electric motor for loading tailgate

Connection female
Voltage 24 V
Power 2 kW

Application range

AMA, Dautel, Dhollandia, Mariba, Zepro/Mammut lift

Order no	Comparative no
8002 001 178	Haco 2001178H Haco 2001178H AMA 122205 Dautel 6734 Dhollandia MP025 Zepro/Mammut lift 21242



Block fuse

Order no	Comparative no
9039 002 504	Haco 5502504H



Solenoid

Application range
Dhollandia

Order no	Comparative no
8002 552 240	Haco 2552240H Dhollandia E0240



Bellows

Version UV and ozone resistant
∅ 70 mm

Application range

Bär Cargolift, Dhollandia, MBB-Palfinger

Order no	Comparative no
8001 051 029	Haco 1051029H Bär Cargolift 01.109669 Dhollandia M4929 MBB-Palfinger 6872454



End rubber

Version UV and ozone resistant

Application range

Dhollandia

Type	Order no	Comparative no
new type	9039 051 304	Haco 4051304H Dhollandia M3010
Old type	8004 051 416	Haco 4051416H Dhollandia M0416



Castor

Inner \varnothing 35 mm
Material POM (Delrin)

Application range
Dhollandia

Order no	Comparative no
8004 051 342	Haco 4051342H Dhollandia M1999.36



Cover

for genset box

Dimensions 400 x 180 mm

Application range
Dhollandia (2010-)

Order no	Comparative no
9039 051 326	Haco 4051326H Dhollandia M3058



Panel

for roll-off protection

Application range
Bär Cargolift

Order no	Comparative no
9039 197 540	Haco 4019754H Bär Cargolift 101125140 Bär Cargolift 01.125140



Insulating nut

Application range
Bär Cargolift, Zepro, universal

Order no	Comparative no
9039 550 249	Haco 5502499H Bär Cargolift 101116577 Bär Cargolift 01.116577 Zepro 53502TL

HACO Tail lift parts



European market leader in the field of replacement parts for all brands of tail lifts.

Quality is of great importance to us.

When you see the Haco logo, you know that you are buying quality, quality that we stand for and that is very important to us.

Ensuring the reliability of HACO parts has been our priority for years. We understand that time is precious, and your tail lift should operate flawlessly. That's why we established our dedicated Haco Technology Centre (HTC) within our operations. Within this department, our experienced tail lift specialists consistently uphold the quality of HACO parts. Their expertise goes beyond just ensuring quality; they also rigorously test the durability and functionality of HACO parts.

A selection from our range.



PLATFORM ROLLER
Ø 100/30-50 mm
• Suitable for: Bär Cargolift

Product no. 4019957H



MOTOR 2,0 kW, 24V
MALE CLOCKWISE
• Suitable for: Dautel, Anteo, Ratcliff Palfinger, Behrens Eurolift, MBB-Palfinger

Product no. 2008702H



LIFTCYLINDER Ø 70-285
• Suitable for: Bär Cargolift

Product no. 1019559H



FOOTBUTTON
• Suitable for: MBB-Palfinger

Product no. 4513452H



PLATFORM ROLLER SET
Ø 36 mm
• Suitable for: MBB-Palfinger

Product no. 3008055H



HOSE KIT S4
• Suitable for: Bär Cargolift

Product no. 3519018H



+31 55 5330510



info@haco-parts.com



www.haco-parts.com

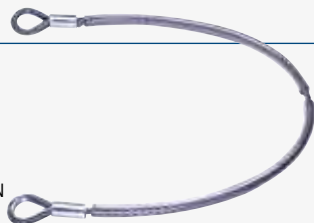
Dumper rope

DIN 6899, galvanised

cable eye stiffener A 12 at both ends

Minimum breaking force approx. 13730 N
 \varnothing 13 mm

Application range
 for 26 mm pin diameter



Nominal length	Order no
1050 mm	9081 511 660
1200 mm	9081 511 670
1250 mm	9081 511 300

Dumper rope

DIN 6899, galvanised

cable eye stiffener A 15 at both ends

Minimum breaking force approx. 21960 N
 \varnothing 16 mm

Application range
 for 32 mm pin diameter



Nominal length	Order no
1200 mm	9081 511 350
1300 mm	9081 511 720
1400 mm	9081 511 730

6

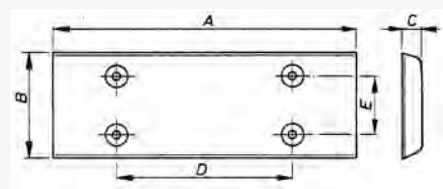
Rubber coating for tipping bodies

Hardness 80° Shore
 Length 255 mm
 Width 90 mm
 Thickness 15 mm



Order no

9081 410 740



Tipper support

Version	iron reinforced, for screw attachment	B	90 mm
		C	20 mm
Number of holes	4	D	150 mm
Hole \varnothing	9 mm	E	50 mm
A	260 mm		

Order no

9082 075 720



Rocking ball bearing

Type 3001, with noise damping

Surface untreated

Bore hole \varnothing	Order no
24/24 mm	9081 412 670
25/22 mm	9081 412 680

Accessories

Description	Order no
Vulkollan roller	9081 412 720
Durethan cup, with attaching bolt	9081 412 710

Rubber bearing

for all tipping variants

Installation of the Polyp anti-rattle device provides flexible support to the tipping body. At the same time, it also acts as a holding-down device. 2 or 4 anti-rattle devices will be required depending on the size of the vehicle.

\varnothing	106 mm	Thread	M16
Height	116 mm	Surface	untreated

Order no

9081 410 470

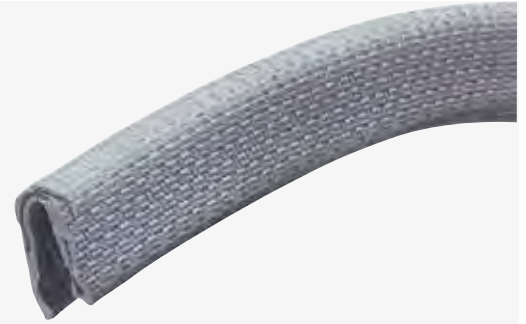




Edge protection profile

Version flexible, with embedded steel framework band
 Colour black
 Material PVC

Clamping range	Order no
1 mm	9080 109 160
1-2 mm	9804 610 028

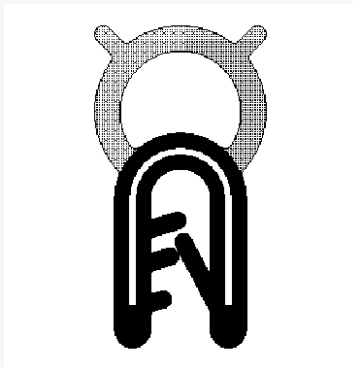


Edge protection profile

Width 10,5 mm
 Height 14 mm
 Clamping range 1-4 mm

sold by the meter

Colour	Order no
grey	9802 109 240
black	9802 109 330



Edge protection profile

Version with seal
 Width 10,2 mm
 Height 20,5 mm
 Colour black

sold by the meter

Order no
9081 117 010



PVC seal

Version foam rubber seal glued with edge protection profile
 Width 19,4 mm
 Height 14,5 mm
 Clamping range 1-4 mm
 Colour black

sold by the meter

Order no
9080 010 937



Impact buffer

This figure corresponds to 9084 600 083

Length	Width	Height	Order no
125 mm	40 mm	45 mm	9084 600 083
164 mm	124,5 mm	61 mm	9084 600 080
165 mm	96 mm	79 mm	9084 600 090
167 mm	127,5 mm	78 mm	9084 600 077
180 mm	125 mm	74 mm	9084 600 088
200 mm	52 mm	60 mm	9084 600 078
200 mm	52 mm	80 mm	9084 600 081
200 mm	150 mm	80 mm	9084 600 079
250 mm	80 mm	100 mm	9084 600 091

Length	Width	Height	Order no
250 mm	105 mm	133 mm	9084 600 089
302 mm	55 mm	25 mm	9080 010 182
315 mm	35 mm	60 mm	9084 600 086
321 mm	100 mm	97 mm	9080 010 183
360 mm	98 mm	97 mm	9084 600 084
374 mm	65 mm	68 mm	9084 600 087
400 mm	52 mm	60 mm	9084 600 082
400 mm	52 mm	80 mm	9084 600 085
528 mm	59 mm	35 mm	9086 000 100



Impact buffer suitable for Kögel

This figure corresponds to 9080 101 646

Width	Height	Depth	Order no
35 mm	235 mm	60 mm	9080 609 765
70 mm	213 mm	80 mm	9080 611 087
85 mm	150 mm	65 mm	9080 417 006
90 mm	325 mm	60 mm	9080 609 766

Width	Height	Depth	Order no
105 mm	160 mm	85 mm	9080 101 646
150 mm	200 mm	120 mm	9080 602 467
241 mm	92 mm	80 mm	9080 950 309

Impact buffer

Version rubber aggregate vulcanised onto metal plate
 Height 35 mm
 Ø 30/38 mm
 Threaded bolt M10 x 27

Application range
 especially suitable as bump stop for drop sides, ideal as ramp protection

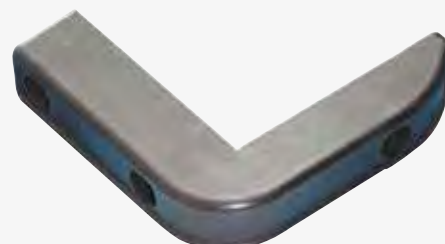


Order no
9080 000 252

Impact buffer

Length 195/205 mm Height 48 mm
 Width 40/50 mm Fastening 3 holes

Application range
 especially suitable as bump stop for drop sides, ideal as ramp protection



Order no
9086 013 610



Rubber pulley for roller ramming buffers

∅ 100 mm

Width	Order no
65 mm	9080 950 254
80 mm	9080 950 250
130 mm	9080 050 255



Roller ramp bumper with 1 roller

Length	136 mm	Roll ∅	100 mm
Height	116 mm	Fastening	horizontal
Depth	68 mm	Material	steel base
Roller length	80 mm	Surface	hot-galvanised

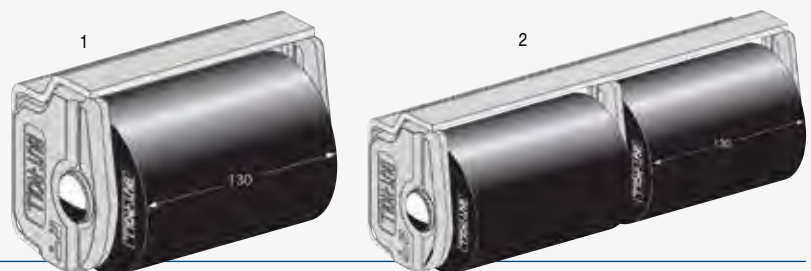
Order no
9083 950 249



Roller ramp bumper

Height	121,5 mm	Fastening	horizontal
Depth	68 mm	Material	steel base
Roller length	130 mm	Surface	hot-galvanised
Roll ∅	100 mm		

Version	Overall length	Fig.	Order no
with 1 roller	171 mm	1	9083 950 255
with 2 rollers	320,5 mm	2	9083 950 256



Roller ramp bumper with 2 rollers

spring-supported roller, side-by-side in robust steel housing, M12 bolt holes, rolling compensation for movements

Roller length	222 mm	Depth	95 mm
Overall length	234 mm	Fastening	horizontal
Height	92 mm	Surface	steel parts galvanised

Order no
9081 027 540



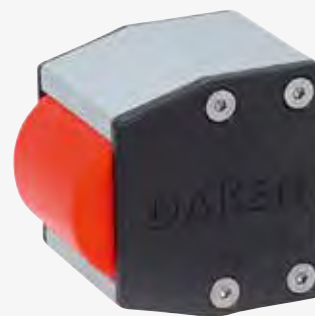
DAKEN®
evolving ideas

Roller ramp bumper

Height 90 mm
Depth 93 mm

tested for wear and compression

Length	Order no
75 mm	9080 083 160
140 mm	9080 083 170
205 mm	9080 083 180



6

Impact buffer profile

with hollow chamber in delta shape

Width 110 mm
Height 92 mm
Rod length 2600 mm
Material rubber

Application range

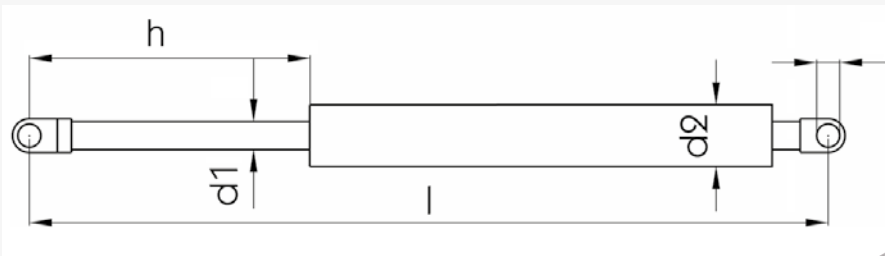
impact and skirting protection for vehicle bodies of all kinds

Order no
9081 024 170



Your number 1
in Europe!



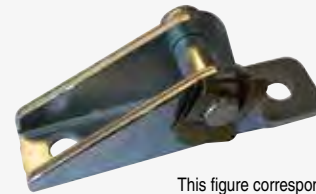


Gas spring for hatch operation

cylinder and piston rod ends in the form of eyes and chrome-plated piston rod

Version with welded-on eyes
Hole \varnothing 8 mm

Spring force	h	l	d ₁	d ₂	Order no
250 N	200 mm	500 mm	10 mm	22 mm	9081 411 750
250 N	250 mm	650 mm	10 mm	22 mm	9081 411 810
500 N	200 mm	505 mm	10 mm	22 mm	9081 411 760
750 N	200 mm	505 mm	10 mm	22 mm	9081 411 770
750 N	250 mm	650 mm	10 mm	22 mm	9081 411 830
1000 N	200 mm	500 mm	10 mm	22 mm	9081 411 780
1000 N	250 mm	650 mm	10 mm	22 mm	9081 411 840
1000 N	300 mm	750 mm	14 mm	28 mm	9081 411 860



This figure corresponds to 9086 051 600

Accessories

Description	Order no
Base shoe, small, with pivot	9086 051 600
Base shoe, large, with pivot	9086 051 620

ST-1



ST-2



**EURO
PART**

Gas spring

Type	Spring force	Length	Stroke	Order no
ST-1	500 N	485 mm	200 mm	4440 512 015
ST-1	500 N	585 mm	250 mm	4440 512 017
ST-1	500 N	685 mm	300 mm	4440 512 018
ST-2	500 N	300,5 mm	100 mm	4440 512 001
ST-2	500 N	504,5 mm	200 mm	4440 512 004
ST-2	750 N	504,5 mm	200 mm	4440 512 005
ST-2	1500 N	749,5 mm	300 mm	4440 512 011



STABILUS

Gas spring

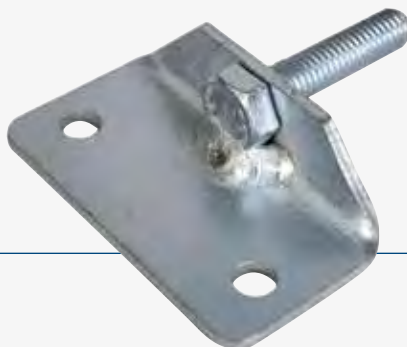
Order no	Comparative no
2881 005 611	Schmitz 1071691



Gas spring
for seat adjustment

Spring force 700 N
Length 205,5 mm
Stroke 60 mm

Suitable for	Order no	Comparative no
Edscha	4440 512 021	Stabilus 084034



Angled bracket
for gas spring

Version support pin with bolt-on plate
Material steel
Surface galvanised

Order no
9081 412 010



Hazardous goods slip

Material Magnetic foil

Version	Class	250 x 250 mm	300 x 300 mm
Explosive	1 - Model 01	9650 000 750	9650 000 001
Mass explosive articles	1.1	9650 000 749	9650 000 816
Explosive Subclass 1.4	1.4		9650 000 014
Flammable, end-flammable liquid substances/gases	2.1	9650 000 751	9650 000 817
Non-flammable and toxic gas	2.2	9650 000 752	9650 000 818
Combustible, flammable liquids	3	9650 000 753	9651 000 340
Combustible, flammable substances	4.1	9650 000 754	9652 060 333
Liable to spontaneous combustion	4.2	9650 000 755	9650 000 625
Emits flammable gases in contact with water	4.3	9650 000 856	9651 000 341
Flammable substance	5.1	9650 000 756	9650 000 819
Flammable substance	5.2	9650 000 757	9650 000 820
Toxic	6.1	9650 000 758	9650 061 010
Infectious substances	6.2	9650 000 759	9650 000 620
Radioactive material with the hazards specified under 7A, 7B, 7C, yellow	7D	9650 000 760	9650 061 011
Corrosive substances	8	9650 000 761	9652 061 733
Miscellaneous dangerous substances and items	9	9650 296 170	9650 000 910
Environmentally hazardous substances	9 UG	9650 100 031	9651 000 342
Thermometer		9650 000 762	9650 000 821
LQ - Limited Quantity		9650 000 349	9650 000 822

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Material self-adhesive film

Version	Class	100 x 100 mm	250 x 250 mm	300 x 300 mm
Explosives	1	9650 000 640	9650 300 040	9563 003 001
Mass explosive articles	1.1	9650 000 736	9650 000 741	9650 000 808
Explosives division 1.4	1.4		9650 000 342	9650 021 000
Combustible, flammable liquids/gases	2.1	9650 000 650	9650 300 053	9659 000 050
Non-flammable and toxic gas	2.2	9650 000 737	9650 000 742	9650 000 510
Combustible, flammable liquids	3	9652 060 201	9650 000 340	9650 206 020
Combustible, flammable substances	4.1	9652 060 301	9652 060 321	9650 206 030
Self-igniting	4.2	9650 000 738	9650 300 045	9650 206 040
Oxidising agents	5.1	9650 000 630	9650 000 341	9650 000 513
Self-reactive substance	5.2	9650 000 645	9650 300 047	9650 206 060
Toxic	6.1	9652 060 701	9650 300 048	9650 206 070
Infectious substances	6.2	9650 000 635	9650 300 057	9650 206 190
Radioactive material with the hazards specified under 7A, 7B, 7C, yellow	7D	9650 000 739	9650 000 743	9650 000 809
Corrosive substances	8	9652 061 701	9650 300 054	9650 206 090
Miscellaneous dangerous substances and items	9	9652 061 801	9652 060 022	9650 206 180
Environmentally hazardous substances	9 UG	9659 000 030	1269 000 409	9590 000 509
Thermometer		9650 000 740	9659 000 060	9650 000 810
LQ - Limited Quantity		9650 000 343	9650 000 346	9650 000 811

Material Sheet steel

Version	Class	250 x 250 mm	300 x 300 mm
Explosive	1	9650 000 779	9650 000 829
Mass explosive articles	1.1	9650 000 778	9650 000 828
Flammable, combustible liquid substances/gases	2.1	9651 000 301	9650 000 830
Non-flammable and toxic gas	2.2	9650 000 780	9650 000 831
Flammable, combustible liquid substances	3	9650 000 781	9650 000 832
Flammable, combustible substances	4.1	9650 000 782	9650 000 833
Self-igniting	4.2	9650 000 783	9650 000 834
Flammable substance	5.1	9650 000 784	9650 000 835
Flammable substance	5.2	9650 000 785	9650 000 836
Toxic	6.1	9650 000 786	9650 000 837
Contagious	6.2	9650 000 787	9650 000 838
Radioactive material with the hazards specified under 7A, 7B, 7C, yellow	7D	9650 000 788	9650 000 839
Corrosive substances	8	9650 000 789	9651 000 338
Various fabrics and objects	9	9650 000 790	9650 000 840
Environmentally hazardous substances	9 UG	9651 000 300	9651 000 333
LQ - Limited Quantity		9650 000 347	9650 000 842
Thermometer		9650 000 791	9650 000 841

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Material Aluminium

Version	Class	250 x 250 mm	250 x 250 mm	300 x 300 mm	300 x 300 mm
		Thickness 1 mm	Thickness 2 mm	Thickness 1 mm	Thickness 2 mm
Mass explosive articles	1.1	9650 000 792	9650 000 763	9650 000 843	9650 000 823
Explosive	1 - Model 01	9650 000 793	9650 000 764	9650 000 844	9652 060 000
Flammable, end-flammable liquid substances/gases	2.1	9650 000 794	9650 000 765	9650 000 845	9650 000 824
Non-flammable and toxic gas	2.2	9650 000 795	9650 000 766	9650 000 846	9650 000 825
Flammable, combustible liquid substances	3	9650 000 796	9650 000 767	9650 000 847	9650 602 000
Flammable, combustible substances	4.1	9650 000 797	9650 000 768	9650 000 848	9650 603 000
Self-igniting	4.2	9650 000 798	9650 000 769	9650 000 849	9650 604 000
Flammable substance	5.1	9650 000 799	9650 000 770	9650 000 850	9650 000 052
Flammable substance	5.2	9650 000 800	9650 000 771	9650 000 851	9659 003 191
Toxic	6.1	9650 000 801	9650 000 772	9650 000 852	9650 607 000
Contagious	6.2	9650 000 802	9650 000 773	9650 000 853	9650 602 010
Radioactive material with the hazards specified under 7A, 7B, 7C, yellow	7D	9650 000 803	9650 000 774	9650 000 854	9650 000 826
Corrosive substances	8	9650 000 804	9651 000 570	9650 000 855	9650 609 000
Various fabrics and objects	9	9650 000 805	9651 000 571	9650 000 856	9650 206 182
Thermometer		9650 000 806	9650 000 775	9650 000 857	9650 000 827
EHS Environment		9650 000 807	9650 000 776	9650 000 858	1316 000 560
LQ - Limited Quantity		9650 000 344	9650 000 777	9661 000 760	9659 003 193

Material plastic
Thickness 2 mm

Version	Class	250 x 250 mm	300 x 300 mm
Explosives	1 - Model 01	9650 000 320	1260 003 501
Mass explosive articles	1.1	9650 000 744	9659 003 194
Explosives division 1.4	1.4	9650 000 330	9652 060 014
Explosives division 1.5	1.5	9650 000 331	9652 060 315
Explosives division 1.6	1.6	9650 000 332	9652 060 316
Combustible, flammable liquids/gases	2.1	9650 000 334	9650 632 000
Non-flammable and poisonous gas	2.2	9650 000 335	9650 000 812
Combustible, flammable liquids	3	9650 000 345	9652 060 200
Combustible, flammable substances	4.1	9650 000 350	9652 060 300
Liable to spontaneous combustion	4.2	9650 000 360	9652 060 400
Emits flammable gases in contact with water	4.3	9650 000 370	9652 060 500
Flammable substance	5.1	9650 000 745	9652 060 600
Flammable substance	5.2	9650 000 746	9652 060 601
Toxic	6.1	9650 000 390	9652 061 100
Contagious	6.2	9650 000 747	9650 000 813
Radioactive material in category I containers, white	7A	9650 000 410	9652 061 000
Radioactive material in category II containers, yellow	7B	9650 000 420	9659 003 195
Radioactive material in category III containers, yellow	7C	9650 000 430	9659 003 196
Radioactive substance with the hazards stated under class 7A, 7B and 7C, yellow	7D	9650 000 440	1261 000 350
Corrosive substances	8	9650 000 450	9652 061 732
Miscellaneous dangerous substances and items	9	9650 000 460	9650 640 000
Environmentally hazardous substances	9 UG	9651 000 320	9650 003 509
Thermometer		9650 000 748	9650 000 814
LQ - Limited Quantity		9650 000 348	9650 000 815

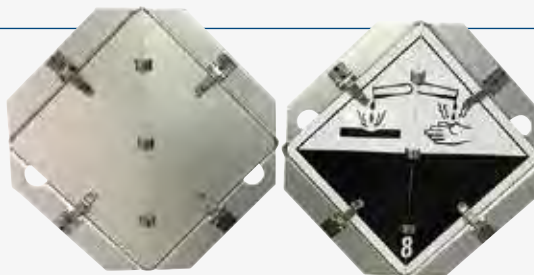
Exchange system for hazard labels

Length 250 mm
Width 250 mm
Material aluminium

Scope of supply

with 8 hazard labels:

- hazardous goods class 3 - flammable liquid
- hazardous goods class 4.1 - flammable solid
- hazardous goods class 5.1 - oxidising substance
- hazardous goods class 6.1 - poisonous substance
- hazardous goods class 8 - caustic substance
- hazardous goods class 9 - various environmentally damaging substances
- label for tankers (hazard to bodies of water/drains)
- label for tankers with heated goods



Order no

8913 182 800

Accessories

Description	Order no
Bracket set, flat steel, with 3 holes, Hole \varnothing 9 mm, 400 x 300 mm, 1 mm	9650 205 900
Bag for accompanying documents	9650 205 930
Universal cover, fireproof, 400 x 300 mm	8913 000 500

Clip-on frame for danger labels

Version with a clip

Width	Height	Thickness	Material	Order no
250 mm	250 mm	0,8 mm	stainless steel	9650 206 525
250 mm	250 mm	1 mm	Sheet steel	9650 206 524
300 mm	300 mm	0,8 mm	Stainless steel	9650 206 519
300 mm	300 mm	1 mm	sheet steel	9650 206 520



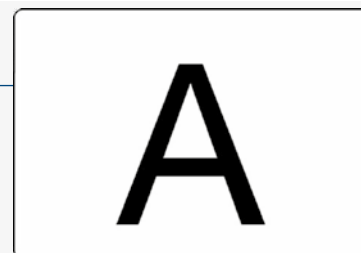
This figure corresponds to 9650 206 524

Warning panel

Waste

retro-reflective type I

Colour white
Width 400 mm
Height 300 mm



This figure corresponds to 9650 205 050

Material	Version	Order no
Aluminium	Horizontally foldable, without edge protection, twist lock in the middle	9650 205 080
Aluminium	Horizontally foldable, with edge protection, twist lock in the middle	9650 205 090
Aluminium	rigid, with edge protection	9656 111 102
magnetic foil	fixed	9651 900 020
self-adhesive film		9650 205 051
sheet steel	rigid, with edge protection	9650 205 050
sheet steel	Vertically foldable, with edge protection, twist lock on top	9650 205 059



Warning panel

Waste

Version vertically foldable
 Width 300 mm
 Height 400 mm



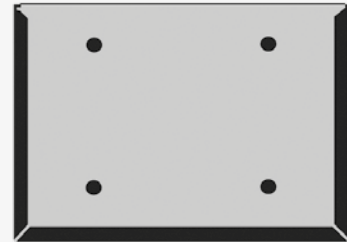
Order no

9500 050 162

Clip-on frame

for dangerous goods warning signs according to GGVSEB/ADR

Material Stainless steel
 Width 400 mm
 Height 300 mm
 Thickness 0,8 mm



Version	Order no
	9650 205 752
with 2 clips	9650 205 751

9650 205 752

with 2 clips

9650 205 751

Number panel

with two mounted stirrups and all-round edge protection

Suitable for Digits 117x70x0,5 mm
 Material sheet steel



This figure corresponds to 8913 309 603

Version	Order no
hinged, without number set	8913 309 603
rigid, without digit set	8913 309 903

8913 309 603

8913 309 903

Accessories

Description	Order no
Numeral set, 27-piece, sheet steel, 117 mm x 70 mm x 0,5 mm, with pouch	9650 205 410

9650 205 410



Number panel

Suitable for figures 135 x 93,5 x 0,5 mm
 Material stainless steel

in accordance with ADR



This figure corresponds to 9650 035 101

Version	Order no
with fixed mounting plate on the reverse	9650 035 100
replaceable, with four countersunk longitudinal holes instead of mounting plate on the reverse	9650 035 101

9650 035 100

9650 035 101

Accessories

Description	Order no
Numeral set, 27-piece, stainless steel, 135 x 93,5 mm, with pocket	9650 035 128

9650 035 128



Single substance warning panel

retro-reflective type I

Version rigid, with edge protection
 Colour orange/black
 Material sheet steel
 Width 400 mm
 Height 300 mm

in accordance with GGVSEB/ADR

Hazard number	Order no
30/1202	9650 205 200
23/1965	9650 231 965
33/1203	9650 331 203
22/2187	8912 222 187



This figure corresponds to 9650 205 200

Single substance warning panel

Version rigid
 Colour orange/black
 Material Sheet steel
 Width 400 mm
 Height 300 mm

Hazard number	Order no
33/1263	9500 331 263
40/3175	9500 403 175



Two substances rotating panel

retro-reflective type I

Version rigid, with edge protection
 Colour orange/black
 Material sheet steel
 Width 400 mm
 Height 300 mm

according to GGVSEB/ADR

Hazard number	Order no
30/1202, 33/1203	9650 205 340



Warning panel

Version vertically foldable, with edge protection
 Colour orange
 Material Aluminium
 Width 400 mm
 Height 300 mm

according to GGVSEB/ADR

Order no
9500 501 602





Warning panel

Colour orange

in accordance with GGVSEB/ADR

This figure corresponds to 9650 205 130

Version	Material	Width	Height	Order no
folds horizontally, with edge protection	sheet steel	400 mm	300 mm	9650 205 112
folds vertically, rotating swivel at top, with edge protection	sheet steel	400 mm	300 mm	9650 006 002
rigid, with black edge without edge protection	Magnetic foil	300 mm	120 mm	9650 120 512
rigid, with black edge without edge protection	magnetic foil	400 mm	300 mm	9651 205 100
rigid, with black edge without edge protection	self-adhesive film	400 mm	300 mm	9650 205 105
rigid, with edge protection	sheet steel	400 mm	300 mm	9650 205 135
rigid, with holder and edge protection	sheet steel	400 mm	300 mm	9650 205 100
rigid, without edge protection	Aluminium	400 mm	300 mm	9650 205 770
Vertically foldable, with black edge and edge protector	Aluminium	300 mm	120 mm	9650 205 130

Accessories

Description	Order no
Bracket set, flat steel, with 3 holes, Hole \varnothing 9 mm, 400 x 300 mm, 1 mm	9650 205 900
Screw closure, for folding warning panels, brass, nickel-plated	9650 204 515



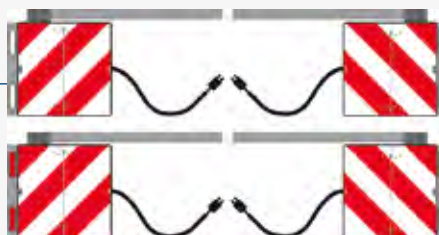
Wide load panel

retro-reflective type I

in accordance with § 22.2 StVO, VwV § 29 VI 5c StVO,
in accordance with § 51c, § 72 StVZO (German Rules of the Road), DIN 11030

This figure corresponds to 9650 204 550

Version	Type	Material	Height	Width	Order no
fixed	left/right facing	magnetic film	423 mm	423 mm	9652 700 710
fixed	left/right facing	self-adhesive film	423 mm	423 mm	9650 204 522
Horizontally foldable, with edge protection	indicating left	sheet steel	423 mm	423 mm	9650 204 512
Horizontally foldable, with edge protection	indicating right	sheet steel	423 mm	423 mm	9650 204 511
rigid, with edge protection	Vertical right pointing/horizontal left pointing	sheet steel	282 mm	564 mm	9650 204 550
rigid, with edge protection	vertically left pointing/horizontally right pointing	sheet steel	282 mm	564 mm	9650 204 551
rigid, with edge protection	left/right facing	sheet steel	423 mm	423 mm	9650 204 521



Wide load panel

4 piece

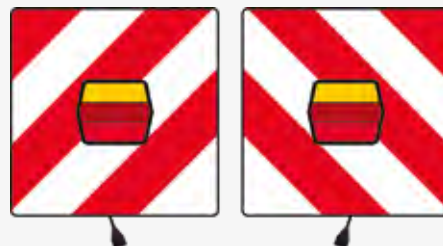
Version foldable, with LED lighting
 Number of poles 2
 Length 860 mm
 Standard DIN 30710

Order no
9650 076 900

Wide load panel with LED tail light

Form A
 Voltage 12 V
 Dimensions 423 x 423 mm
 Material Sheet steel

Application range
 Agricultural vehicles



Installation location	Description	Order no
front	Insert with 2 chamber LED	9650 519 150
rear	Insert with 3 chamber LED	9650 519 000



Warning panel with LED rear lights

Warning signs with LED rear light (daylight, brake light and indicator), LED with resistor and indicator failure check (BAK) electronically integrated on one side, cable system: Y-cable with 7-pin plug and bayonet connections, also contra bayonet connections and LED light

Voltage 12 V
 Cable length 7 m
 Material Steel
 Standard DIN 11030
 Width 423 mm
 Height 423 mm
 Thickness 1 mm

Application range
 Agricultural vehicles

Scope of supply
 2 warning signs with cable kit

Order no
8915 080 700



Warning flag set for tail lift

Version left and right attachment
 Width 260 mm
 Height 400 mm
 Material PVC

Scope of supply
 with aluminium holder



Order no
1261 700 034



Warning flag set

Application range

AMA, Dhollandia, MBB-Palfinger

Scope of supply

2 x warning flags, 2 x aluminium holders

CE-approved



Order no

8006 003 456



Warning flag for tail lift

Width 260 mm

Height 400 mm

Material PVC

Scope of supply

with aluminium holder

Version	Order no
left attachment	9651 700 022
right attachment	9651 700 032

Accessories

Description	Order no
Replacement holder for warning flag	1261 700 035



This figure corresponds to 9651 700 022



Warning markings

retroreflective type II

Colour white/red

Material Self-adhesive film

according to § 35 StVO, § 52 StVZO and DIN 30710

Version	Length	Width	Order no
pointing left	45,7 m	141 mm	9659 110 057
legal	45,7 m	141 mm	9659 110 037
pointing left	9 m	141 mm	9659 110 045
legal	9 m	141 mm	9659 110 025
pointing left	9 m	282 mm	9650 007 366
legal	9 m	282 mm	9650 017 366



Warning markings

Material SK film
Length 50 m

Version	Width	Order no
horizontal left facing	141 mm	9650 518 500
horizontal right facing	141 mm	9650 518 501
Horizontal left repellent	282 mm	9650 518 600
horizontal right facing	282 mm	9650 518 601



Warning marker set

Reflective prismatic RA2-Aubau C - Oralite 5921M, one roll left-turning, one roll right-turning

Material Self-adhesive film
Length 10 m
Width 141 mm
Standard DIN 30710, VO (EU) 215/2018, ECE-R48-03, ECE-R86-01

Application range

For painted and unpainted parts

with ECE mark



Order no

9655 185 100

Rear marking

yellow = type 3 prismatic foil, red = reflective type 1

Standard ECE 70-01-RR
Colour amber/red

Application range

Trailer

This figure corresponds to 9650 514 400



Version	Scope of supply	Material	Width x depth	Order no
Full marking		Aluminium	1132 x 197 mm	9650 575 684
Full marking		Self-adhesive film	1132 x 200 mm	9650 575 686
Half mark	2 x half mark	Aluminium	566 x 197 mm	9650 575 784
half marking	2 x half marking	self-adhesive film	566 x 200 mm	9653 797 901
Quarter mark	4 x quarter mark	Aluminium	283 x 197 mm	9650 514 400
Quarter mark	4 x quarter mark	Self-adhesive film	283 x 200 mm	9653 379 940

Warning panel

Italian panel

retro-reflective type II, type-tested

Material aluminium
Width 500 mm
Height 500 mm
Thickness 1 mm

Application range

for identification of parts of the load that overhang lengthways



Order no

9650 000 502

Warning panel

Spain board

retroreflective type II, with homologation

Width 500 mm
 Height 500 mm
 Thickness 1,3 mm
 Material Aluminium
 Standard DIN 30710



Order no

1261 500 500

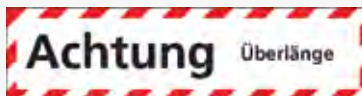
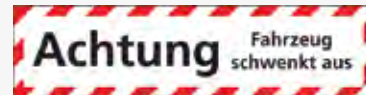
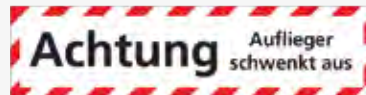
Information board

Long-Vehicle

Version rigid
 Material Aluminium plate
 Colour amber/red
 Thickness 1 mm



Width	Height	Order no
1265 mm	225 mm	9650 209 500
525 mm	250 mm	9650 209 510



Information board

Description	Material	Order no
Long truck	Aluminium	1316 000 820
Caution! Trailer swings out	self-adhesive film	9650 206 601
Caution! Vehicle swings out	self-adhesive film	9659 000 270
Caution! Trailer swings out	sheet steel	9650 206 600
Caution! Vehicle swings out	sheet steel	9650 206 620
Caution! Long vehicle	sheet steel	9659 000 273
Construction vehicle	plastic	9650 000 735
Construction vehicle	self-adhesive film	9659 000 280
Please leave 2 metres manoeuvring space	self-adhesive film	9659 000 320

Information board

Bred last

retro-reflective type I

Material Aluminium
 Thickness 2 mm



Width	Height	Order no	Width	Height	Order no
565 mm	200 mm	9653 655 600	1250 mm	400 mm	1269 000 802
900 mm	300 mm	1269 000 801	1280 mm	410 mm	1269 000 800



Information board

Scandinavia version, Varning

Material Aluminium
Dimensions 1000 x 400 mm
Thickness 2 mm

Order no


1269 000 803

6

1



2



Information board

Sweden version

Material Aluminium
Thickness 2 mm

Version	Dimensions	Fig.	Order no
Lång Load	1200 x 400 mm	1	1269 000 804
Særtransport	900 x 300 mm	2	9653 658 300

1



2



3



Information board

Denmark version

Material Aluminium
Width 300 mm
Thickness 2 mm

Version	Dimensions	Description	Fig.	Order no
Særtransport	900 x 300 mm		1	8000 006 454
25 M	566 x 197 mm	Vertically foldable	2	8126 300 250
Long load	300 x 300 mm		3	8000 003 342



This figure corresponds to 9659 000 905

Information board

France board,
Convoi Agricole

retro-reflective type II

Material sheet steel
Colour yellow/black

Description	Dimensions	Order no
Single-line	1900 x 250 mm	9659 000 905
Two lines	1200 x 400 mm	9659 000 902



This figure corresponds to 9659 000 904

Information board

France board,
Convoi Exceptionnel

retroreflective type II

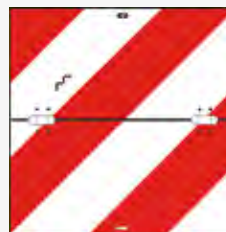
Material Aluminium
Colour yellow/black

Description	Dimensions	Order no
Single-line	1900 x 250 mm	9659 000 904
Two lines	1200 x 400 mm	9659 000 903

Parking warning sign

retro-reflective type II, fluorescent

Form A Height 423 mm
 Material sheet steel Colour white/red
 Width 423 mm



in accordance with § 17 StVO (German Rules of the Road), § 22a StVZO and TA 18b,
 in accordance with § 51c, § 72 StVZO (German Rules of the Road), DIN 11030

Version	Type	Order no
Horizontally foldable, with edge protection	indicating left	9650 204 510
Horizontally foldable, with edge protection	indicating right	9651 204 510
Horizontally foldable, without edge protection	indicating left	9650 010 700
Horizontally foldable, without edge protection	indicating right	9650 010 710

Parking warning sign

retro-reflective type II, fluorescent

Form A Thickness 2 mm
 Width 423 mm Colour white/red
 Height 423 mm



in accordance with § 17 StVO (German Rules of the Road), § 22a StVZO and TA 18b,
 in accordance with § 51c, § 72 StVZO (German Rules of the Road), DIN 11030/DIN 30710

Version	Material	Order no
rigid, with edge protection	sheet steel	9650 204 500
rigid, without edge protection	Aluminium	9650 010 690

Information board

TIR

non-reflective

Width 400 mm
 Height 250 mm



Version	Material	Order no
rigid, without edge protection	plastic	8000 000 585
rigid, with edge protection	Aluminium	9650 203 400
vertically foldable, without edge protection	Aluminium	9650 210 004
vertically foldable, with edge protection	Aluminium	9650 203 410
	self-adhesive film	9652 034 001



Reflective tape for contour marking

Length 50 m Standard ECE 104
 Width 50 mm

Application range
 Box vehicles/fixed bodies



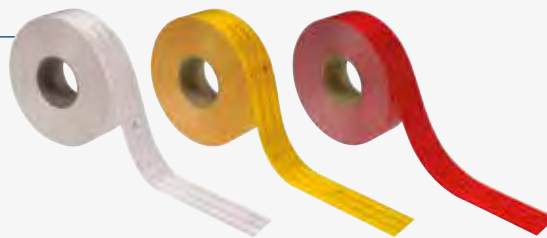
Colour	Order no	Colour	Order no	Colour	Order no
white	9500 009 610	yellow	9500 009 620	red	9500 009 630

Reflective tape

Special tape for the conspicuous marking of vehicle bodywork (van body/fixed body), to increase the passive safety on parked vehicles, type III retroreflective

Version ORALITE® VC 104+ Rigid Grade
 Width 50 mm
 Standard ECE 104, ECE 48

Application range
 box trucks/fixed bodies



Length	white	yellow	red
12,5 m	9657 200 721	9657 200 731	9657 200 751
50 m	9657 200 722	9657 200 732	9657 200 752

6

Reflective tape

Special tape for clear marking on vehicle superstructures (tarpaulins), to increase passive safety when vehicles are parked, retroreflective type III

Version ORALITE® VC 104+ Curtain Grade
 Width 50 mm
 Standard ECE 104, ECE 48

Application range
 Tarpaulin vehicles

for new tarpaulins that are not older than 3 months



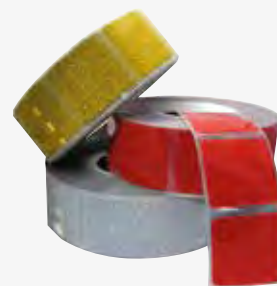
Length	white	yellow	red
12,5 m	9657 200 701	9657 200 711	9657 200 741
50 m	9657 200 702	9657 200 712	9657 200 742



Reflective tape

Version ORAFOL®, segmented
 Segment length 50 mm
 Length 50 m
 Width 50 mm
 Standard ECE 104

Application range
 Tarpaulin vehicles



Colour	Order no
white	9657 200 693
yellow	9657 200 694
red	9657 200 695



Reflective tape

Version ORAFOL®, segmented
 Segment length 160 mm
 Container roll
 Width 50 mm
 Material polyester
 Standard ECE 104

Application range
 tankers



Length	white	yellow	red
10 m	9657 200 687	9657 200 688	9657 200 689
50 m	9657 200 690	9657 200 691	9657 200 692

75 years of EUROPART – We say thank you!

*... for 75 years
of pure passion!*

What an extraordinary and exciting journey we were able to experience with suppliers, customers and employees from the end of April to the beginning of July. The tour started at the headquarters in Hagen and took us to Munich, Budapest, Wielun, Radeburg, Vockerode, Neumünster, Kolding and ended in Gothenburg.

At a total of 19 events and almost 4,500 kilometres travelled, we collected unforgettable moments and stories that will remain in our memories. We were able to enjoy many familiar faces and also new ones - for that we are simply grateful!

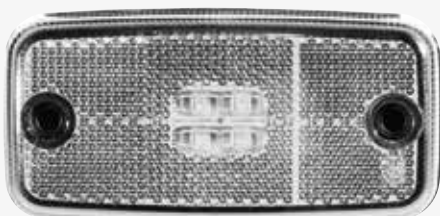
*More impressions
of our roadshow*





Lighting

Marker lights	326 – 330
Side marker lights	331 – 339
Clearance lights	340 – 349
Rear lights	350 – 371
Licence plate lights	372 – 375
Worklights	376 – 382
Reversing lights	383 – 385
Beacons	386 – 390
Interior lights	391
Reflectors	392



LED end-outline marker lamp

Version with reflector light
 Voltage 12-36 V
 Fastening 2 x Ø 5.5 mm
 Width x height x depth 110 x 54 x 16 mm
 Cable length 500 mm
 Colour clear

Approved for electromagnetic compatibility (EMC)

Order no

5129 000 003



LED end-outline marker lamp

Version with reflector
 Voltage 12-36 V
 Fastening 2 x Ø 5 mm
 Width x height x depth 130 x 32 x 14,5 mm
 Cable length 500 mm
 Colour clear

Approved for electromagnetic compatibility (EMC)

Order no

5129 000 021



LED end-outline marker lamp

Version with reflector
 Installation side left/right
 Voltage 24 V
 Width x depth 130 x 32 mm
 Distance betw. holes 116 mm
 Colour clear
 Type surface-mounting, vertical/horizontal
 Protection class IP6K9K

approved for vehicles according to ADR



Connection	Cable length	Fig.	Order no	Comparative no
2-pole EasyConn contact housing with cable	1300 mm	1	0008 645 331	HELLA 2PG 008 645-331
quick-link with clamping piece and cable	300 mm	2	0008 645 631	HELLA 2PG 008 645-631
AMP Superseal	450 mm	3	0008 645 831	HELLA 2PG 008 645-831



LED end-outline marker lamp

Flatpoint II

high light output with low power consumption, direct cable exit on the back of the light

Version	with reflector
Installation side	left/right
Connection	P+R plug
Voltage	24 V
Fastening	2 holes, 9 mm
Width x height x depth	102 x 46 x 17 mm
Distance betw. holes	85 mm
Colour	clear
Type	flush-mounting
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	8831 690 401	Aspöck 31-6904-014
1500 mm	3410 002 897	Aspöck 31-6904-034



LED end-outline marker lamp

Unipoint I

high light output with low power consumption, direct cable exit on the back of the light

Version	with reflector
Installation side	left/right
Connection	P+R plug
Voltage	24 V
Width x height x depth	119 x 44 x 18 mm
Distance betw. holes	70 mm
Colour	clear
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	8831 770 401	Aspöck 31-7704-014
1500 mm	8831 770 404	Aspöck 31-7704-034



LED end-outline marker lamp

Posipoint II

Connection	P+R plug
Voltage	12/24 V
Width x height x depth	81,4 x 24,3 x 20,5 mm
Distance betw. holes	57,5 mm
Colour	clear
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
optional mounting enclosure available
approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	9060 004 007	Aspöck 31-7104-004
3500 mm	9060 055 230	Aspöck 31-7104-024



LED end-outline marker lamp


Monopoint II

Version	flat
Installation side	left/right
Connection	P+R plug
Voltage	12/24 V
∅ x depth	38 x 29 mm
Colour	clear
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR




Order no	Comparative no
9067 552 186	Aspöck 31-6704-064




ASPÖCK SYSTEMS

LED end-outline marker lamp Monopoint II

Version	flat	Ø	38 mm
Connection	open-end cable	Colour	clear
Voltage	12/24 V	Protection class	IP69K
Height	29 mm		

approved for vehicles in accordance with ADR 


Order no	Comparative no
4500 202 081	Aspöck 31-6700-024




ASPÖCK SYSTEMS

LED end-outline marker lamp Monopoint II

Version	High	Ø x height	38 x 54 mm
Connection	P+R plug	Colour	clear
Voltage	12/24 V	Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR 


Order no	Comparative no
9066 704 107	Aspöck 31-6704-104



ASPÖCK SYSTEMS

LED end-outline marker lamp Monopoint II

Version	High	Ø x height	38 x 54 mm
Connection	open-end cable	Type	Monopoint II
Voltage	12/24 V	Protection class	IP69K

approved for vehicles according to ADR 

Order no	Comparative no
4500 202 082	Aspöck 31-6700-034




VIGNAL

End-outline marker lamp FE94

Version	with reflector	Width x height x depth	110 x 55 x 34 mm
Installation side	left/right	Colour	clear
Connection	PG thread	Type	surface-mounting
Bulb type	T4W		
Voltage	12/24 V		

approved for vehicles according to ADR 


Order no	Comparative no
8000 003 291	Vignal 194130



VIGNAL

LED end-outline marker lamp SMD98

Version	with reflector, cable with click-in connection for flat cable	Width x height x depth	110 x 50 x 18 mm
Installation side	left/right	Colour	clear
Voltage	24 V	Type	surface-mounting

approved for vehicles according to ADR 

Connection	Order no	Comparative no
Cable + click-in	6210 105 000	Vignal D10500

Connection	Order no	Comparative no
JPT 2-pole	3900 198 660	Vignal 198660



LED end-outline marker lamp

SMD04

Version with reflector
 Connection Click-in connection for flat cable
 Voltage 24 V
 Width x height x depth 100 x 36 x 15 mm
 Cable length 500 mm
 Colour clear

Order no	Comparative no
3901 041 300	Vignal 104130



LED end-outline marker lamp

Connection Cable with open end
 Voltage 12/24 V
 Width x height x depth 114 x 40 x 25 mm
 Colour clear
 Protection class IP66, IP68

E-approval/EMC approval

Order no	Comparative no
1007 000 216	Strands 800292-N



LED end-outline marker lamp

DARK KNIGHT SLIM

Connection cable with open end
 Voltage 12/24 V
 Protection class IP66, IP68

E-approval / EMC approval

Model	Lens colour	Width x height x depth	Cable length	Fig.	Order no	Comparative no
DARK KNIGHT SLIM	clear	84 x 24 x 10,4 mm	1000 mm	1	1007 800 330	Strands 800330
DARK KNIGHT ULTRA SLIM	dark	79 x 25 x 15 mm	5000 mm	2	1007 810 028	Strands 810028



LED end-outline marker lamp

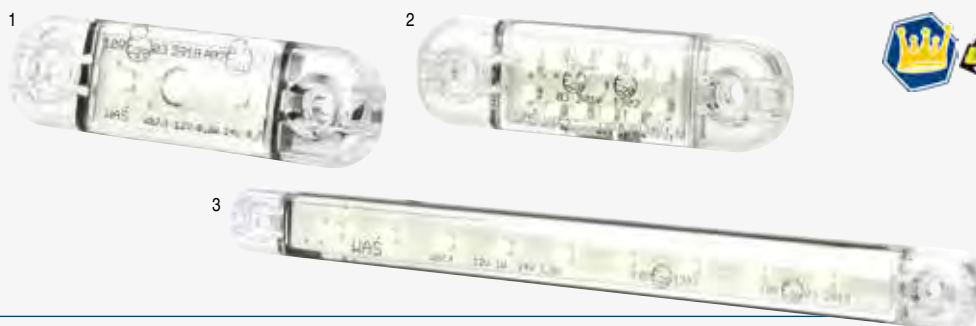
Connection Cable with open end
 Voltage 12-24 V
 Width x height x depth 79 x 24,7 x 15 mm
 Cable length 5000 mm
 Lens colour clear



E-approval/EMC approval

Order no	Comparative no
1007 000 154	Strands 810023

7



LED end-outline marker lamp

SLIM

Connection Cable with open end
 Voltage 9-36 V
 Colour clear
 Protection class IP68

E-approval/EMC approval

Version	Width x height x depth	Cable length	Fig.	Order no	Comparative no
with 3 LEDs	84 x 24 x 10 mm	230 mm	1	1007 000 102	Strands 800342
with 12 LEDs	84 x 24 x 10 mm	230 mm	2	1007 000 105	Strands 800345
with 9 LEDs	238 x 20,6 x 10,4 mm	390 mm	3	1007 000 108	Strands 800348



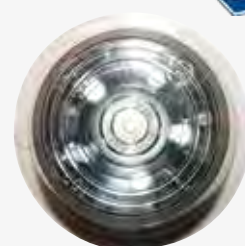
LED end-outline marker lamp

DARK KNIGHT VIKING, with 6 LEDs

Connection cable with open end
 Voltage 12/24 V
 ∅ x depth 78 x 33 mm
 Cable length 5000 mm
 Colour white
 Lens colour clear
 Protection class IP66, IP68

E-approval / EMC approval

Order no	Comparative no
1007 800 409	Strands 800409



LED end-outline marker lamp

Viking, with 6 LEDs

Connection cable with open end
 Voltage 12/24 V
 ∅ x depth 70 x 33 mm
 Colour white
 Lens colour clear
 Protection class IP66, IP68

E-approval / EMC approval

Order no	Comparative no
1007 000 116	Strands 800402



LED side marker light

Version	with reflector light
Voltage	12-36 V
Fastening	2 x \varnothing 5,5 mm
Distance betw. holes	84 mm
Cable length	500 mm
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Description	Dimensions	Fig.	Order no
	110 x 54 x 16 mm	1	5129 000 001
with bracket	110 x 54/75 x 16/29 mm	2	5129 000 004



LED side marker light

Version	with reflector
Voltage	12-36 V
Fastening	2 x \varnothing 5 mm
Width x height x depth	130 x 32 x 14,5 mm
Distance betw. holes	116 mm
Cable length	500 mm
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Order no

5129 000 019



LED side marker light

Version	with reflector
Connection	2-pole EasyConn contact housing with cable
Installation side	left/right
Voltage	24 V
Width x height x depth	130 x 32 x 16 mm
Distance betw. holes	116 mm
Colour	yellow
Type	Attachment, horizontal
Protection class	IP6K9K

approved for vehicles according to ADR

Cable length	Order no	Comparative no
300 mm	0008 645 301	HELLA 2PS 008 645-301
1300 mm	0008 645 311	HELLA 2PS 008 645-311
2000 mm	9260 001 061	HELLA 2PS 008 645-361



LED side marker light

Version	with reflector	Width x height x depth	130 x 32 x 16 mm
Connection	Quick-link with clamping piece and cable	Colour	yellow
Installation side	left/right	Type	surface-mounting, horizontal
Voltage	24 V		

Application range
for horizontal mounting

Cable length	Order no	Comparative no
150 mm	0008 645 601	HELLA 2PS 008 645-601
300 mm	0008 645 611	HELLA 2PS 008 645-611
1300 mm	0008 645 621	HELLA 2PS 008 645-621





LED side marker light

Version with reflector and holder
 Connection Quick-Link 2-pole
 Installation side left/right
 Voltage 24 V
 Width x height x depth 130 x 32 x 16 mm
 Colour yellow/black
 Lens colour yellow
 Type Attachment, horizontal
 Protection class IP6K9K

Cable length	Order no	Comparative no
1300 mm	0008 645 787	HELLA 2PS 008 645-787
150 mm	0008 645 797	HELLA 2PS 008 645-797



LED side marker light

Version With holder
 Connection AMP 2-pole
 Installation side left/right
 Voltage 24 V
 Width x height x depth 130 x 46,5 x 28,3 mm
 Cable length 1300 mm
 Type Attachment, horizontal

Order no	Comparative no
0011 422 077	HELLA 2PS 011 422-077



LED side marker light

Flatpoint I

Version with reflector
 Connection P+R plug
 Installation side left/right
 Voltage 24 V
 Fastening 2 holes, 5 mm
 Width x height x depth 106 x 34 x 76 mm
 Distance betw. holes 70 mm
 Colour yellow
 Type flush-mounting
 Protection class IP68

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
 approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	8831 221 411	Aspöck 31-2214-114
1500 mm	8840 203 412	Aspöck 31-2214-134



LED side marker light

Flatpoint I

Version with reflector and angled bracket 90° towards front
 Connection P+R plug
 Installation side left/right
 Voltage 24 V
 Width x height x depth 95 x 55 x 74,3 mm
 Distance betw. holes 70 mm
 Colour yellow
 Type surface-mounting
 Protection class IP68

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
 approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	8831 221 401	Aspöck 31-2214-014
1500 mm	8840 203 410	Aspöck 31-2214-034



LED side marker light

Flatpoint II

Version	with reflector
Connection	P+R plug
Installation side	left/right
Voltage	24 V
Fastening	2-hole, 9 mm
Width x height x depth	101 x 46 x 14 mm
Distance betw. holes	84 mm
Colour	yellow
Type	flush-mounted
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	8831 230 401	Aspöck 31-2304-014
1500 mm	9060 230 400	Aspöck 31-2304-034



LED side marker light

Flatpoint II

Version	with reflector and angle bracket 90° towards front
Connection	P+R plug
Installation side	left/right
Voltage	24 V
Fastening	2 holes, 9 mm
Width x height x depth	102 x 46 x 17 mm
Distance betw. holes	85 mm
Cable length	500 mm
Colour	yellow
Type	surface-mounting
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR



Order no	Comparative no
9060 236 410	Aspöck 31-2364-014



LED side marker light

Flatpoint II

Version	with reflector and angle bracket 90° towards rear
Connection	P+R plug
Installation side	left/right
Voltage	24 V
Fastening	2 holes, 9 mm
Width x height x depth	102 x 46 x 17 mm
Distance betw. holes	85 mm
Colour	yellow
Type	surface-mounting
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	9060 236 000	Aspöck 31-2364-084
1500 mm	9062 364 000	Aspöck 31-2364-104



LED side marker light

Unipoint I

Version	with reflector
Connection	P+R plug
Installation side	left/right
Voltage	24 V
Fastening	2-hole, 5 mm
Width x height x depth	119 x 44 x 18 mm
Distance betw. holes	70 mm
Colour	yellow
Type	flush-mounted
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	9067 553 522	Aspöck 31-2004-014
1500 mm	9067 553 521	Aspöck 31-2004-034



LED side marker light

Unipoint I

Version	with reflector and tilted angled bracket
Connection	P+R plug
Installation side	left/right
Voltage	24 V
Width x height x depth	119 x 44 x 19 mm
Colour	yellow
Type	surface-mounting
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately. approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	4531 206 421	Aspöck 31-2064-214
1500 mm	8831 206 423	Aspöck 31-2064-234



LED side marker light

Unipoint I

Version	with reflector and angled bracket 90° towards front
Connection	P+R plug
Installation side	left/right
Voltage	24 V
Width x height x depth	119 x 74 x 40 mm
Cable length	1500 mm
Colour	yellow
Type	surface-mounting
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately. approved for vehicles in accordance with ADR



Order no	Comparative no
8831 206 473	Aspöck 31-2064-734



This figure corresponds to 9067 553 552

LED side marker light

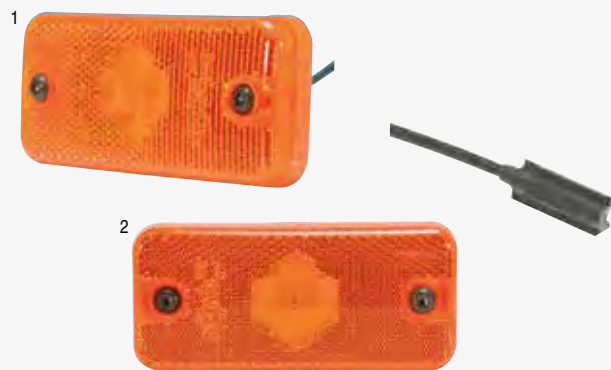
Unipoint I

Version	with reflector and angled bracket 90° towards rear
Connection	P+R plug
Installation side	left/right
Voltage	24 V
Fastening	2-hole, 5 mm
Width x height x depth	119 x 44 x 18 mm
Distance betw. holes	70 mm
Colour	yellow
Type	surface-mounting
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately. approved for vehicles in accordance with ADR



Cable length	Order no	Comparative no
500 mm	9067 553 552	Aspöck 31-2064-014
1500 mm	8831 206 403	Aspöck 31-2064-034



LED side marker light

Installation side	left/right
Voltage	24 V
Width x height x depth	110 x 50 x 18 mm
Cable length	500 mm
Colour	yellow
Type	surface mounting/flush mounting

approved for vehicles according to ADR



Version	Fig.	Order no	Comparative no
with reflector and moulded-in cable with click-in connection for flat cable	1	6210 104 930	Vignal D10493
with reflector	2	6211 985 200	Vignal 198520



This figure corresponds to 6211 985 400

LED side marker light

Version	with reflector, 90° bracket towards rear and moulded-in cable with click-in connection for flat cable
Installation side	left/right
Voltage	24 V
Width x height x depth	110 x 91,3 x 18 mm
Cable length	500 mm
Colour	yellow
Type	surface mounting/flush mounting

approved for vehicles according to ADR



Height	Order no	Comparative no
50 mm	6211 985 400	Vignal 198540
91,3 mm	6210 104 940	Vignal D10494



Side marker light

FE94/98

Version	with reflector	Voltage	12/24 V
Connection	PG screw fitting	Width x height x depth	110 x 55 x 34 mm
Bulb type	T4W	Colour	yellow

approved for vehicles in accordance with ADR



Type	Fig.	Order no	Comparative no
surface-mounting	1	6211 940 300	Vignal 194030
Cultivation	2	6211 940 200	Vignal 194020
flush-mounted	3	6211 940 100	Vignal 194010



LED side marker light

SMD04

Version	with reflector and holder
Voltage	24 V
Width x height x depth	100 x 36 x 15 mm
Cable length	500 mm
Colour	yellow

approved for vehicles according to ADR



Connection	Order no	Comparative no
Click-in	0390 104 210	Vignal 104210
P&R plug	3900 104 250	Vignal 104250





LED side marker light SMD04

Version with reflector
 Connection Click-in connection for flat cable
 Voltage 24 V
 Width x height x depth 100 x 36 x 15 mm
 Cable length 500 mm
 Colour yellow



approved for vehicles according to ADR

Order no	Comparative no
3900 104 090	Vignal 104090



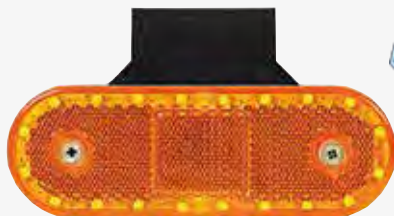
LED side marker light SMD98

Version with reflector
 Connection Superseal
 Voltage 24 V
 Width x height x depth 110 x 50 x 18/34 mm
 Distance betw. holes 84 mm
 Colour yellow



approved for vehicles according to ADR

Order no	Comparative no
3900 198 760	Vignal 198760



LED side marker light

Version With holder
 Connection Cable with open end
 Voltage 12/24 V
 Width x height x depth 114 x 40 x 25 mm
 Colour yellow
 Lens colour orange
 Protection class IP66, IP68

Order no	Comparative no
1007 000 214	Strands 800290-N



LED side marker light DARK KNIGHT ULTRA SLIM, With 3 LEDs

Connection cable with open end
 Voltage 12/24 V
 Width x height x depth 79 x 25 x 15 mm
 Cable length 5000 mm
 Colour yellow
 Lens colour dark
 Protection class IP66, IP68

E-approval / EMC approval

Order no	Comparative no
1007 810 027	Strands 810027



LED side marker light

Connection Cable with open end
 Voltage 12/24 V
 Width x height x depth 79 x 24,7 x 15 mm
 Cable length 5000 mm
 Colour yellow
 Protection class IP68

Lens colour	Fig.	Order no	Comparative no
clear	1	1007 810 021	Strands 810021
yellow	2	1007 000 153	Strands 810022

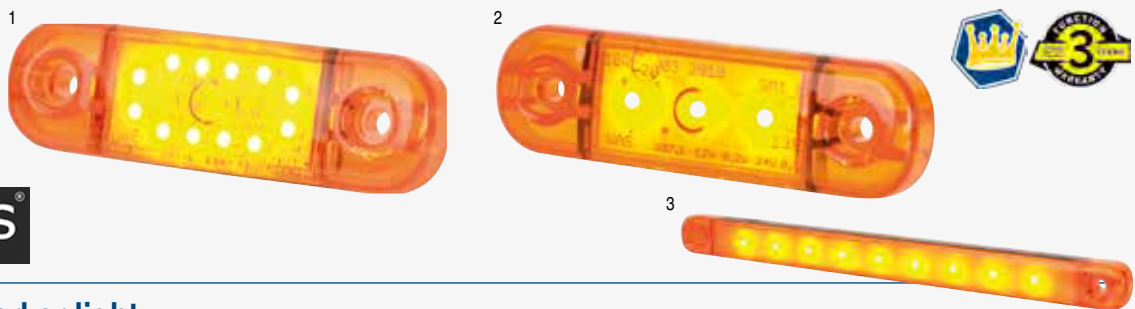


LED side marker light
DARK KNIGHT SLIM

Connection	cable with open end	Colour	yellow
Voltage	12/24 V	Lens colour	dark
Width x height x depth	84 x 24 x 10,4 mm	Protection class	IP66, IP68
Cable length	1000 mm		

E-approval / EMC approval

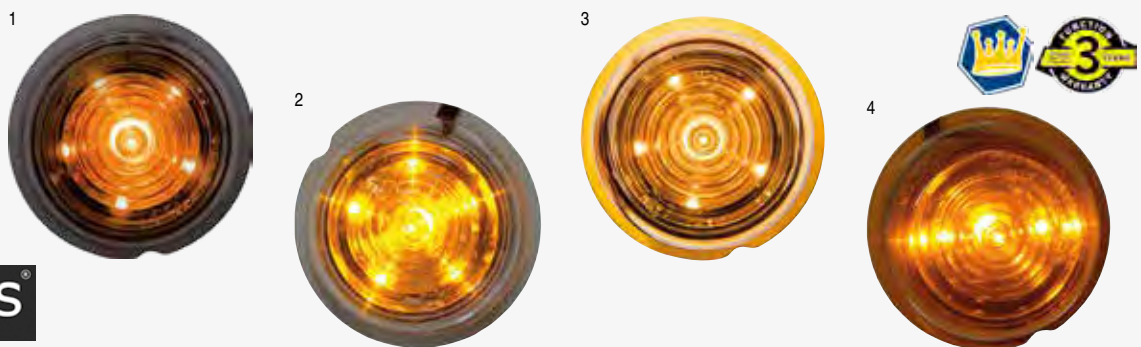
Order no	Comparative no
1007 800 332	Strands 800332



LED side marker light
SLIM

Connection	Cable with open end	Lens colour	yellow
Voltage	9-36 V	Protection class	IP68

	Cable length	Fig.	Order no	Comparative no
with 12 LEDs	230 mm	1	1007 000 103	Strands 800343
with 3 LEDs	230 mm	2	1007 000 100	Strands 800340
with 9 LEDs	390 mm	3	1007 000 106	Strands 800346

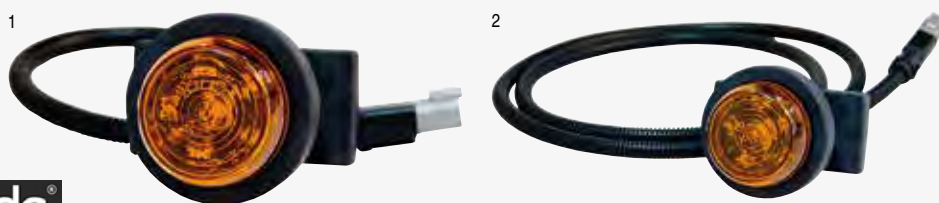


LED side marker light
DARK KNIGHT VIKING

Connection	cable with open end	Cable length	5000 mm
Voltage	12/24 V	Protection class	IP66, IP68
Ø x depth	70 x 33 mm		

E-approval / EMC approval

Version	Lens colour	Fig.	Order no	Comparative no
with 6 LEDs	dark	1	1007 800 408	Strands 800408
with 6 LEDs	clear	2	1007 000 117	Strands 800406
with 6 LEDs	yellow	3	6430 004 002	Strands 800400-2
with 5 LEDs	yellow	4	1007 000 114	Strands 800400



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LED side marker light
DARK KNIGHT VIKING

Version with rubber arm cone
 Connection DT plug
 Width x height x depth 87 x 78 x 50 mm
 Colour yellow
 Protection class IP68

E-approval/EMC approval
 approved for vehicles according to ADR



Cable length	Fig.	Order no	Comparative no
400 mm	1	1007 000 122	Strands 800422
1500 mm	2	1007 000 121	Strands 800421

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You will find us
online here:



CRUISE LIGHT ROOF BAR WARNING LIGHT LED

PART NO	850211	850214	850215	850216	850217	850218	850219	850221
VOLTAGE	18-30 V DC	18-30 V DC	18-30 V DC	18-30 V DC	18-30 V DC	18-30 V DC	18-30 V DC	18-30 V DC
CONSUMPTION	80 W	91 W	92 W	103 W	108 W	114 W	120 W	131 W
PATTERNS	13	13	13	13	13	13	13	13
IP-CLASS	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
COLOR LENS	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
COLOR LED	Amber	Amber	Amber	Amber	Amber	Amber	Amber	Amber
CONNECTION	Cig plug + magnet	Cable	Cable	Cable	Cable	Cable	Cable	Cable
CABLE LENGTH	2500 mm	5000 mm	5000 mm	5000 mm	5000 mm	5000 mm	5000 mm	5000 mm
LENGTH	314,8 mm	772 mm	924,4 mm	1076,8 mm	1229,2 mm	1381,6 mm	1534 mm	1686,8 mm
WIDTH	120 mm	120 mm	120 mm	120 mm	120 mm	120 mm	120 mm	120 mm
HEIGHT	36 mm	36 mm	36 mm	36 mm	36 mm	36 mm	36 mm	36 mm
HEIGHT INCLUDING BRACKETS	66 mm	66 mm	66 mm	66 mm	66 mm	66 mm	66 mm	66 mm
ADR-APPROVED	No	No	No	No	No	No	No	No
E-APPROVED	ECE R65	ECE R65	ECE R65	ECE R65	ECE R65	ECE R65	ECE R65	ECE R65
EMC-CERTIFICATE	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
	ECE R10	ECE R10	ECE R10	ECE R10	ECE R10	ECE R10	ECE R10	ECE R10



Part No. 850208

CRUISE LIGHT WIRELESS CONTROLLER

Voltage: 18-30 V DC, Channels: 8 total / 200W, Length: 162 mm (Relay box) 208 mm, Depth: 20 mm (Relay box) 32,5 mm, Height: 81 mm (Relay box) 110 mm, IP-class: IP67 (relay box) EMC-certificate: ECE R10

Use the QR code to check out the product.



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LED clearance light

Voltage 12-36 V
 Fastening 2 x Ø 7 mm
 Ø 7 mm
 Distance betw. holes 76 mm
 Cable length 300 mm
 Colour red/clear

Approved for electromagnetic compatibility (EMC)



This figure corresponds to 5129 000 005

Installation side	Width	Height	Order no
left	175 mm	135 mm	5129 000 005
right	175 mm	135 mm	5129 000 006
left	195 mm	145 mm	5129 000 007
right	195 mm	145 mm	5129 000 008

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LED clearance light

Voltage 12/24 V
 Width x height x depth 190 x 138 x 52 mm
 Cable length 500 mm
 Colour red/clear/yellow

Approved for electromagnetic compatibility (EMC)

Version	Installation side	Fig.	Order no
with long rubber arm	left	1	5129 000 040
with long rubber arm	right	2	5129 000 041
with short rubber arm	left	3	5129 000 038
with short rubber arm	right	4	5129 000 039



LED clearance light

Version with position, tail and side marker light
 Connection with connector
 Voltage 24 V
 Width x height x depth 197 x 147 x 47 mm
 Cable length 300 mm
 Type mounting

Power consumption 12/24 V, 0.1 A
 Rated power 12/24 V, 1.2/2.4 W

E-approval / EMC approval



Installation side	Order no
Left	5129 000 049
Right	5129 000 050



LED clearance light

Version	with position, tail and side marker light
Width x height x depth	177 x 160 x 35 mm
Distance betw. holes	78 mm
Colour	red/clear/yellow
Protection class	6K9K

This figure corresponds to 0340 418 181

Connection	Installation side	Voltage	Cable length	Type	Test mark	Order no	Comparative no
AMP Superseal	left	24 V	800 mm	surface-mounting, side	E24 5878, E4 2899	0011 744 211	HELLA 2XS 011 744-211
AMP Superseal	right	24 V	800 mm	surface-mounting, side	E24 5878, E4 2899	0011 744 201	HELLA 2XS 011 744-201
2-pole AMP	left	12/24 V	2000 mm	Attachment, lateral	E4 11392	0011 744 061	HELLA 2XS 011 744-061
2-pole AMP	right	12/24 V	2000 mm	Attachment, lateral	E4 11392	0011 744 051	HELLA 2XS 011 744-051
2-pin EasyConn connector	left	12/24 V	500 mm	surface-mounting, vertical	E4 11392	0340 418 191	HELLA 2XS 011 744-011
2-pin EasyConn connector	right	12/24 V	500 mm	surface-mounting, vertical	E4 11392	0340 418 181	HELLA 2XS 011 744-021
2-pin EasyConn connector	left	24 V	500 mm	surface-mounting, standing upright	E4 11392	0340 418 031	HELLA 2XS 011 744-111
2-pin EasyConn connector	right	24 V	500 mm	surface-mounting, standing upright	E4 11392	0340 418 021	HELLA 2XS 011 744-101
6,3 x 0,8 mm flat spade terminals with cable	left	24 V	3000 mm	surface-mounting, vertical	E4 10211, E4 11392	0340 418 091	HELLA 2XS 011 744-031
6,3 x 0,8 mm flat spade terminals with cable	right	24 V	3000 mm	surface-mounting, vertical	E4 10211, E4 11392	0340 418 081	HELLA 2XS 011 744-041
Quick Link	left	12/24 V	1000 mm	Attachment, lateral	E4 11392	0011 744 191	HELLA 2XS 011 744-191
Quick Link	right	12/24 V	1000 mm	Attachment, lateral	E4 11392	0011 744 181	HELLA 2XS 011 744-181
Quick-Link	left	24 V	500 mm	surface-mounting, vertical	E4 11392	0340 418 131	HELLA 2XS 011 744-071
Quick-Link	right	24 V	500 mm	surface-mounting, vertical	E4 11392	0340 418 121	HELLA 2XS 011 744-081



LED clearance light

Version	with position, tail and side marker light
Width x height x depth	133 x 100 x 35 mm
Distance betw. holes	78 mm
Cable length	500 mm
Colour	red/clear/yellow
Type	surface-mounting, at the side



approved for vehicles according to ADR

Connection	Installation side	Voltage	Order no	Comparative no
2-pin EasyConn connector	left/right	24 V	0340 447 021	HELLA 2XS 011 768-021
2-pole AMP	left/right	12/24 V	0011 768 031	HELLA 2XS 011 768-031
2 x 6,3 mm flat spade terminals	left	24 V	9260 001 193	HELLA 2XS 011 768-071
EasyConn 90°	left/right	24 V	0011 768 011	HELLA 2XS 011 768-011
Quick-Link with clamping piece	left/right	24 V	0340 447 001	HELLA 2XS 011 768-001



LED clearance light

Version with position, tail and side marker light
 Connection 2-pole EasyConn socket housing with cable
 Voltage 24 V
 Width x height x depth 183 x 102 x 35 mm
 Distance betw. holes 78 mm
 Cable length 500 mm
 Colour red/clear/yellow
 Type attachment, standing horizontal
 Protection class IP6K9K



approved for vehicles according to ADR

Installation side	Order no	Comparative no
left	9260 001 195	HELLA 2XS 011 769-011
right	9260 001 194	HELLA 2XS 011 769-021



Clearance light Superpoint II

Version completely wired
 Voltage 24 V
 Colour white/red/amber

Installation side	Order no	Comparative no
left	8000 305 237	Aspöck 31-3305-234
right	8000 306 237	Aspöck 31-3306-234



Clearance light Superpoint III

Connection Open End
 Voltage 24 V
 Colour white/red/amber

Installation side	Order no	Comparative no
left	9067 552 789	Aspöck 31-3303-024
right	9067 552 788	Aspöck 31-3302-024



LED clearance light Superpoint III

Version standard
 Connection open-end cable
 Voltage 24 V
 Cable length 4000 mm
 Colour white/red/amber
 Protection class IP69K



approved for vehicles in accordance with ADR

Installation side	Order no	Comparative no
left	9060 033 021	Aspöck 31-3303-004
right	9067 553 528	Aspöck 31-3302-004



LED clearance light Superpoint III

Version standard
 Voltage 24 V
 Connection P+R plug
 Distance betw. holes 78,4 mm
 Cable length 1250 mm
 Type surface-mounting
 Colour white/red/amber

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.

approved for vehicles in accordance with ADR



Installation side	Order no	Comparative no
left	9065 521 460	Aspöck 31-3304-044
right	9065 521 470	Aspöck 31-3304-054



LED clearance light Superpoint III

Version standard
 Connection ASS 2, 2-pin
 Voltage 24 V
 Cable length 1750 mm
 Colour white/red/amber
 Protection class IP69K



approved for vehicles in accordance with ADR

Installation side	Order no	Comparative no
left	9933 305 017	Aspöck 31-3305-014
right	9933 306 017	Aspöck 31-3306-014



LED clearance light Superpoint III

Connection P+R plug
 Voltage 24 V
 Fastening Suspended bracket
 Cable length 1500 mm
 Colour white/red/amber
 Protection class IP69K



Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.

approved for vehicles in accordance with ADR

Installation side	Order no	Comparative no
left	9502 710 346	Aspöck 31-3364-054
right	9502 710 347	Aspöck 31-3364-024



LED clearance light Superpoint III

Installation side left/right
 Connection P+R plug
 Voltage 24 V
 Cable length 1250 mm
 Colour white/red/amber
 Protection class IP69K



Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
 approved for vehicles in accordance with ADR

Order no	Comparative no
9060 052 795	Aspöck 31-3304-094



LED clearance light Superpoint III

Installation side left/right
 Connection open-end cable
 Voltage 24 V
 Colour white/red/amber
 Protection class IP69K



approved for vehicles in accordance with ADR

Connection	Cable length	Order no	Comparative no
open-end cable	4000 mm	1095 500 244	Aspöck 31-3300-244
ASS 2, 2-pin	1750 mm	1095 507 014	Aspöck 31-3307-014



LED clearance light Superpoint III

Version Direct attachment
 Installation side left/right
 Voltage 24 V
 Cable length 4000 mm
 Colour white/red/amber
 Type Direct attachment
 Protection class IP69K



approved for vehicles in accordance with ADR

Connection	Order no	Comparative no
open-end cable	9067 552 812	Aspöck 31-3360-004
P+R plug	9063 364 007	Aspöck 31-3364-004



LED clearance light Superpoint IV

Connection Cable with open end
 Voltage 24 V
 Colour white/red/amber

Installation side	Order no	Comparative no
left	9063 103 024	Aspöck 31-3103-024
right	9063 102 024	Aspöck 31-3102-024



LED clearance light Superpoint IV

Version standard
 Connection ASS 2, 2-pin
 Voltage 12/24 V
 Cable length 2000 mm
 Colour white/red/amber
 Protection class IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
 approved for vehicles in accordance with ADR



Installation side	Order no	Comparative no
left	9067 553 068	Aspöck 31-3105-004
right	9067 553 069	Aspöck 31-3106-004



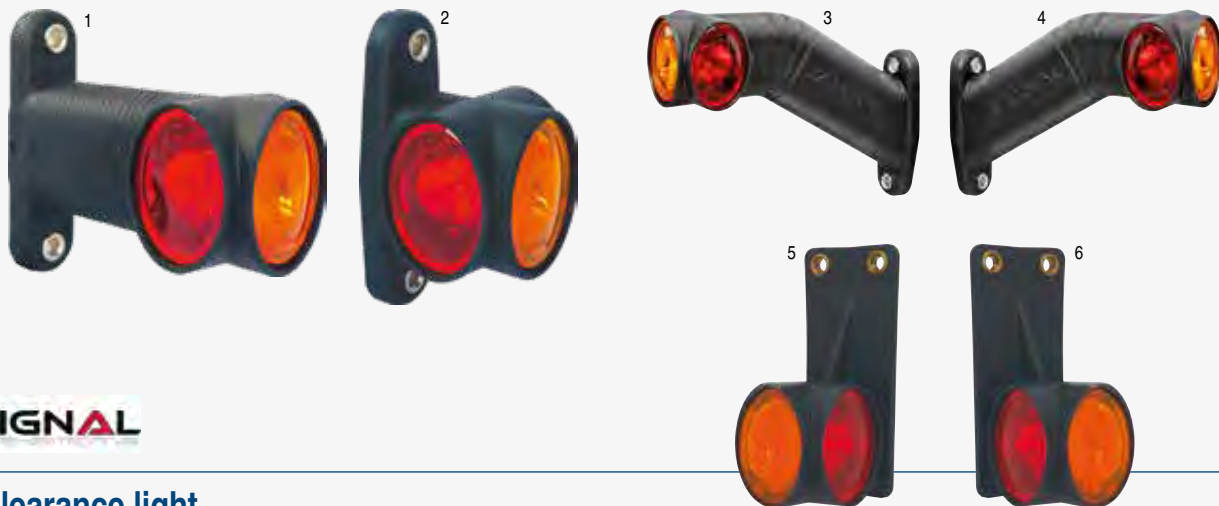
LED clearance light Superpoint IV

Version standard
 Connection P+R plug
 Voltage 12/24 V
 Cable length 2000 mm
 Colour white/red/amber
 Protection class IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
 approved for vehicles in accordance with ADR



Installation side	Order no	Comparative no
left	9063 104 007	Aspöck 31-3104-004
right	9063 104 017	Aspöck 31-3104-014



LED clearance light

Version with position, tail and side marker light
 Connection cable with open end
 Voltage 12/24 V
 Cable length 1700 mm

Installation side	Height	Width	Distance betw. holes	Colour	Fig.	Order no	Comparative no
left/right	100 mm	48 mm	78 mm	red/clear/yellow	1	3900 014 030	Vignal D14030
left/right	100 mm	48 mm	78 mm	red/clear/yellow	2	3900 014 031	Vignal D14031
left	100 mm	178 mm	78 mm	red/yellow	3	3900 014 421	Vignal D14421
right	100 mm	178 mm	78 mm	red/yellow	4	3900 014 422	Vignal D14422
left	110 mm	49 mm	30 mm	red/yellow	5	3900 014 431	Vignal D14431
right	110 mm	49 mm	30 mm	red/yellow	6	3900 014 432	Vignal D14432



LED clearance light

Version Rubber arm light, long, with position/clearance light
 Connection DT plug
 Cable length 300 mm
 Colour red/white

Installation side	Order no	Comparative no
left	1007 000 277	Strands 800420V
right	1007 000 276	Strands 800420H



LED clearance light

Version Rubber arm lamp, short, with position/clearance light
 Connection DT plug
 Voltage 12/24 V
 Cable length 150 mm
 Colour red/white
 Protection class IP68

approved for vehicles according to ADR



Order no	Comparative no
1007 000 123	Strands 800423



LED clearance light

Connection Cable with open end
 Voltage 12/24 V
 Colour white/red/amber
 Protection class IP66, IP68

E-approval/EMC approval

Installation side	Width	Height	Cable length	Fig.	Order no	Comparative no
left	189 mm	140 mm	200 mm	1	1007 800 357	Strands 800357V
right	189 mm	140 mm	200 mm	2	1007 800 359	Strands 800357H
left	134 mm	108 mm	340 mm	3	1007 800 363	Strands 800363V
right	134 mm	108 mm	340 mm	4	1007 800 364	Strands 800363H
left/right	100 mm	140 mm	340 mm	5	1007 800 360	Strands 800359



LED clearance light

Connection Cable with open end
 Voltage 12/24 V
 Colour white/red/amber
 Protection class IP66, IP68

E-approval/EMC approval

Version	Installation side	Width	Height	Cable length	Fig.	Order no	Comparative no
with side marker light, short rubber arm	left	135 mm	114 mm	280 mm	2	1007 000 251	Strands 800362V
with side marker light, short rubber arm	right	135 mm	114 mm	280 mm	1	1007 000 249	Strands 800362H
with positioning and side marker light, long rubber arm	left	187 mm	165 mm	210 mm	4	1007 000 247	Strands 800361V
with positioning and side marker light, long rubber arm	right	187 mm	165 mm	210 mm	3	1007 000 245	Strands 800361H



LED clearance light

Connection Cable with open end
 Voltage 12/24 V
 Lens colour white/red/amber
 Protection class IP66, IP68

E-approval/EMC approval

Version	Installation side	Width	Height	Cable length	Fig.	Order no	Comparative no
with position and side marker light, dynamic flashing light	left	184,9 mm	145,5 mm	400 mm	1	1007 800 385	Strands 800385
with position and side marker light, dynamic flashing light	right	184,9 mm	145,5 mm	400 mm	2	1007 800 384	Strands 800384
with position and side marker light	left	146,1 mm	110,6 mm	240 mm	3	1007 800 383	Strands 800383
with position and side marker light	right	146,1 mm	110,6 mm	240 mm	4	1007 800 382	Strands 800382
with position and side marker light	left/right	100 mm	87 mm	350 mm	5	1007 800 381	Strands 800381



LED clearance light

Version short rubber arm
 Connection Cable with open end
 Installation side left/right
 Voltage 12/24 V
 Width 84 mm
 Height 103 mm
 Cable length 330 mm
 Colour white/red/amber
 Protection class IP66, IP68

E-approval

Order no	Comparative no
1007 000 113	Strands 800364



This figure corresponds to 4500 001 004

LED clearance light

PRO-JET

Version FF technology, lamp fully encapsulated and watertight
 Voltage 12/24 V
 Cable length 1,75 m
 Colour red/white
 Protection class IP6K9K

approved for vehicles in accordance with ADR

Description	Order no	Comparative no
P+R plug	4500 001 004	Proplast 40 001 004
with pendulum holder, P+R plug	4500 001 024	Proplast 40 001 024
AMP Super Seal plug	4540 001 704	Proplast 40 001 704
with flexible pendulum holder, AMP Super Seal plug	4540 001 724	Proplast 40 001 724





PROPLAST
REARVIEW MIRROR LIGHTS

LED clearance light

PRO-SUPER-JET

Connection cable with open end
Voltage 12/24 V
Cable length 1750 mm
Colour white/red/amber
Protection class IP6K9K

E approval / EMC approval
approved for vehicles in accordance with ADR



Version	Installation side	Width	Height	Fig.	Order no	Comparative no
With LED side marker light, flexible mounting arm	Left	174 mm	116 mm	1	4500 004 014	Proplast 40 004 014
With LED side marker light, flexible mounting arm	Right	174 mm	116 mm	2	4500 004 015	Proplast 40 004 015
With LED side marker light, short flexible mounting arm	Left/right	124 mm	98 mm	3	4500 005 004	Proplast 40 005 004
With LED side marker light, attachment housing with pendulum holder	Left	42 mm	110 mm	4	4540 007 024	Proplast 40 007 024
With LED side marker light, attachment housing with pendulum holder	Right	42 mm	110 mm	5	4540 007 025	Proplast 40 007 025
With LED side marker light, attachment housing	Left/right	42 mm	104 mm	6	4500 006 004	Proplast 40 006 004
With LED side marker light, attachment housing	Left	42 mm	84,3 mm	7	4540 007 014	Proplast 40 007 014
With LED side marker light, attachment housing	Right	42 mm	84,3 mm	8	4540 007 015	Proplast 40 007 015



LED clearance light PRO-SUPERPOINT III

lens unit made of breakproof PC

Connection cable with open end
Voltage 12/24 V
Cable length 1,75 m
Colour white/red/amber



approved for vehicles in accordance with ADR

Version	Width	Height	Fig.	Order no	Comparative no
with LED side marker light, flexible attachment arm	147 mm	100 mm	1	8840 010 004	Proplast 40 010 004
with LED side marker light, flexible surface-mounting casing	67 mm	100 mm	2	8840 011 004	Proplast 40 011 004
with LED side marker light, flexible attachment arm	118,8 mm	100 mm	3	8840 013 004	Proplast 40 013 004



LED clearance light Superpoint

lens unit made of unbreakable PC

Connection cable with open end
Voltage 24 V
Cable length 1,75 m
Colour red/white
Protection class IP68



approved for vehicles in accordance with ADR

Version	Width	Height	Fig.	Order no	Comparative no
flexible surface-mounting casing	100 mm	59 mm	1	8840 189 004	Proplast 40 189 004
flexible mounting arm 90°	182 mm	159 mm	2	8840 167 004	Proplast 40 167 004
short flexible mounting arm	116 mm	99 mm	3	8840 168 004	Proplast 40 168 004



LED rear lighting

Installation side Left/right
 Connection Cable with open end
 Voltage 12/24 V
 Ø x depth 140 x 50,5 mm
 Cable length 1000 mm
 Type Attachment
 Protection class IP68

E-approval / EMC approval

Description	Version	Fig.	Order no
LED rear light	With indicator, brake and tail light	1	5129 000 042
LED rear fog lamp	with tail light	2	5129 000 017
LED reversing light	with tail light	3	5129 000 018



LED rear light

Thread M6
 Installation side Left/right
 Connection cable with open end
 Voltage 12/24 V
 Width x height x depth 214,3 x 94,3 x 37,7 mm
 Cable length 1000 mm

E-approval / EMC approval

Version	Fig.	Order no
With indicator (dynamic), brake, number plate (side), reversing and tail light	1	5129 000 043
With indicator (dynamic), brake, number plate (side), rear fog and tail light	2	5129 000 044



LED rear light

Thread M8
 Version with indicator, brake, rear fog, reversing, tail light and side marker light, with triangular light
 Connection cable with open end
 Voltage 24 V
 Width x height x depth 450 x 138 x 72,3 mm
 Cable length 2500 mm
 Protection class IP68

E-approval / EMC approval

Installation side	Fig.	Order no	Installation side	Fig.	Order no
Left	1	5129 000 045	Left	2	5129 000 047
Right	1	5129 000 046	Right	2	5129 000 048



Rear light

Voltage 24 V
Colour red/clear/yellow

Connection	Installation side	Version	Order no	Comparative no
AMP, 7-pin, side	left	with number plate light	3069 800 002	suitable for DAF 1625985 suitable for MAN 81.25225-6524
AMP, 7-pin, side	right	without number plate light	3069 800 001	suitable for DAF 1625986 suitable for MAN 82.25225-6523
8-pin, rear	left	without number plate light	3069 800 003	suitable for MAN 81.25225-6464 L
8-pin, rear	right	without number plate light	3069 800 004	suitable for MAN 81.25225-6464 R
8-pin, rear	Left	With number plate light	3069 800 005	suitable for MAN 81.25225-6465

Accessories

Description	Order no	Comparative no
Lens, left/ right, red/clear/yellow	3069 810 001	suitable for MAN 81.25229-6051



Rear light

Connection AMP, 7-pin, side
Voltage 24 V
Colour red/clear/yellow

Version	Installation side	Order no	Comparative no
without number plate light	right	3069 800 006	suitable for Volvo 20425729
With number plate light	Left	3069 800 007	suitable for Volvo 20425728

Accessories

Description	Order no	Comparative no
Lens, left/ right, red/clear/yellow	3069 810 002	suitable for Volvo 20425732



Rear light

Connection AMP, 7-pin, side
Voltage 24 V
Colour red/clear/yellow

Version	Installation side	Order no	Comparative no
With number plate light	Left	3069 800 009	suitable for Volvo 20565103
without number plate light	right	3069 800 008	suitable for Volvo 20565106

Accessories

Description	Order no	Comparative no
Lens, left/ right, red/clear/yellow	3069 810 003	suitable for Volvo 20565107



EURO PART



Rear light

Connection AMP, 7-pin, side
Voltage 24 V
Colour red/clear/yellow

Version	Installation side	Order no	Comparative no
With number plate light	Left	3069 800 010	suitable for Mercedes-Benz 001 540 62 70
without number plate light	right	3069 800 011	suitable for Mercedes-Benz 001 540 63 70

Accessories

Description	Order no	Comparative no
Lens, left, red/clear/yellow	3069 810 004	suitable for Mercedes-Benz 002 544 12 90
Lens, right, red/clear/yellow	3069 810 005	suitable for Mercedes-Benz 002 544 16 90



EURO PART



LED position light

Version with reflector light
Voltage 12-36 V
Fastening 2 x \varnothing 5,5 mm
Width x height x depth 110 x 54 x 16 mm
Cable length 500 mm
Colour red

Approved for electromagnetic compatibility (EMC)

Order no

5129 000 002



EURO PART



LED position light

Version with reflector
Voltage 12-36 V
Fastening 2 x \varnothing 5 mm
Width x height x depth 130 x 32 x 14,5 mm
Cable length 500 mm
Colour red

Approved for electromagnetic compatibility (EMC)

Order no

5129 000 020



LED rear light in full LED

Connection	DIN bayonet plug (7-pole), AMP superseal plug (2-pole)
Voltage	24 V
Fastening	2 stud bolts (M8)
Width x height x depth	410/176,7 x 180 x 55,5 mm
Colour	red/clear/yellow
Lens colour	red/clear
Protection class	IP6K9K

E-approval / EMC approval

Approved for vehicles in accordance with ADR

Version	Installation side	Order no	Comparative no
With indicator, brake light, rear fog light, reversing light, tail light and end-outline marker, with rubber arm and triangular reflector	Left	0340 970 031	HELLA 2VP 340 970-031
With indicator, brake light, rear fog light, reversing light, tail light and end-outline marker, with rubber arm and triangular reflector	Right	0340 970 041	HELLA 2VP 340 970-041
With indicator (dynamic), brake light, rear fog light, reversing light, tail light and end-outline marker light, with rubber arm and triangular reflector	Left	0340 970 331	HELLA 2VP 340 970-331
With indicator (dynamic), brake light, rear fog light, reversing light, tail light and end-outline marker light, with rubber arm and triangular reflector	Right	0340 970 341	HELLA 2VP 340 970-341
With indicator, brake light, rear fog light, reversing light, tail light and end-outline marker, with blinking rubber arm and triangular reflector	Left	0340 970 431	HELLA 2VP 340 970-431
With indicator, brake light, rear fog light, reversing light, tail light and end-outline marker, with blinking rubber arm and triangular reflector	Right	0340 970 441	HELLA 2VP 340 970-441
With indicator (dynamic), brake light, rear fog light, reversing light, tail light and end-outline marker light, with rubber arm and triangular reflector	Left	0340 970 531	HELLA 2VP 340 970-531
With indicator (dynamic), brake light, rear fog light, reversing light, tail light and end-outline marker light, with rubber arm and triangular reflector	Right	0340 970 541	HELLA 2VP 340 970-541



LED rear light in full LED

Installation side	Left/right
Connection	DIN bayonet plug (7-pole), AMP superseal plug (2-pole)
Voltage	24 V
Fastening	2 stud bolts (M8)
Width x height x depth	410 x 140 x 55,5 mm
Lens colour	red/clear
Protection class	IP6K9K

E-approval / EMC approval

Version	Order no	Comparative no
With indicator, brake light, rear fog light, reversing light and tail light, with reflex reflector	0340 970 701	HELLA 2VP 340 970-701
With indicator (dynamic), brake, rear fog, reversing and tail light, with reflector	0340 970 711	HELLA 2VP 340 970-711



LED rear light

Voltage	24 V
Width x height x depth	450 x 138 x 94 mm
Lens colour	clear
Type	Attachment, horizontal
Protection class	IP 6K9K

E-approval/EMC approval

This figure corresponds to 0340 966 111

Version	Connection	Installation side	Order no	Comparative no
With indicator, brake light, rear fog light, reversing light, tail light and clearance light, with triangle reflector	Male connector	left	0340 966 111 HELLA 2VP 340 966-111	
With indicator, brake light, rear fog light, reversing light, tail light and clearance light, with triangle reflector	Male connector	right	0340 966 121 HELLA 2VP 340 966-121	
With indicator, brake light, rear fog light, reversing light and tail light, with triangle reflector	DIN bayonet connector (7-pin), AMP superseal connector (2-pin)	left	0340 966 411 HELLA 2VP 340 966-411	
With indicator, brake light, rear fog light, reversing light and tail light, with triangle reflector	DIN bayonet connector (7-pin), AMP superseal connector (2-pin)	right	0340 966 421 HELLA 2VP 340 966-421	



LED rear light

in hybrid technology,
with pulse for indicator failure control

with LED clearance lights

Connection	EasyConn connector (yellow), 7 pins
Bulb type	P21W/PY21W
Voltage	24 V
Width x height x depth	450 x 138 x 93,6 mm
Lens colour	red/clear
Type	surface-mounting

Application range

for trailers

approved for vehicles according to ADR



Version	Installation side	Order no	Comparative no
with indicator, LED brake, rear fog and reversing light, LED tail light triangular reflector and LED rubber arm light	left	0340 961 111	HELLA 2VP 340 961-111
with indicator, LED brake, rear fog and reversing light, LED tail light triangular reflector and LED rubber arm light	right	0340 961 121	HELLA 2VP 340 961-121
with indicator, LED brake, rear fog, reversing, tail, side marker and clearance light, rear reflectors	left	0340 961 431	HELLA 2VP 340 961-431
with indicator, LED brake, rear fog, reversing, tail, side marker and clearance light, rear reflectors	right	0340 961 441	HELLA 2VP 340 961-441

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LED rear light with Krone logo, in hybrid technology

Version With indicator, LED brake light, rear fog light, reversing light and LED tail light, with reflector, with LED clearance light
 Connection EasyConn connector (yellow), 7 pins
 Voltage 24 V
 Fastening 2 x hexagon screw 8 x 30 mm
 Width x height x depth 450+177 x 146 x 93 mm
 Colour red/clear



Approved for vehicles in accordance with ADR

Installation side	Order no	Comparative no
left	0340 961 531	HELLA 2VP 340 961-531 Krone 515072260
right	0340 961 541	HELLA 2VP 340 961-541 Krone 515072281



LED rear light in hybrid technology

Version With indicator, LED brake light, rear fog light, reversing light, LED tail light and LED clearance light, with LED triangle reflector
 Connection EasyConn connector (yellow), 7 pins
 Voltage 24 V
 Fastening 2 x hexagon head screw M8 x 30 mm
 Width x height x depth 450 x 138 x 93,6 mm
 Colour red/clear/yellow
 Lens colour red/clear
 Type Attachment
 Protection class IP5K4K, IP6K9K

Approved for electromagnetic compatibility (EMC)

Installation side	Order no	Comparative no
Left	0340 965 111	HELLA 2VP 340 965-111
Right	0340 965 121	HELLA 2VP 340 965-121



LED rear light COLUNA, with pulse for indicator failure control

Version with indicator, brake, rear fog, reversing and tail light, triangular reflector
 Voltage 24 V
 Width x height x depth 130 x 40 x 40 mm
 Lens colour red/clear
 Type surface-mounting



approved for vehicles according to ADR

Connection	Installation side	Cable length	Order no	Comparative no
EasyConn connector (yellow), 7 pins	left	1000 mm	0345 900 011	HELLA 2VP 345 900-011
EasyConn connector (blue), 7 pins	right	1000 mm	0345 900 021	HELLA 2VP 345 900-021
DIN bayonet AMP, 7-pin	left	1000 mm	0345 900 091	HELLA 2VP 345 900-091
DIN bayonet AMP, 7-pin	right	1000 mm	0345 900 101	HELLA 2VP 345 900-101
with 6.3 mm receptacles	left	3000 mm	0345 900 131	HELLA 2VP 345 900-131
with 6.3 mm receptacles	right	3000 mm	0345 900 141	HELLA 2VP 345 900-141



LED rear light

Bulb type P21W
 Voltage 24 V
 Ø x depth 140 x 82 mm

Type Surface-mounting
 Protection class IP 5K4K, IP 6K9K



EMC approval

Approved for vehicles in accordance with ADR

Version	Connection	Cable length	Colour	Fig.	Order no	Comparative no
in hybrid technology, With turn signal, LED brake light and LED tail light	Round plug, 7-pole DIN pin housing	300 mm	red/yellow	1	¹ 0013 155 001	HELLA 2SD 013 155-001
in hybrid technology, With turn signal, LED brake light and LED tail light	Round plug, 7-pole DIN pin housing	300 mm	red/yellow	1	² 0013 155 011	HELLA 2SD 013 155-011
in hybrid technology, With turn signal, LED brake light and LED tail light	6,3 mm female spade connectors	3000 mm	red/yellow	1	¹ 0013 155 021	HELLA 2SD 013 155-021
in hybrid technology, With turn signal, LED brake light and LED tail light	6,3 mm female spade connectors	3000 mm	red/yellow	1	² 0013 155 031	HELLA 2SD 013 155-031
in full LED, with indicator, brake and tail light	Round plug, 7-pole DIN pin housing	290 mm	red/clear	2	² 0013 155 101	HELLA 2SD 013 155-101
in full LED, with indicator, brake and tail light	6,3 mm female spade connectors	3000 mm	red/clear	2	² 0013 155 111	HELLA 2SD 013 155-111

¹ with integrated resistor for brake light function
² without resistor for brake light function



LED rear light Strip-Lamp

Connection Cable with open end
 Installation side left/right
 Voltage 24 V

Width x height x depth 283 x 25 x 11 mm
 Type Cultivation
 Protection class IP6K7, IP6K9K

E-approval/EMC approval

Version	Cable length	Order no	Comparative no
with LED brake light and LED tail light	300 mm	0980 887 211	HELLA 2SB 980 887-211
with LED indicator, LED brake light and LED tail light	2500 mm	0980 819 201	HELLA 2SD 980 819-201



LED position light

Version with reflector and tail light
 Connection cable with open end
 Installation side left/right
 Voltage 24 V

Width x height x depth 130 x 32 x 13 mm
 Cable length 5 m
 Colour red
 Type Attachment, vertical/horizontal



E-approval

approved for vehicles according to ADR

Order no	Comparative no
0008 645 071	HELLA 2TM 008 645-941



LED additional stop light

Version with 10 LEDs and cable 3000 mm
 Connection cable with open end
 Voltage 24 V
 Width x height x depth 280 x 26 x 10 mm
 Distance betw. holes 244,25 mm
 Colour red
 Type surface-mounting

E-approval / EMC approval

Order no	Comparative no
0343 106 011	HELLA 2DA 343 106-011



LED rear fog lamp Strip-Lamp

Connection Cable with open end
 Voltage 24 V
 Width x height x depth 283 x 25 x 11 mm
 Cable length 2500 mm
 Protection class IP6K7, IP6K9K

E-approval/EMC approval

Order no	Comparative no
0980 889 601	HELLA 2NE 980 889-601



Rear light

Europoint III, in hybrid technology

With „light guide“ (light guide known from the automotive industry), possibility of direct attachment of an additional flexible LED clearance light, pre-wired

Connection ASS 2.1, 7-pin
 Voltage 24 V
 Width x height x depth 400 x 153 x 88 mm
 Lens colour red/clear
 Protection class IP56K



approved for vehicles in accordance with ADR

Version	Installation side	Order no	Comparative no
With indicator, brake light, rear fog light, reversing light, LED rear light and side marker light, triangular reflector	left	9067 553 043	Aspöck 25-7000-501
With indicator, brake light, rear fog light, reversing light, LED rear light and side marker light, triangular reflector	right	9067 553 044	Aspöck 25-7400-501
With indicator, brake light, rear fog light, reversing light, LED tail light and side marker light, LED clearance light (Superpoint IV) and triangle reflector	left	9067 553 041	Aspöck 25-7020-501
With indicator, brake light, rear fog light, reversing light, LED tail light and side marker light, LED clearance light (Superpoint IV) and triangle reflector	right	9067 553 042	Aspöck 25-7420-501

Accessories

Description	Order no	Comparative no
Lens, left	9067 553 049	Aspöck 18-8570-001
Lens, right	9067 553 050	Aspöck 18-8570-101



Rear light

EuroPoint II

with clear-glass optic, 2 light bulbs each for brake light and taillight

Connection	ASS 2, 7-pin	Colour	red/clear/yellow
Voltage	24 V	Type	surface mounted
Width x height x depth	426 x 154 x 85 mm	Protection class	IP54



approved for vehicles in accordance with ADR

Version	Installation side	Order no	Comparative no
With indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector	left	8825 600 050	Aspöck 25-6000-501
With indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector	right	8825 640 050	Aspöck 25-6400-501

Accessories

Description	Order no	Comparative no
Lens, left/right	8818 856 000	Aspöck 18-8560-002



Rear light

in hybrid technology, EuroPoint II

Connection	AMP, 7-pin, 4 x Superseal, 2-pin	Width x height x depth	426 x 154 x 85 mm
Voltage	24 V	Protection class	IP54



Approved for vehicles in accordance with ADR

Version	Installation side	Order no	Comparative no
with indicator, brake, rear fog, reversing and LED taillight	left	9067 553 017	Aspöck 25-6030-501
with indicator, brake, rear fog, reversing and LED taillight	right	9067 553 154	Aspöck 25-6430-501



LED rear light

EcoLED II

replaceable lens, spare lens usable on both sides, reduction of spare parts variety: the rear light can be adjusted to the mounting position (LH/RH), taillight features Glowing Body technology, increased visibility thanks to large size lighting area of the brake and taillight functions, dynamic turn indicator, ISO-impulse 13207-1 as a standard (with 24 W), practical click system facilitates installation of the lens, chemical and impact-resistant lens, intelligent partial switch-off of brake light when activating the rear fog light, LED end-outline marker light is mounted with an angled bracket that features a defined breaking point

Connection	ASS 2, 7-pin	Colour	red/clear/yellow
Voltage	24 V	Protection class	IP54
Width x height x depth	360 x 146 x 45 mm		



approved for vehicles in accordance with ADR

Version	Installation side	Order no	Comparative no
with indicator, brake, rear fog, reversing and taillight, triangular reflector	left	1095 521 001	Aspöck 25-4121-001
with indicator, brake, rear fog, reversing and taillight, triangular reflector	right	1095 520 001	Aspöck 25-4120-001

Accessories

Description	Order no	Comparative no
Lens, Left/right	1095 536 001	Aspöck 18-8536-001



Rear light Ecopoint II

Connection	ASS 2, 7-pin	Colour	red/clear
Voltage	24 V	Type	surface-mounting
Width x height x depth	350 x 135 x 85 mm	Protection class	IP56K



approved for vehicles in accordance with ADR

Version	Installation side	Order no	Comparative no
With indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector	left	4500 290 001	Aspöck 25-2800-501
With indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector	right	4500 290 002	Aspöck 25-2900-501
with indicator, brake, rear fog, reversing, tail and side marker light, clearance light and triangular reflector	left	4500 290 011	Aspöck 25-2810-501
with indicator, brake, rear fog, reversing, tail and side marker light, clearance light and triangular reflector	right	4500 290 012	Aspöck 25-2910-501

Accessories

Description	Order no	Comparative no
Lens, left	9068 528 002	Aspöck 18-8528-002
Lens, right	9068 529 002	Aspöck 18-8529-002



LED rear light

compact design, low electricity consumption, integrated trailer detection (flasher monitoring) as per ECE 48 without additional control gear, integrated last side marker light including retro-reflector, LCG-function for flasher function already integrated

Connection	ASS 2, 7-pin	Colour	red/clear
Voltage	24 V	Type	surface-mounting
Width x height x depth	350 x 130 x 71 mm	Protection class	IP56K



Slot hole required

approved for vehicles in accordance with ADR

Version	Installation side	Order no	Comparative no
with indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector	left	4500 290 211	Aspöck 25-3800-501
with indicator, brake, rear fog, reversing, tail light and side marker light, triangular reflector	right	4500 290 212	Aspöck 25-3900-501



LED rear light EcoLED

Connection	ASS 2, 7-pin, 2 x ASS 2, 2-pin	Width x height x depth	350 (473) x 130 x 71 mm
Voltage	24 V	Protection class	IP56K



Slot hole required

approved for vehicles in accordance with ADR

Version	Installation side	Order no	Comparative no
with indicator, brake, rear fog, reversing, tail and side marker light, clearance light and triangular reflector	left	9063 820 511	Aspöck 25-3820-511
with indicator, brake, rear fog, reversing, tail and side marker light, clearance light and triangular reflector	right	9063 920 511	Aspöck 25-3920-511



LED position light

Unipoint I

high light output with low power consumption, direct cable exit on the back of the light

Version	with reflector
Connection	P+R plug
Voltage	24 V
Width x depth	119 x 44 mm
Distance betw. holes	70 mm
Colour	red
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR



Order no	Comparative no
8831 780 401	Aspöck 31-7804-014



LED position light

Posipoint II

Voltage	12/24 V
Fastening	2 holes
Width x height x depth	81,4 x 24,34 x 20,5 mm
Distance betw. holes	57,5 mm
Cable length	500 mm
Colour	red
Protection class	IP69K

Please order sealing cap for P+R connector (EP 9067 551 384 or Aspöck 15-5971-014) separately.
Optional surface-mounted housing available.
approved for vehicles according to ADR



Connection	Order no	Comparative no
open-end cable	1095 500 064	Aspöck 31-7200-064
P+R plug	8831 720 400	Aspöck 31-7204-004



LED position light

Flatpoint II

Version	with reflector
Connection	P+R plug
Voltage	24 V
Width x depth	101 x 44 mm
Distance betw. holes	84 mm
Cable length	500 mm
Colour	red
Protection class	IP69K

Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR



Order no	Comparative no
8831 640 401	Aspöck 31-6405-014



LED position light

Monopoint II

Connection	open-end cable
Voltage	12/24 V
∅ x height	38 x 29 mm
Cable length	3500 mm
Colour	red
Protection class	IP69K

approved for vehicles in accordance with ADR



Order no	Comparative no
4500 202 096	Aspöck 31-6800-014



LED rear light

LC12 Glowing, With pulse for indicator failure control

Version	With indicator, brake light, rear fog light, reversing light and side marker light, with triangle reflector
Connection	AMP 1.5 (round plug) rear, 7-pole, 4 x 2-pole Superseal connectors
Voltage	24 V
Width x height x depth	350 x 130 x 40 mm
Lens colour	red/clear
Type	Surface-mounting, horizontal



Approved for vehicles in accordance with ADR

Installation side	Order no	Comparative no
Left	3900 161 280	Vignal 161280
Right	3900 161 290	Vignal 161290



LED rear light

LC12T, with pulse for indicator failure control

Version	with indicator, brake, rear fog, reversing and tail light, triangular reflector
Connection	AMP (round connector) rear, 7-pole, 4 x 2-pole Superseal connections
Voltage	24 V
Width x height x depth	350 x 130 x 40 mm
Lens colour	red/clear
Type	surface-mounting, horizontal

Installation side	Order no	Comparative no
left	3900 161 000	Vignal 161000
right	3900 161 010	Vignal 161010



Rear light

LC8T

Connection	AMP 1.5
Bulb type	P21W, R5W
Voltage	24 V
Fastening	2 x M10
Width x height x depth	400 x 160 x 88,5 mm
Colour	red/clear/yellow
Type	surface mounted, horizontal



approved for vehicles according to ADR

Version	Installation side	Order no	Comparative no
with indicator, brake, number plate, rear fog, reversing, tail, side marker and clearance light, triangle reflector	left	6211 560 600	Vignal 156060
with indicator, brake, rear fog, reversing, tail, side marker and clearance light, triangle reflector	right	6211 560 500	Vignal 156050



LED rear light

LCR19

Installation side Left/right
 Voltage 24 V
 ∅ x depth 140 x 45 mm
 Lens colour red/clear
 Protection class IP69K



E-approval / EMC approval
 Approved for vehicles in accordance with ADR

Version	Connection	Colour	Order no	Comparative no
With indicator, brake and tail light	AMP MCP 4-pole, additionally 2x SuperSeal 2-pole	red/yellow ¹	3900 213 010	Vignal 213010
With indicator, brake and tail light	AMP MCP 4-pole, additionally 2x SuperSeal 2-pole	red/yellow	3900 213 070	Vignal 213070
With indicator, brake and tail light	AMP MCP 4-pin	red/yellow	3900 213 090	Vignal 213090
with rear fog and reversing light	AMP MCP 4-pole, additionally 2x SuperSeal 2-pole	red/clear	3900 213 150	Vignal 213150

¹ With indicator failure check



LED position light

SMD04

Version with reflector
 Connection Click-in connection for flat cable
 Voltage 24 V
 Width x height x depth 126,8 x 36 x 15 mm
 Cable length 500 mm
 Colour red



E-approval
 approved for vehicles according to ADR

Order no	Comparative no
3900 104 170	Vignal 104170



LED rear light

Version With indicator, brake light, rear fog light, reversing light and tail light, with triangle reflector
 Connection cable with open end
 Voltage 12/24 V
 Width x height x depth 350 x 131 x 81 mm
 Distance betw. holes 150 mm
 Cable length 2000 mm
 Colour red/clear/yellow
 Protection class IP68

Approved for electromagnetic compatibility (EMC)

Installation side	Order no	Comparative no
left	1007 031 201	Strands 80031201
right	1007 031 202	Strands 80031202



LED rear light

Version with indicator, brake, reversing and tail light
 Connection Cable with open end
 Voltage 24 V
 Width x height x depth 397 x 128 x 46 mm
 Cable length 400 mm
 Protection class IP67

E-approval/EMC approval

Order no	Comparative no
1007 000 326	Strands CLC-888L



LED rear light

Connection Cable with open end
 Voltage 12/24 V
 Ø x depth 140 x 25 mm
 Cable length 2000 mm
 Colour amber/red
 Protection class IP66, IP68

E-approval/EMC approval

Version	Lens colour	Order no	Comparative no
with indicator, brake and tail light	red	1007 000 134	Strands 800744
with indicator, brake, fog and tail light	red/yellow	1007 000 132	Strands 800742
with indicator, brake and tail light	red/yellow	1007 000 128	Strands 800732

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LED rear light

Connection cable with open end
 Voltage 10-30 V
 Ø x depth 122/155 x 43,2 mm
 Cable length 2500 mm
 Protection class IP67

E-approval / EMC approval

Version	Order no	Comparative no
with rear fog and reversing light	1007 000 040	Strands 800141
with indicator, brake and tail light	1007 000 039	Strands 800140



LED rear lighting

Connection cable with open end
 Voltage 12/24 V
 Ø x depth 155/162,3 x 49 mm
 Cable length 2500 mm
 Lens colour dark
 Protection class IP67

E-approval / EMC approval

Description	Version	Installation side	Fig.	Order no	Comparative no
LED rear light	with indicator, brake and tail light	Left	1	1007 800 621	Strands 800621
LED rear light	with indicator, brake and tail light	Right	1	1007 800 622	Strands 800622
LED rear light	with brake and tail light	left/right	2	1007 800 620	Strands 800620
LED rear light	With rear fog and reversing light	left/right	3	1007 800 624	Strands 800624
LED indicator light		left/right	4	1007 800 623	Strands 800623



LED rear lighting
DARK KNIGHT IZE LED

Connection Cable with open end Cable length 2500 mm
 Voltage 24 V DC Protection class IP66
 Width x height x depth 110 x 130 x 45 mm

E-approval / EMC approval

Description	Version	Fig.	Order no	Comparative no
LED rear light	With indicator, brake and tail light	1	1007 800 630	Strands 800630
LED rear light	With brake and tail lamp	2	1007 800 631	Strands 800631
LED indicator light		3	1007 800 632	Strands 800632
LED rear fog lamp		2	1007 800 633	Strands 800633
LED reversing light		4	1007 800 634	Strands 800634



LED rear light
IZE LED

Connection cable with open end Cable length 2500 mm
 Voltage 24 V Lens colour clear
 Width x height x depth 110 x 130 x 45 mm Protection class IP66
 Distance betw. holes 115 mm

E-approval / EMC approval

Description	Version	Fig.	Order no	Comparative no
LED rear light	with brake and tail light	1	1007 000 034	Strands 800126
LED rear light	with tail light	2	1007 000 032	Strands 800123
LED indicator light		3	8000 800 127	Strands 800127
LED rear fog lamp		4	1007 000 035	Strands 800128
LED reversing light		5	8000 811 600	Strands 800116



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LED rear lighting

IZE LED

Connection Cable with open end
 Bulb type LED
 Voltage 24 V
 Width x height x depth 110 x 130 x 45 mm
 Cable length 2500 mm
 Lens colour clear
 Protection class IP 66

E-approval / EMC approval

Description	Version	Fig.	Order no	Comparative no
LED rear light	with indicator, brake and tail light	1	1007 800 108	Strands 800108
LED rear light	with tail and brake light	2	8000 811 000	Strands 800110
LED rear light	with tail light	3	1007 000 030	Strands 800109
LED indicator light		4	8000 811 110	Strands 800111
LED rear fog lamp		3	1007 000 031	Strands 800114



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LED rear lighting

DARK KNIGHT SLIM

Connection cable with open end
 Voltage 12/24 V
 Width x height x depth 238 x 10,4 x 20,6 mm
 Cable length 1000 mm
 Colour red
 Lens colour dark
 Protection class IP66, IP68

E-approval / EMC approval

Description	Version	Fig.	Order no	Comparative no
LED rear light	With brake and tail lamp	1	1007 800 335	Strands 800335
LED indicator light		2	1007 800 334	Strands 800334



LED position light

Voltage 12/24 V
 Width x height x depth 114 x 40 x 25 mm
 Colour red
 Protection class IP66, IP68

Order no	Comparative no
1007 000 215	Strands 800291-N



LED position light

Voltage 12/24 V
 Width x height x depth 79 x 25 x 15 mm
 Cable length 5000 mm
 Colour red
 Protection class IP66, IP68

E-approval / EMC approval

Lens colour	Fig.	Order no	Comparative no
dark	1	1007 810 029	Strands 810029
red	2	1007 000 152	Strands 810020
white	3	1007 810 024	Strands 810024

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LED position light
DARK KNIGHT SLIM

Connection cable with open end
Voltage 12/24 V
Width x height x depth 238 x 10,4 x 20,6 mm
Cable length 1000 mm
Colour red
Lens colour dark
Protection class IP66, IP68

E-approval / EMC approval

Order no	Comparative no
1007 800 333	Strands 800333



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LED position light
DARK KNIGHT SLIM

Connection cable with open end
Voltage 12/24 V
Width x height x depth 84 x 24 x 10,4 mm
Cable length 1000 mm
Colour red
Lens colour clear
Protection class IP66, IP68

E-approval / EMC approval

Order no	Comparative no
1007 800 331	Strands 800331

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LED position light
SLIM

Connection cable with open end
Voltage 9-36 V
Colour red
Lens colour red
Protection class IP66, IP68

E-approval/EMC approval

Description	Width x height x depth	Cable length	Order no	Comparative no
with 3 LEDs	83,8 x 24,2 x 10,4 mm	230 mm	1007 000 101	Strands 800341
with 9 LED's	238 x 20,6 x 10,4 mm	390 mm	1007 000 107	Strands 800347
with 12 LEDs	83,8 x 24,2 x 10,4 mm	230 mm	1007 000 104	Strands 800344

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LED position light
DARK KNIGHT VIKING

Connection cable with open end
Voltage 12/24 V
Ø x depth 78 x 33 mm
Cable length 5000 mm
Colour red
Protection class IP66, IP68

E approval / EMC approval
approved for vehicles in accordance with ADR



Lens colour	Order no	Comparative no
dark	1007 800 410	Strands 800410
clear	1007 000 118	Strands 800407
red	1007 000 115	Strands 800401



LED rear light PRO-CURVE

Version With indicator, brake light, rear fog light, reversing light and tail light, with triangle reflector
 Connection Cable with open end
 Voltage 12/24 V
 Width x height x depth 351,6 x 142 x 26,3 mm
 Cable length 2000 mm
 Protection class IP6K9K

E-approval/EMC approval approved for vehicles according to ADR



Installation side	Order no	Comparative no
left	4500 029 211	Proplast 40 292 011
right	4500 029 212	Proplast 40 292 012



LED rear light PRO-CURVE

Lens made of shatterproof polycarbonate, LED luminaire Waterproof encapsulation, extremely flat design

Version with dynamic indicator function, with brake light, rear fog light, reversing light and tail light, with triangular reflector
 Connection Cable with open end
 Voltage 12/24 V
 Width x height x depth 351,6 x 142 x 26,3 mm
 Cable length 2000 mm
 Protection class IP6K9K

E-approval/EMC approval approved for vehicles according to ADR



Installation side	Order no	Comparative no
left	4540 292 511	Proplast 40 292 511
right	4540 292 512	Proplast 40 292 512



LED rear light PRO-DISC

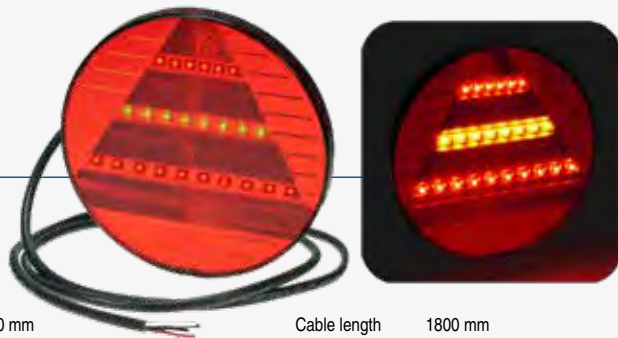
LED luminaire waterproof encapsulated, extremely flat design

Connection Cable with open end
 Voltage 12/24 V
 Depth 150 mm
 Cable length 1800 mm
 Protection class IP6K9K

E-approval/EMC approval approved for vehicles according to ADR



Version	Order no	Comparative no
With indicator, brake light and tail light, with triangular reflector	4540 050 001	Proplast 40 050 001
With indicator, brake and tail light, without triangular reflector	4540 050 501	Proplast 40 050 501



LED rear light PRO-SUPER-DISC

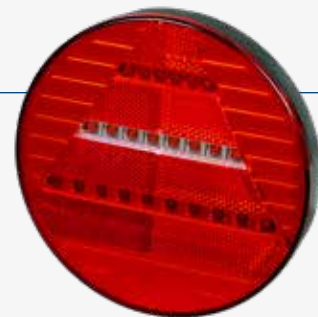
LED luminaire waterproof encapsulated

Installation side left/right
 Voltage 12-24 V
 Depth 150 mm
 Colour red
 Protection class IP6K9K

E-approval/EMC approval approved for vehicles according to ADR



Version	Connection	Order no	Comparative no
with triangular reflector and integrated indicator failure check	Cable 1.8 m	4540 050 601	Proplast 40 050 601
with triangular reflector, integrated indicator failure check and integrated indicator module for LED side marker light	Cable 1.8 m, additional 2-pin AMP SS connector	4540 050 701	Proplast 40 050 701





LED rear light PRO-LOOP

Version With dynamic indicator function, brake light and tail light
 Connection cable with open end
 Voltage 12/24 V
 Depth 38,2 mm
 Ø 150 mm
 Cable length 500 mm
 Protection class IP6K9K



E-approval / EMC approval
 Approved for vehicles in accordance with ADR

Installation side	Order no	Comparative no
Left	4500 202 941	Proplast 40 202 941
Right	4500 202 942	Proplast 40 202 942

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LED rear light PRO-CAN XL, with 18 LEDs

Version with indicator, brake and tail light	Width x height x depth 252 x 22 x 18 mm
Connection Cable with open end	Cable length 500 mm
Installation side left/right	Type Cultivation
Voltage 24 V	Protection class IP67
Fastening horizontal/vertical	



E-approval
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Housing colour	Fig.	Order no	Comparative no
transparent	1	4540 026 442	Proplast 40 026 442
red	2	4540 026 042	Proplast 40 026 042



LED rear light PRO-TWIN-CAN

Installation side left/right	Cable length 500 mm
Connection cable with open end	Lens colour red
Voltage 12/24 V	Protection class IP6K9K
Fastening horizontal/vertical	Type surface-mounting
Width x height x depth 143,4 x 43,4 x 20 mm	



E approval / EMC approval
 approved for vehicles in accordance with ADR

Version	Fig.	Order no	Comparative no
with brake, indicator and tail light	1	4540 073 001	Proplast 40 073 001
With reversing and rear fog light	2	4540 073 002	Proplast 40 073 002
with brake, indicator and tail light	3	4540 073 012	Proplast 40 073 012

¹ „Eco“ version without indicator failure check



LED rear light PRO-TWIN-CAN

Installation side	left/right	Cable length	500 mm
Connection	cable with open end	Lens colour	clear
Voltage	12/24 V	Protection class	IP6K9K
Fastening	horizontal/vertical	Type	flush-mounted
Width x height x depth	143,4 x 50,3 x 18 mm		

E approval / EMC approval
approved for vehicles in accordance with ADR



Version	Fig.	Order no	Comparative no
With reversing and rear fog light	1	4540 073 702	Proplast 40 073 702
with brake, indicator and tail light	2	4540 073 712	Proplast 40 073 712



LED rear fog/reversing light PRO-DISC FR

PRO-DISC FR

LED luminaire waterproof encapsulated, extremely flat design

Connection	Cable with open end	∅	150 mm
Voltage	12/24 V	Cable length	1800 mm
Depth	19 mm	Protection class	IP6K9K

E-approval/EMC approval
approved for vehicles according to ADR



Order no	Comparative no
4540 053 002	Proplast 40 053 002



LED rear fog/reversing light PRO-LOOP

Connection	cable with open end	Cable length	500 mm
Voltage	12/24 V	Type	surface-mounting/flush-mounting
∅	150 mm	Protection class	IP6K9K
Depth	38,2 mm		

E approval / EMC approval
approved for vehicles in accordance with ADR



Order no	Comparative no
4500 149 242	Proplast 40 149 242



Numberplate lamp

Installation side	left/right	Fastening	2 x M5
Bulb type	C5W	Pin spacing	45 mm
Voltage	12/24 V	Colour	clear
Width x height x depth	83 x 50 x 30 mm	Type	surface-mounting

Order no

5129 000 024



LED numberplate lamp

Version	screwed on	Colour	clear
Voltage	24 V	Type	surface-mounting
Width x height x depth	63 x 93 x 66,2 mm	Protection class	IP6K9K
Cable length	2000 mm		

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Connection	Order no	Comparative no
6.3 x 0.8 mm flat plug	9260 001 058	HELLA 2KA 010 278-021
6.3 x 0.8 mm blade receptacle	9260 001 152	HELLA 2KA 010 278-031



LED numberplate lamp

Connection	2-wire cable with 2-pole EasyConn socket housing
Version	screwed on
Installation side	left/right
Voltage	24 V
Width x height x depth	63 x 93 x 66,2 mm
Fastening	2x M5x35
Distance betw. holes	72 mm
Cable length	500 mm
Colour	clear
Type	surface-mounting
Protection class	IP6K9K

approved for vehicles in accordance with GGVS/ADR



Order no	Comparative no
9260 001 167	HELLA 2KA 010 278-051



LED numberplate lamp

Version	screwed
Voltage	24 V
Width x height x depth	93 x 63 x 66 mm
Colour	clear
Type	Cultivation
Protection class	IP6K9K

approved for vehicles according to ADR



Order no	Comparative no
0010 278 071	HELLA 2KA 010 278-071



LED numberplate lamp

Version	screwed on
Voltage	12/24 V
Width x height x depth	66,2 x 93 x 63 mm
Colour	clear
Type	surface-mounting
Protection class	IP5K9K



approved for vehicles in accordance with GGVS/ADR

Connection	Cable length	Order no	Comparative no
Quick-Link	2000 mm	0012 271 031	HELLA 2KA 012 271-031
Quick-Link	500 mm	0012 271 041	HELLA 2KA 012 271-041
Superseal	500 mm	0012 271 051	HELLA 2KA 012 271-051
Superseal	1300 mm	0012 271 061	HELLA 2KA 012 271-061



Numberplate lamp

Regpoint

modern design, Sofitte 5 watt light – impact-resistant, PG-gland cable entry on bottom of light, various mounting options

Connection	P+R plug
Voltage	24 V
Width x height x depth	60 x 100 x 56 mm
Cable length	500 mm
Colour	clear
Protection class	IP54



Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR

Order no	Comparative no
8836 300 401	Aspöck 36-3004-014



LED numberplate lamp

Regpoint II

Connection	P+R plug
Voltage	12/24 V
Width x height x depth	98 x 48 x 45 mm
Colour	clear
Type	standard
Protection class	IP54



Closure cap for P+R connector (EP 9067 551 384 and/or Aspöck 15-5971-014), please order separately.
approved for vehicles in accordance with ADR

Cable length	Order no	Comparative no
500 mm	1095 504 004	Aspöck 36-3804-004
2000 mm	9063 804 017	Aspöck 36-3804-014



LED numberplate lamp

LPL18

Connection Superseal 2-pole connector plug
Voltage 12/24 V
Protection class IP6K9K



Fastening	Width x height x depth	Order no	Comparative no
Clip	81 x 52,5 x 44,5 mm	0390 199 000	Vignal 199000
screwed	100,6 x 92,45 x 48,6 mm	0390 199 020	Vignal 199020
screwed	81 x 52,5 x 44,5 mm	0390 199 040	Vignal 199040



Numberplate lamp

EEP96

Installation side left/right
Voltage 12/24 V
Width x height x depth 100 x 58,2 x 53,5 mm
Fastening 2 x M6
Cable length 410 mm
Colour clear
Type surface-mounting



approved for vehicles according to ADR

Connection	Order no	Comparative no
Click-in cable	6210 010 502	Vignal D10502
PE Connector plug	6216 710 500	Vignal 196020



LED numberplate lamp

EEP96 LED

Connection Click-in cable
Voltage 24 V
Width x height x depth 100 x 58 x 53,5 mm
Pin spacing 75 mm



approved for vehicles according to ADR

Cable length	Order no	Comparative no
400 mm	3900 013 609	Vignal D13609
1500 mm	3900 013 610	Vignal D13610

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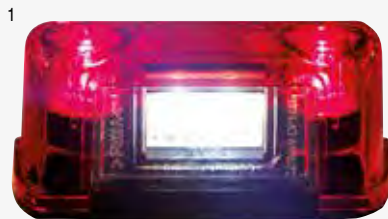


LED numberplate lamp

Connection cable with open end
Colour clear
Protection class IP68

Approved for electromagnetic compatibility (EMC)

Voltage	Width x height x depth	Cable length	Order no	Comparative no
12/24 V	82 x 39 x 31 mm	200 mm	1007 000 198	Strands 800032-S
12/24 V	109 x 56 x 61 mm	130 mm	1007 000 197	Strands 800031-S
24 V	110 x 45 x 48,2 mm	2500 mm	1007 000 028	Strands 800033



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Numberplate lamp

Connection Cable with open end
Voltage 12/24 V
Colour red/clear

Version	Width x height x depth	Pin spacing	Protection class	Fig.	Order no	Comparative no
LED with position light	82,5 x 39 x 31 mm	44 mm	IP66, IP68	1	1007 000 027	Strands 800032
LED with position light	109 x 61 x 55,5 mm	85,5 mm	IP66, IP68	2	1007 000 026	Strands 800031
Halogen with position light	109 x 61 x 55 mm	86 mm	IP64	3	1007 000 025	Strands 800030
LED with position light	101 x 59,6 x 58,5 mm	70 mm	IP66, IP68	4	1007 000 024	Strands 800029



**EURO
PART**

LED working floodlight with 16 LEDs

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	extensive illumination
Connection	cable with open end
Voltage	10-30 V
Power consumption	24 W
Lighting power, real	2200 lm
Lighting power, theoretical	3000 lm
Width x height x depth	110 x 110 x 44 mm
Cable length	1000 mm
Protection class	IP69K

Scope of supply

Heat shrink tubing and solder connectors

approved for vehicles in accordance with ADR



Order no

8001 000 004

WITH REVERSING FUNCTION



**EURO
PART**

LED working floodlight with 16 LEDs and reversing light approval

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	extensive illumination
Connection	DT plug
Voltage	12/32 V
Power consumption	24 W
Lighting power, real	2000 lm
Lighting power, theoretical	2600 lm
Width x height x depth	110 x 110 x 44 mm
Cable length	1000 mm
Protection class	IP69K

approved for vehicles in accordance with ADR



Order no

8001 000 010



**EURO
PART**

LED working floodlight

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	extensive illumination
Connection	cable with open end
Voltage	9-30 V
Power consumption	20 W
Lighting power, real	1200 lm
Lighting power, theoretical	1600 lm
Width x height x depth	70 x 93,5 x 42,4 mm
Cable length	500 mm
Protection class	IP69K

Scope of supply

Heat shrink tubing and solder connectors

approved for vehicles in accordance with ADR



Order no

8001 000 012



**EURO
PART**

LED working floodlight with 9 LEDs

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	extensive illumination
Connection	cable with open end
Voltage	10-30 V
Power consumption	15 W
Lighting power, real	1100 lm
Lighting power, theoretical	1500 lm
Ø x depth	110 mm
Cable length	500 mm
Protection class	IP69K

Scope of supply

Heat shrink tubing and solder connectors

approved for vehicles in accordance with ADR



Order no

8001 000 006



LED working floodlight

Connection	Cable with open end
Voltage	12-60 V
Power consumption	13 W
Lighting power, real	1360 lm
Lighting power, theoretical	1800 lm
Width x height x depth	98,5 x 98,5 (122) x 69,8 mm
Cable length	1500 mm
Protection class	IP69K

approved for vehicles according to ADR



Order no

8129 000 000



LED working floodlight with 6 LEDs

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	Close-range illumination
Connection	cable with open end
Voltage	10-30 V
Power consumption	18 W
Lighting power, real	1200 lm
Lighting power, theoretical	1600 lm
Width x height x depth	159,9 x 57,7 x 54,5 mm
Cable length	500 mm
Protection class	IP69K

Scope of supply

Heat shrink tubing and solder connectors

approved for vehicles in accordance with ADR



Order no

8001 000 007



LED working floodlight with 9 LEDs

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	extensive illumination
Connection	cable with open end
Voltage	10-30 V
Power consumption	24 W
Lighting power, real	1100 lm
Lighting power, theoretical	1500 lm
Width x height x depth	101 x 128 x 37 mm
Cable length	500 mm
Protection class	IP69K

Scope of supply

Heat shrink tubing and solder connectors

approved for vehicles in accordance with ADR



Order no

8001 000 008

WITH REVERSING FUNCTION



LED working floodlight with 9 LEDs and reversing light approval

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	extensive illumination
Connection	DT plug
Voltage	10/30 V
Power consumption	15 W
Lighting power, real	1100 lm
Lighting power, theoretical	1500 lm
Width x height x depth	101 x 128 x 37 mm
Cable length	500 mm
Protection class	IP69K

approved for vehicles in accordance with ADR



Order no

8001 000 011



LED working floodlight with 16 LEDs

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	extensive illumination
Connection	cable with open end
Voltage	12/24 V
Power consumption	24 W
Lighting power, real	1700 lm
Lighting power, theoretical	2300 lm
Width x height x depth	101 x 130 x 37 mm
Cable length	500 mm
Protection class	IP69K

Scope of supply

Heat shrink tubing and solder connectors

approved for vehicles in accordance with ADR



Order no

8001 000 013



LED working floodlight with 4 LEDs

With reverse polarity protection, diffusing lens made of impact- and scratch-resistant plastic

Version	extensive illumination
Connection	cable with open end
Voltage	12/24 V
Power consumption	20 W
Lighting power, real	1200 lm
Lighting power, theoretical	1600 lm
Ø x depth	75 x 43,8 mm
Cable length	500 mm
Protection class	IP69K

Scope of supply

Heat shrink tubing and solder connectors

approved for vehicles in accordance with ADR



Order no

8001 000 014



LED worklight set Black Magic Cube, With 4 LEDs

Connection	DT connector
Voltage	12/24 V
Cable length	500 mm
Housing material	Aluminium
Protection class	IP68, IP69K

Scope of supply

Incl. relay, switch and cable set with DT plug

Approved for electromagnetic compatibility (EMC)

Version	Type	Lighting power, real	Width x height x depth	Fig.	Order no	Comparative no
With floodlight	Attachment	1400 lm	70 x 64/72 x 60 mm	1	0358 176 801	HELLA 1FA 358 176-801
With floodlight	Attachment	3000 lm	81 x 75/83 x 68/78 mm	1	0358 176 811	HELLA 1FA 358 176-811
With spotlight	Attachment	3000 lm	81 x 75/83 x 68/78 mm	2	0358 176 821	HELLA 1FA 358 176-821
With floodlight	Flush-mounted	3000 lm	104/122 x 89 x 68/78 mm	3	0358 176 831	HELLA 1FA 358 176-831



LED working floodlight

Black Magic Cube

Connection DT plug
 Voltage 12/24 V
 Fastening pivoting mounting wing
 Cable length 500 mm
 Type Cultivation
 Protection class IP68, IP69K

Version	Power consumption	Lighting power, real	Width x height x depth	Fig.	Order no	Comparative no
Close-range illumination	20 W	1400 lm	70 x 72 x 60 mm	1	0358 176 841	1FA 358 176-841
Close-range illumination	40 W	3000 lm	81 x 83 x 68 mm	2	0358 176 851	1FA 358 176-851
extensive illumination	40 W	3000 lm	81 x 83 x 68 mm	3	0358 176 861	1FA 358 176-861



LED working floodlight

Flat Beam

Connection open cable ends
 Voltage 12/24 V
 Power consumption 11 W
 Lighting power 1100 lm
 Width x height x depth 190 x 113 x 31 mm
 Cable length 2000 mm
 Type Cultivation

Order no	Comparative no
0996 193 051	HELLA 1GD 996 193-051



HELLA
VALUEFIT

LED working floodlight

Valuefit S3000, With 9 LEDs

Version near-field illumination
 Connection cable with open end
 Voltage 12/24/48 V
 Power consumption 31 W
 Lighting power, real 3000 lm
 Fastening screwed on
 Width x height x depth 100 x 123 x 73 mm
 Cable length 800 mm
 Lens colour white
 Type hanging/standing
 Protection class IP6K7, IP6K9K

Order no	Comparative no
0357 109 002	HELL A 1 GA 357 109-002

strands
-lighting division



LED working floodlight DARK KNIGHT PRESIDENT

Connection DT-2 Plug
Voltage 12-70 V
Width x height x depth 109 x 109/133 x 70 mm
Cable length 2000 mm
Protection class IP69K



EMC approval

Version	Note	Lighting power	Order no	Comparative no
without position light	EMC approval	5400 lm	1007 908 534	Strands 908534
with yellow position light	EMC approval	3000 lm	1007 908 533	Strands 908533
without position light	EMC approval	3000 lm	1007 908 532	Strands 908532
without position light	with reversing light approval	1750 lm	1007 908 531	Strands 908531
with red position light	EMC approval	3000 lm	1007 908 530	Strands 908530

strands
-lighting division



LED working floodlight RED PANDA

Version with position light (red and yellow)
Connection DT-4 plug, 4pole
Voltage 12/24 V
Power consumption 37 W
Lighting power, real 2949 lm
Width x height x depth 72 x 72/81,5 x 72 mm
Cable length 500 mm
Colour red/clear
Lens colour clear
Protection class IP67/69K



EMC approval

Order no	Comparative no
1007 809 211	Strands 809206

strands
-lighting division



LED working floodlight SIBERIA RED FOX

Position light: red and orange

Version with position light (red and yellow)
Connection DT-6 connector
Voltage 12/24 V
Power consumption 41 W
Lighting power, real 3583 lm
Width x height x depth 92,93 x 74,1/87,56 x 74,57 mm
Colour red/clear/yellow
Lens colour clear
Protection class IP67/69K



Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 127	Strands 809125

Part No. 270948

SIBERIA SKYLORD 9" LED

Voltage	10-38V DC	Connection	DT4
Consumption, E-mode	20,6 W	Cable length	500 mm
Consumption, Xperience mode	121 W	Material housing	Aluminium
Theoretical lumen	11 000 lm	Material lens	Polycarbonate
Actual lumen, E-mode	1213	Diameter	228 mm
Actual lumen, Xperience mode	7025	Depth	80,65 mm
1 lux @ E-mode	324 m	Height including bracket	232,85 mm
1 lux @ Xperience mode	768 m	Operating temperature	-30°C - +65°C
IP-class	IP68, IP69K	E-approved	ECE R149, R148
Beam pattern	Combo	Ref	25
Position light	Yes, amber and white	EMC-certificate	ECE R10 CISPR25 Class 3

VIBRATION AND
SHOCKPROOF

SPECIAL COATING FOR
HARSH CONDITIONS

XPERIENCE
MODE

strands
lighting division



strands
-lighting division

LED working floodlight

UNITY

Connection DT connector

Approved for electromagnetic compatibility (EMC)

This figure corresponds to 1007 809 236

Version	Voltage	Power consumption	Lighting power, real	Height x depth	Cable length	Order no	Comparative no
with 4 LEDs	10-32 V	19 W	1300 lm	112,2 x 54,72 mm	250 mm	1007 809 236	Strands 809236
with 4 LEDs	9-32 V	31 W	2200 lm	85,2/95,5 x 41 mm	520 mm	1007 809 237	Strands 809237
with 8 LEDs	10-32 V	10 W	931 lm	67/75 x 26 mm	500 mm	1007 809 235	Strands 809235
with 8 LEDs and reversing light approval	10-32 V	10 W	931 lm	67/75 x 26 mm	500 mm	1007 809 234	Strands 809234
with 9 LEDs	9-32 V	64 W	5200 lm	114,4/120 x 45 mm	520 mm	1007 809 238	Strands 809238
with 16 LEDs	10-32 V	96 W	7366 lm	110,26/144,13 x 57,6 mm	500 mm	1007 809 240	Strands 809240
with 36 LEDs	10-30 V	149 W	13000 lm	118/152,2 x 90,4 mm	200 mm	1007 809 239	Strands 809239



strands
-lighting division

LED working floodlight

MINI, with 4 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	near-field illumination
Voltage	9-30 V DC
Power consumption	12 W
Lighting power, real	468 lm
Width x height x depth	72 x 65/81 x 40,5 mm
Cable length	300 mm
Type	mounting
Protection class	IP67

EMC approval

Order no	Comparative no
1007 809 000	Strands 809000



LED reversing light

Connection	Cable with open end
Voltage	12-36 V
Power consumption	3,5 W
Lighting power, real	400 lm
Lighting power, theoretical	500 lm
Width x height x depth	98,5 x 98,5 (122) x 69,8 mm
Cable length	1500 mm
Protection class	IP69K



EMC approval
approved for vehicles according to ADR

Order no

8129 000 009



LED reversing light

Repulse Pro

extremely wide diffusion of light, rear surface-mounting possible, with incorrect polarity protection, overvoltage protection and surrounding bracket

Version	near-field illumination
Voltage	12/24 V
Power consumption	11 W
Lighting power	900 lm
Width x height x depth	110 x 110/125 x 48 mm
Colour	clear
Type	surface-mounted, suspended/upright
Protection class	IP6K9K, IP6K7



Application range

especially designed for use as an auxiliary reversing function

ECE-R10 and ECE-R23 approval

Approved for vehicles in accordance with ADR

Connection	Cable length	Order no	Comparative no
AMP Superseal connector (2-pin)	2000 mm	0012 456 201	HELLA 2ZR 012 456-201
EasyConn plug (2-pin)	1000 mm	0012 456 211	HELLA 2ZR 012 456-211



LED reversing light

Flat Beam 500, with 30 LEDs

Elegant modern design, extremely flat construction, highly efficient

Voltage	12/24 V
Width x height x depth	113 x 117 x 36(48) mm
Cable length	2500 mm
Lens colour	transparent
Type	Cultivation



ECE-R10 and ECE-R23 approval

Order no	Comparative no
0995 193 051	HELLA 2ZR 995 193-051



LED reversing light

Power Beam 1000,
with 6 LEDs

Connection	DT connector
Voltage	12/24 V
Lighting power	850 lm
Width x height x depth	145,3 x 120,2 x 61,6 mm
Colour	clear
Type	surface-mounting, suspended/upright

ECE-R10 and ECE-R23 approval
Approved for vehicles in accordance with ADR



Order no	Comparative no
0996 188 121	HELLA 2ZR 996 188-121



LED reversing light

Power Beam 1000 Compact,
with 6 LEDs

Version	near-field illumination
Voltage	12/24 V
Power consumption	12 W
Lighting power	1000 lm
Fastening	Bracket mounting, hanging/standing
Width x height x depth	112 x 120 x 61,6 mm
Lens colour	white
Protection class	IP 6K8, IP 6K9K

ECE-R10 and ECE-R23 approval
Approved for vehicles in accordance with ADR



Order no	Comparative no
0996 188 521	HELLA 2ZR 996 188-521



LED reversing light

Thermo Pro Series, Q90 COMPACT LED,
with 4 LEDs

Version	near-field illumination	Width x height x depth	95 x 90 x 55 mm
Voltage	9-33 V	Cable length	2000 mm
Power consumption	15 W	Type	surface-mounting, suspended/upright
Lighting power	1200 lm	Protection class	IP6K9K, IP6K7

ECE-R10 and ECE-R23 approval

Order no	Comparative no
0996 284 501	HELLA 2ZR 996 284-501



LED reversing light

Eco 18

Version	Close-range illumination	Lighting power	1350 lm
Connection	Cable with open end	Fastening	Bracket attachment
Voltage	12/24 V	Width x height x depth	98 x 95/145 x 70 mm
Power consumption	18 W	Protection class	IP6K9K, IP6K7

ECE-R10 and ECE-R23 approval

Connection	Cable length	Order no	Comparative no
Cable with open end	3000 mm	0996 479 501	HELLA 2ZR 996 479-501
DT plug		0996 479 511	HELLA 2ZR 996 479-511





LED reversing light

With 12 LEDs

Connection	DT connector	Width x height x depth	144 x 50/91,7 x 74,5 mm
Voltage	9-30 V	Cable length	300 mm
Power consumption	15 W	Type	mounting
Lighting power	1862 lm	Protection class	IP68

E-approval / EMC approval

Order no	Comparative no
1007 809 030	Strands 809030



LED reversing light

with 6 Power LEDs

Version	with bracket	∅ x depth	88 x 58 mm
Voltage	10-32 V	Cable length	400 mm
Power consumption	18 W	Protection class	IP67
Lighting power	788 lm		

E-approval / EMC approval

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (ADR)



Order no	Comparative no
1007 000 001	Strands 809001



Reversing alarm

Reversing alarm with yellow LED warning light

Voltage	9/80 V	Lens colour	clear
Width x height x depth	87,9 x 101,9 x 43 mm	Protection class	IP67
Cable length	300 mm	Sound pressure level	92-107 dB(A)

Order no	Comparative no
1007 850 200	Strands 850200

FLASHING



LED flashing beacon

with 9 LEDs and shock-proof lens

Version	with double flash function and reverse polarity protection
Voltage	12/24 V
Fastening	flexible pipe nozzle, \varnothing 24 mm
\varnothing x height	145 x 204 mm
Colour	yellow
Protection class	IP68

Approved for electromagnetic compatibility (ECE-R65/EMC)

Order no

5129 000 016

FLASHING



LED flashing beacon

with 20 LEDs and impact-resistant lens

Version	with double flash function and reverse polarity protection
Voltage	12-36 V
Fastening	Flexible pipe socket, \varnothing 24 mm
\varnothing x height	165 x 160 mm
Colour	yellow
Protection class	IP68

ECE-R65/EMV approval

Order no

5129 000 053

ROTATING



LED rotating beacon

Rota LED FL

impact resistant, low-profile polycarbonate beacon dome, **rotating LED light function**, long service life, maintenance-free, high resistance to vibration, minimal power consumption, housing base of rubber

Voltage	12/24 V
Fastening	flexible tube bracket
Power consumption	10 W
\varnothing	135 mm
Height	184 mm
Colour	yellow
Type	Extension
Protection class	IP5KX, IPX4K, IPX9K

EMC approval
approved for vehicles in accordance with ADR



Order no

0010 979 011

Comparative no

HELLA 2RL 010 979-011

FLASHING



LED flashing beacon

K-LED Nano FL

Ultra-compact design with high light intensity, robust housing, impact-resistant polycarbonate light bonnet, vibration-resistant, energy-efficient, long-life LED technology without moving parts, absolutely dustproof and waterproof due to complete sealing

Voltage	12/24 V
Fastening	Flexible pipe socket, \varnothing 24 mm
Power consumption	19 W
\varnothing x height	109 x 125 mm
Colour	yellow
Protection class	IP6K7, IP6K9

EMC approval
Approved for vehicles in accordance with ADR



Order no

0066 146 011

Comparative no

HELLA 2XD 066 146-011

FLASHING



LED flashing beacon

K-LED Blizzard FL

modern design with the latest LED technology, rugged aluminium housing, impact-resistant light bonnet of polycarbonate, flashing light function, with incorrect polarity protection, very good warning effectiveness, synchronisation of up to 4 pilot lights possible

Voltage	12/24 V
Fastening	flexible pipe nozzle, Ø 24 mm
Power consumption	16 W
Ø x height	149 x 132 mm
Colour	clear
Protection class	IP6K7, IP6K9K

E-approval / EMC approval
approved for vehicles in accordance with ADR



Order no	Comparative no
0012 980 011	HELLA 2XD 012 980-011

FLASHING/ROTATING



**HELLA
VALUEFIT**

LED flashing beacon

SLIM

Connection	Cable with open end
Voltage	12/24 V
Fastening	Flexible pipe socket, Ø 24 mm
Power consumption	10 W
Ø x height	142 x 165 mm
Colour	yellow
Protection class	IP67, IP69K

E-approval / EMC approval

Order no	Comparative no
0357 980 011	HELL A 2 XD 357 980-011



LED rotating beacon

ATLAS

Connection	ISO DIN 14620B	Ø x height	140 x 142 mm
Voltage	9/32 V	Lens colour	yellow/orange
Fastening	Pipe sockets	Protection class	IP69K
Power consumption	11 W		

E-approval/EMC approval



Version	Power consumption	Order no	Comparative no
Rotating	11 W	0390 212 420	Vignal 212420
Double flash	17 W	0390 212 460	Vignal 212460

ROTATING



LED rotating beacon

GALAXY

Voltage	10-30 V	Ø x height	128 x 166 mm
Fastening	Pipe socket, flexible Autoblock	Lens colour	yellow
Power consumption	9 W	Standard	ISO 4148/4165

E-approval/EMC approval



Order no	Comparative no
3900 014 488	Vignal D14488

FLASHING/ROTATING



LED flashing beacon

PEGASUS

Voltage 10-30 V
 Fastening Pipe socket, flexible Autoblock
 Power consumption 9 W
 Ø x height 146 x 131 mm
 Lens colour yellow

E-approval/EMC approval

Order no	Comparative no
3900 014 501	Vignal D14501

FLASHING



LED flashing beacon

VENUS

Voltage 10-30 V
 Fastening Pipe socket, flexible Autoblock
 Power consumption 9 W
 Ø x height 128 x 172 mm
 Colour yellow
 Protection class IP69K
 Standard ISO 4148/4165

E approval/EMC approval

Order no	Comparative no
3900 014 728	Vignal D14728



FLASHING

LED flashing beacon

CRUISE LIGHT

Voltage 10-48 V
 Fastening Tube bracket
 Power consumption 52 W
 Ø x height 140 x 131 mm
 Cable length 500 mm
 Colour yellow
 Protection class IP67

E-approval / EMC approval



Lens colour	Order no	Comparative no
yellow	1007 850 955	Strands 850955
clear	1007 850 953	Strands 850953
	1007 850 951	Strands 850951



FLASHING

LED flashing beacon

AMBRA, with 24 LEDs

Voltage 10-48 V
 Fastening Pipe sockets
 Power consumption 40 W
 Ø x height 110 x 140 mm
 Colour yellow
 Protection class IP67

ECE-R65/R10 approval



Order no	Comparative no
1007 850 931	Strands 850931



strands
-lighting division

LED rotating beacon

Slim Beacon

10 different lightning patterns

Voltage 10-33 V
Fastening Pipe sockets
Power consumption 7,3 W
Ø x height 92 x 139 mm
Colour yellow
Protection class IP67

Scope of supply

With switch for flashing pattern and switch-off

Order no	Comparative no
1007 809 051	Strands 809051



PROPLAST
BEACONS & LIGHTING SOLUTIONS

LED rotating beacon

PRO-MULTI-FLASH II

8 warning functions, ultra-flat design, high light output thanks to 18 power LEDs, luminaire sealed waterproof

Voltage 9-30 V
Fastening Flexible pipe socket
Power consumption 27 W
Ø x height 112 x 140 mm
Colour yellow
Protection class IP67

E-approval/EMC approval

approved for vehicles according to ADR



Lens colour	Order no	Comparative no
yellow	4540 599 201	Proplast 40 599 201
transparent	4540 609 001	Proplast 40 599 801

PROPLAST
BEACONS & LIGHTING SOLUTIONS

LED rotating beacon

PRO-MICRO-FLASH

Voltage 12/24 V
Fastening Pipe sockets
Power consumption 3,8 W
Ø x height 62,5/66 x 90,2 mm
Colour yellow

E-approval/EMC approval

Order no	Comparative no
4540 609 501	Proplast 40 608 201



FLASHING

PROPLAST
BEACONS & LIGHTING SOLUTIONS

LED rotating beacon

PRO-POWER-FLASH II

Voltage 12/24 V
Fastening Pipe sockets
Power consumption 3,8 W
Ø 114,4/118 mm
Colour yellow

E-approval/EMC approval

Fastening	Height	Order no	Comparative no
Pipe sockets	126,8 mm	4540 618 501	Proplast 40 609 201
Flexible pipe socket	157 mm	4540 621 501	Proplast 40 609 501



FLASHING



LED hazard warning light Hula-Blitz, for loading tailgate

Slots for easy mounting, die-cast zinc housing, waterproof and dustproof diode block, LED lifetime over 10,000 operating hours

Voltage 12/24 V
Colour yellow
Type universal

Scope of supply
2 x power LEDs

approved for vehicles in accordance with ADR



Order no	Comparative no
3650 010 010	Plastimat 745 100 101



Hazard warning light Hula-Blitz, for loading tailgate

Version Zinc die-cast housing
Voltage 24 V
Height 20,5 mm
Colour yellow

Order no	Comparative no
9500 008 320	Plastimat 741 004 000



LED hazard warning light Hula-Blitz

LED service life over 10,000 operating hours, waterproof and dustproof diode block

Version Zinc die-cast housing
Voltage 24 V
Width x height x depth 115,6 x 16 x 70 mm

Application range

for mounting to the back of hoisting platforms

Scope of supply

2 attachment screws, connection cable 12 cm with contacts

approved for vehicles according to ADR



Order no	Comparative no
9500 008 350	Plastimat 742 200 101



LED hazard warning light Hula-Blitz Mini, for tail lifts

Increased safety due to offset light sources, zinc die-cast housing, water- and dust-proof diode block

Voltage 12/24 V
Colour yellow



Type	Order no	Comparative no
Universal	3657 100 101	Plastimat 747 100 101
Master	3657 200 101	Plastimat 747 200 101
Slave	3657 210 101	Plastimat 747 210 101



LED interior light

Voltage 9-32 V
 Width x height x depth 104,7 x 82 x 16 mm
 Lens colour clear
 Type surface-mounting

Application range
 ideal for use as ceiling lights in refrigerated vans, ambulances, driver's cabs and storage areas

EMC approval

Version	Cable length	Protection class	Order no	Comparative no
with motion sensor	2400 mm	IP 54	0012 557 001	HELLA 2JA 012 557-001
without motion sensor	3400 mm	IP 67	0012 557 701	HELLA 2JA 012 557-011



LED interior light

Connection Cable with open end
 Voltage 24 V
 Width x height x depth 238 x 21 x 10 mm
 Cable length 390 mm
 Lens colour clear

E-approval

Version	Order no	Comparative no
With button	1007 000 099	Strands 800339
With sensor	1007 000 098	Strands 800338



LED interior light

Homogeneous illumination thanks to mirrored cover, clear glass-look lens, sturdy luminaire housing, flat cable

Voltage 12/24 V
 Width x height x depth 64 x 15,5 x 15,5 mm
 Cable length 500 mm
 Colour white
 Lens colour clear
 Protection class IP6K9K

Version	Order no	Comparative no
Without switch	4540 068 003	Proplast 40 068 003
With switch	4540 068 043	Proplast 40 068 043
with PIR sensor	4540 068 073	Proplast 40 068 073



Rectangular reflector

Version self-adhesive
 Width x height x depth 31,5 x 70 x 5 mm
 Type surface-mounting, vertical



approved for vehicles in accordance with ADR

Colour	Order no	Comparative no
clear	0004 412 011	HELLA 8RA 004 412-011
yellow	0004 412 001	HELLA 8RA 004 412-001
red	0004 412 021	HELLA 8RA 004 412-021

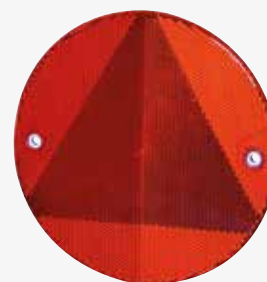
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Triangular reflector with plastic base plate

Version screwed
 Width x depth 156 x 136 mm
 Distance betw. holes 70 mm
 Colour red
 Type Cultivation

Order no	Comparative no
0002 020 002	HELLA 8RA 002 020-002



Round reflector

Version screwed on
 Ø 155,8 mm
 Distance betw. holes 128 mm
 Colour red
 Type surface-mounting

Order no	Comparative no
0343 220 017	HELLA 8RA 343 220-017

PREMIUM PARTS

- !!! 7,500 EUROPART Premium Parts products in original equipment quality
- !!! Multi-stage supplier selection process - only the best become our partners
- !!! Strictest product testing according to automotive standards - no compromises
- !!! 3-year manufacturer's warranty on our Premium Parts own-brand products.





Electrics

Vehicle cables.....	396 – 409
Heat shrink tubing and cable ties	410 – 411
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Rear view cameras.....	418 – 419
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Single-core PVC automotive cable FLY

Cross-section	Core colour	Container	Length	Order no
1 x 1,0 mm ²	■	Coil	100 m	3131 800 001
1 x 1,0 mm ²	■	Coil	100 m	3131 800 000
1 x 1,5 mm ²	■	Coil	100 m	3131 800 007
1 x 1,5 mm ²	■	Ring	50 m	3131 800 005
1 x 1,5 mm ²	■	Coil	100 m	3131 800 006
1 x 1,5 mm ²	■	Ring	50 m	3131 800 002
1 x 1,5 mm ²	■	Coil	100 m	3131 800 003
1 x 1,5 mm ²	□	Coil	100 m	3131 800 004
1 x 2,5 mm ²	■	Ring	50 m	3131 800 013
1 x 2,5 mm ²	■	Coil	50 m	3131 800 026
1 x 2,5 mm ²	■	Coil	50 m	3131 800 012
1 x 4,0 mm ²	■	Ring	50 m	3131 800 019
1 x 4,0 mm ²	■	Coil	25 m	3131 800 020
1 x 4,0 mm ²	■	Ring	50 m	3131 800 018
1 x 6,0 mm ²	■	Ring	50 m	3131 800 024
1 x 6,0 mm ²	■	Ring	50 m	3131 800 023
1 x 10,0 mm ²	■	Ring	50 m	3131 800 009
1 x 10,0 mm ²	■	Ring	50 m	3131 800 008
1 x 16,0 mm ²	■	Ring	50 m	3131 800 010
1 x 25,0 mm ²	■	Ring	50 m	3131 800 014
1 x 35,0 mm ²	■	Ring	50 m	3131 800 016
1 x 50,0 mm ²	■	Ring	50 m	3131 800 021



Multi-core PVC automotive cables

FLYY

Cross-section	Core colour	Container	Length	Order no
2 x 0,75 mm ²	■/■	Ring	200 m	3131 800 028
2 x 0,75 mm ²	■/■	Ring	100 m	3131 800 029
2 x 1,0 mm ²	■/■	Ring	50 m	3131 800 030
2 x 1,5 mm ²	■/■	Ring	50 m	3131 800 034
2 x 1,5 mm ²	■/■	Ring	50 m	3131 800 031
2 x 1,5 mm ²	■/■	Coil	25 m	3131 800 032
2 x 2,5 mm ²	■/■	Ring	50 m	3131 800 037
3 x 1,5 mm ²	■/■/■	Ring	50 m	3131 800 040
4 x 0,75 mm ²	■/□/■/■	Ring	200 m	3131 800 042
4 x 0,75 mm ²	■/■/□/■	Ring	200 m	3131 800 043
4 x 1,0 mm ²	■/□/■/■	Ring	50 m	3131 800 044
4 x 1,5 mm ²	■/□/■/■	Ring	50 m	3131 800 045
5 x 1,0 mm ²	■/□/■/■/■	Ring	50 m	3131 800 046
5 x 1,5 mm ²	■/□/■/■/■	Ring	50 m	3131 800 047
7 x 0,75 mm ²	■/■/■/□/■/■/■	Ring	200 m	3131 800 049
7 x 1,0 mm ²	■/■/■/□/■/■/■	Ring	50 m	3131 800 050
7 x 1,5 mm ²	■/■/■/□/■/■/■	Ring	50 m	3131 800 051
8 x 1,5 mm ²	■/■/■/■/□/■/■/■	Ring	50 m	3131 800 052
9 x 1,5 + 4 x 2,5 mm ²	■/■/■/■/■/□/□-■/□-■/■/■/■-□	Ring	25 m	3131 800 053
12 x 1,5 + 3 x 2,5 mm ²	■/■/■/■/■/■/□/□-■/□-■/□-■/□/■/■/■/■/■-□	Ring	25 m	3131 800 054



PVC flat vehicle cable

FLFYY

Cross-section	Core colour	Container	Length	Order no
2 x 2,5 mm ²	■/■	Ring	50 m	3131 800 036



Supply cable

Voltage 24 V
 Cross-section 5 x 1,5 + 2 x 4 mm²
 Version multi-core
 Material PU



Application range
 for vehicles with EBS (ISO 7638)

Core colour	Length	Container	Order no
■/■/□-■/□-■/□	25 m	Ring	3131 800 882
■/■/□-■/□-■/□	50 m	Ring	3131 800 881

8



Battery box Park Safety Fix

Battery box for self-sufficient power supply provides increased warning effectiveness for parked trailers, enables control of the lighting even when the trailer is uncoupled, compact and simple design, robust, powder-coated metal housing for best protection against corrosion, intelligent charging management provides long battery life

Voltage 24 V
 Number of poles 15/2/2
 Length 360 mm
 Width 200 mm

Scope of supply
 Power supply unit
 approved for vehicles according to ADR

Order no	Comparative no
0340 355 201	HELLA 8EN 340 355-201



Adapter cable

Version with EasyConn service set II, 2 x 15-pole socket housing with 500 mm cable, 4-pole DIN bayonet outlet
 Length 15000 mm
 Cross-section 8 x 1 + 2 x 2,5 mm²
 Standard DIN/ISO 12098



approved for vehicles according to ADR

Order no	Comparative no
0340 817 361	HELLA 8KA 340 817-361



Main supply line EasyConn 15-wire

12 x 1,0 mm²/3 x 2,5 mm² with two 15-pole EasyConn socket housings, fully assembled and moulded, without additional outgoing lines

approved for vehicles according to ADR



Length	Order no	Comparative no
10000 mm	0340 815 011	HELLA 8KA 340 815-011
12000 mm	0340 815 021	HELLA 8KA 340 815-021



Main supply line EasyConn 10-wire

8 x 1,0 mm²/2 x 2,5 mm² with two 15-pole EasyConn socket housings, fully assembled and moulded, without additional outgoing lines

Length 9000 mm

approved for vehicles according to ADR



Order no	Comparative no
0340 816 001	HELLA 8KA 340 816-001



Front adapter cable EasyConn for semi-trailer

15-wire (12 x 1,0 mm²/3 x 2,5 mm²) from 15-pole EasyConn contact housing to 15-pole socket DIN/ISO 12098

Suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles according to ADR



Length	Order no	Comparative no
600 mm	0340 842 001	HELLA 8KA 340 842-001
1700 mm	0340 842 011	HELLA 8KA 340 842-011



Front adapter cable EasyConn for trailers

15-wire (12 x 1,0 mm²/3 x 2,5 mm²) from 15-pole EasyConn contact housing to 15-pole connector DIN/ISO 12098

Suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles according to ADR



Length	Order no	Comparative no
3500 mm	0340 843 001	HELLA 8KA 340 843-001
6000 mm	0340 843 021	HELLA 8KA 340 843-021



Front adapter cable

EasyConn for semi-trailer

2 x 7-wire from 15-pole EasyConn contact housing to socket 7-N DIN/ISO 1185 (line 3 x 2,5 mm²/4 x 1,5 mm²) and socket 7-S DIN/ISO 3731 (line 7 x 1,5 mm²)

Suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles according to ADR



Length	Order no	Comparative no
600 mm	0340 818 011	HELLA 8KA 340 818-011
1700 mm	0340 818 001	HELLA 8KA 340 818-001



Front adapter cable

EasyConn for trailers

2 x 7-wire from 15-pole EasyConn contact housing to connector 7-N DIN/ISO 1185 (line 3 x 2,5 mm²/4 x 1,5 mm²) and connector 7-S DIN/ISO 3731 (line 7 x 1,5 mm²)

Length 3500 mm

Suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles according to ADR



Order no	Comparative no
0340 841 001	HELLA 8KA 340 841-001

8



Rear adapter line

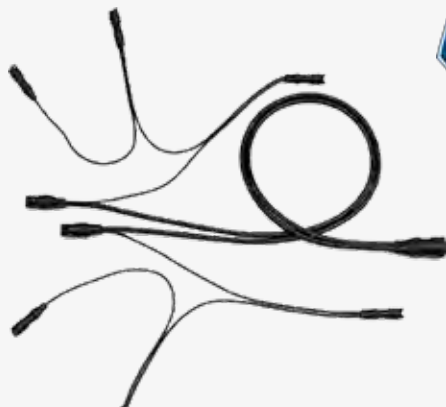
EasyConn

with 15-pole EasyConn contact housing, outgoing to two 7-wire lines (each 1300 mm long), with 7-pole EasyConn socket housing (for rear lights) as well as with three per side 2-pole EasyConn contact housings (e.g. for number plate lights, rubber arm lights and side marker light chains), connected through three lines (2 x 0,5 mm²) each side, with a cable length of 500 mm between the individual contact housings

Suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles according to ADR

Order no	Comparative no
0340 819 001	HELLA 8KA 340 819-001



Rear adapter line

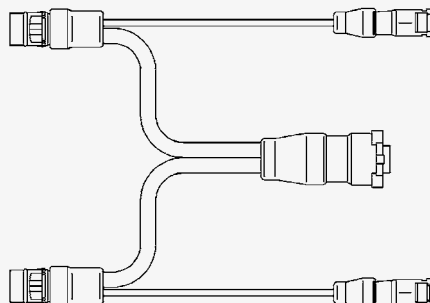
EasyConn

with 15-pole EasyConn pin housing outgoing to two 7-core cables (each 3000 mm long) with 7-pole EasyConn socket housing (for tail lights) and with a 2-pole EasyConn pin housing on each side (e.g. for side marker lights chain), one of which is tightly closed with a sealing cap, connected by a 3000 mm long flat cable (2 x 1,5 mm²) on each side (e.g. for a clearance light with Quick-Link wiring)

Suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles according to ADR

Order no	Comparative no
0340 819 041	HELLA 8KA 340 819-121





Cable set for rear light



Connection EasyConn 2 x 7
 Cross-section 1-1,5 mm²
 Length 1500/2500 mm



approved for vehicles according to ADR

Order no	Comparative no
0340 819 191	HELLA 8KA 340 819-191



Cable set for rear light



Connection DIN 2 x 7, EasyConn II 1 x 15
 Cross-section 1-1,5 mm²
 Length 2000/2000 mm



approved for vehicles according to ADR

Order no	Comparative no
0340 819 421	HELLA 8KA 340 819-421



Adapter cable

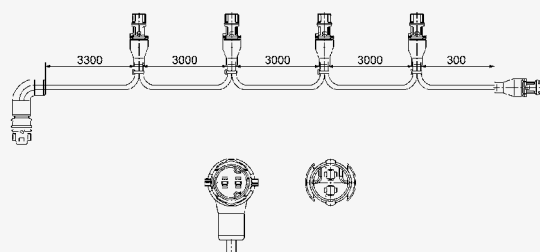


Version with 15-pole EasyConn connector set with 2 x 7-pole DIN bayonet and in each case 3 x AMP Superseal connector outlets with 500 mm cable, overmoulded
 Cross-section 6 x 1 + 1 x 1,5 mm²
 Length 2000 mm



approved for vehicles according to ADR

Order no	Comparative no
0340 819 431	HELLA 8KA 340 819-431



Connection cable for side marker lights

ADR certification

Order no	Comparative no
0340 820 421	Hella 8KB 340 820-421





Harness
 Equipment variant: 6 x SS
 ADR certification, GGVS-tested





Order no	Comparative no
0340 927 011	Hella 8KB 340 927-011





Harness
 Equipment variant: 5 x SS
 ADR certification, GGVS-tested

Order no	Comparative no
0340 927 001	Hella 8KB 340 927-001

Harness
AMP SUPERSEAL
 with shrink-ended cable

Connection AMP SUPERSEAL
 Version with connector, 2-pole
 Cross-section 1,5 mm²

approved for vehicles according to ADR

Length	Order no	Comparative no
8000 mm	0340 038 201	HELLA 8KA 340 038-201
12000 mm	0340 038 221	HELLA 8KA 340 038-221





Flat cable
 for quick-link connections


Number of poles 2 Container roll
 Cross-section 2 x 1,5 mm² Material PVC
 Length 100 m



Scope of supply
 without connector



approved for vehicles according to ADR

Order no	Comparative no
0340 050 021	HELLA 8KL 340 050-001



Harness
AMP SUPERSEAL

Version with connector, 2-pole
 Cross-section 1 mm²
 Length 6000 mm

approved for vehicles according to ADR

Order no	Comparative no
0340 954 001	HELLA 8KA 340 954-001



Harness

Connection EasyConn EC NG
 Version 2-pole
 Length 6000 mm
 Cross-section 1 mm²



approved for vehicles according to ADR

Order no	Comparative no
0340 854 101	HELLA 8KA 340 854-101



Harness

with DT connector and socket housing with open cable ends

Cross-section 2 x 1 mm²
 Length 2000 mm



approved for vehicles according to ADR

Order no	Comparative no
0340 038 131	HELLA 8KA 340 038-131



Adapter cable

Version with 2-pole EasyConn pin housing and 2-pole DT connector, overmoulded
 Cross-section 2 x 1 mm²
 Length 1300 mm



approved for vehicles according to ADR

Order no	Comparative no
0340 854 121	HELLA 8KA 340 854-121



Adapter for cable

Version 15-pole
 Form Y



approved for vehicles according to ADR

Order no	Comparative no
0340 864 011	HELLA 8KA 340 864-011



Y-adapter line EasyConn

2-wire (2 x 0,5 mm²), with 2-pole EasyConn contact housing and two 150 mm long outgoing lines, with one 2-pole EasyConn contact housing and one 2-pole EasyConn socket housing

Form Y



approved for vehicles according to ADR

Order no	Comparative no
0340 859 001	HELLA 8KA 340 859-001



Y-adapter line EasyConn

2-wire (2 x 0,5 mm²), with 2-pole EasyConn contact housing and two 150 mm long outgoing lines each with a 2-pole EasyConn socket housing

Form Y



approved for vehicles according to ADR

Order no	Comparative no
0340 859 011	HELLA 8KA 340 859-011



Harness/intermediate adapter

Version with 2 x 2-pole AMP Superseal socket housing and 1 x 2-pole AMP Superseal pin housing, overmoulded
 Cross-section 2 x 1 mm²
 Length 150 mm

approved for vehicles according to ADR



Order no	Comparative no
0340 859 021	HELLA 8KA 340 859-021



Harness/intermediate adapter

Version with 2 x 2-pole AMP Superseal socket housing and 1 x 2-pole AMP Superseal pin housing, overmoulded
 Cross-section 2 x 1 mm²
 Length 150 mm

approved for vehicles according to ADR



Order no	Comparative no
0340 859 031	HELLA 8KA 340 859-031



Harness/intermediate adapter

Version with 2 x 2-pole AMP Superseal pin housing and 1 x 2-pole AMP Superseal socket housing, overmoulded
 Cross-section 2 x 1 mm²
 Length 150 mm

approved for vehicles according to ADR

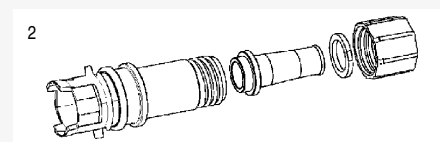
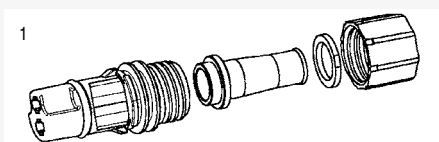


Order no	Comparative no
0340 859 041	HELLA 8KA 340 859-041



Service set for individual cabling

approved for vehicles according to ADR

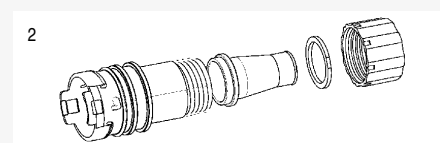
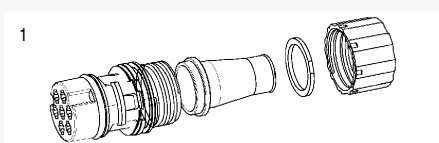


Version	∅	Fig.	Order no	Comparative no
2-pole EasyConn socket housing	19,5 mm	1	0340 879 001	HELLA 9XX 340 879-001
2-pole EasyConn contact housing	24,5 mm	2	0340 882 001	HELLA 9XX 340 882-001



Service set for individual cabling

approved for vehicles according to ADR



Version	∅	Fig.	Order no	Comparative no
7-pole EasyConn socket housing	28 mm	1	0340 880 001	HELLA 9XX 340 880-001
7-pole EasyConn contact housing	33 mm	2	0340 883 001	HELLA 9XX 340 883-001



Plug housing

Number of poles 15
 Ø 39 mm

approved for vehicles according to ADR



Order no	Comparative no
0340 981 001	HELLA 9XX 340 981-001



Socket housing

Number of poles 15
 Ø 44 mm

approved for vehicles according to ADR



Order no	Comparative no
0340 984 001	HELLA 9XX 340 984-001



Sealing cap for 2-pole EasyConn socket housing

for sealing and closing of unneeded EasyConn socket housings
 approved for vehicles according to ADR



Order no	Comparative no
0340 812 007	HELLA 9HV 340 812-007



Cap set

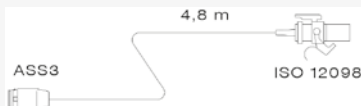
for sealing and closing of unneeded EasyConn contact housings

Scope of supply
 with O-ring

approved for vehicles according to ADR



Number of poles	Order no	Comparative no
2	0340 870 007	HELLA 9XX 340 870-007
7	0340 871 007	HELLA 9XX 340 871-007
15	0340 872 007	HELLA 9XX 340 872-007



Supply cable

Version with 15-pin plug
 Connection ASS 3, 17-pin
 Voltage 24 V
 Cable length 4800 mm
 Standard ISO 12098

approved for vehicles in accordance with ADR



Order no	Comparative no
9067 552 593	Aspöck 53-1667-034



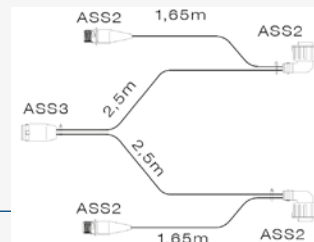
Supply cable

Version with 15-pin socket
 Connection ASS 3, 17-pin
 Voltage 24 V
 Cable length 600 mm
 Standard ISO 12098

approved for vehicles in accordance with ADR



Order no	Comparative no
9085 521 240	Aspöck 53-6768-004



Time relay

17-pin ASS 3 LP 20 connection to main cable, 14-wire cable, 2x 7-pin bayonet connector (socket) connections to rear lights with 1 occupied exit 2-pin bayonet plug 58 L/31 and 58 R/31

Voltage 24 V
Cable length 1650/2500 mm

approved for vehicles in accordance with ADR



Order no	Comparative no
9067 552 115	Aspöck 68-4983-004

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Main cable

Version 10-pin
Connection ASS 3, 17-pin
Voltage 24 V
Cross-section 7 x 1 + 1 x 1,5 + 2 x 2,5 mm²

approved for vehicles in accordance with ADR



Order no	Comparative no
9061 005 027	Aspöck 65-1005-024



Main cable

Connection ASS 3, 17-pin
Voltage 24 V
Cross-section 12 x 1 + 3 x 2,5 mm²

approved for vehicles in accordance with ADR



Order no	Comparative no
1095 507 008	Aspöck 65-1007-004



Ballast

LED control device, LCG 2

for matching the electrical properties of LED lights to the requirements of the tractor vehicle

Version for brake, rear fog, reversing and taillight, without turn indicator monitoring

one LED control unit (LCG2) will be needed per vehicle
approved for vehicles in accordance with ADR



Order no	Comparative no
9067 552 619	Aspöck 75-0309-001



Ballast

LED control device, LCG 1-V2

Adapts the electrical characteristics of LED lights to the needs of tractors that are not LED-compatible yet, compact design, easy and fast retrofitting into an existing Aspöck lighting system/rear light is possible with the fitting plug, light bulb simulation to indicator, brake and taillight, monitoring of LED flasher function

Connection ASS 2, 7-pin

1 x LCG1 is required for every LED rear light without integrated LCG function, so 2 x LCG1 per vehicle.
Only compatible with Aspöck rear lights.

Order no	Comparative no
1095 500 101	Aspöck 75-0300-101



Distribution box

pre-wired, 11 reserve inputs, connection 17-pin ASS 3 LP 20 to main cable, cable 15-core, connections 2 x 7-pin bayonet connector on cable to tail lights, exits assigned (2-pin bayonet): 2 x 58L/31, 2 x 58R/31, 7 reserve inputs, cable length to tail lights 2 x 1300 mm

Voltage	24 V	Width	180 mm
Connection	ASS 1, 15-pin	Height	80 mm
Length	116 mm	Cable length	1 x 1500/2 x 1300 mm

approved for vehicles in accordance with ADR



Order no	Comparative no
9060 052 127	Aspöck 76-6430-001



Distribution box

prewired, low height, LP 20 and LP 30 connections, 6 reserve inputs

Version	with ASS 3 direct connection	Width	180 mm
Voltage	24 V	Height	80 mm
Length	116 mm	Protection class	IP54

Application range

for interposing of main/distributor cables



Order no	Comparative no
9060 052 128	Aspöck 76-5123-001



Socket distributor

Prewired multi-functional enclosure each with 1 socket ISO 1185, 3731 and 12098, 5 connections, cable with 600 mm length

Length	247 mm	Height	120 mm
Width	175 mm	Material	plastic



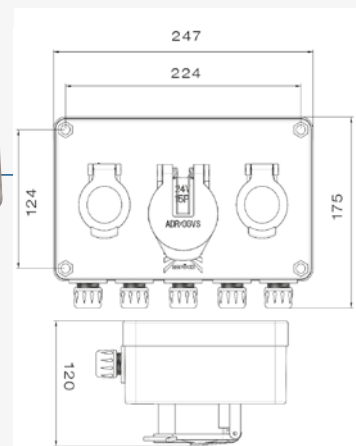
Order no	Comparative no
8812 755 214	Aspöck 76-7037-001



Socket distributor

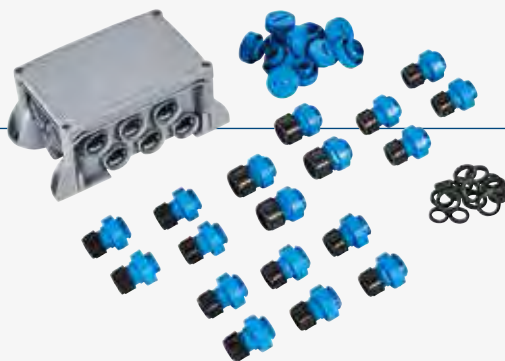
Prewired multi-functional enclosure each with 1 socket ISO 1185, 3731 and 12098, 5 connections, cable with 600 mm length

Version	3-compartment	Cable length	600 mm
Voltage	24 V		



Connection	Order no	Comparative no
ASS 3, 15-pin	8812 755 214	Aspöck 76-7037-001
Bayonet, 15-pin	8876 700 200	Aspöck 76-7002-001

¹ approved for vehicles in accordance with ADR



Distribution box

MDJ

with 16 cable glands, plugs and seals

Connection 80 contacts with 16,3 x 0,8 mm flat plug connection
 Length 210 mm
 Width 115 mm
 Height 85 mm
 Protection class IP67

approved for vehicles according to ADR



Order no	Comparative no
6211 750 200	Vignal 175020



LED control unit

PRO-ECO-LCG

checks the rear brake and indicator light as well as the rear fog light and reversing light

Connection Input side 0.3 m + 7-pin AMP plug
 Output side 0.3 m + 7-pin AMP plug
 Voltage 24 V

EMC approval
 1 LED control unit per vehicle side

This figure corresponds to 4550 141 024

Installation side	Order no	Comparative no
left	4550 141 024	Proplast 50 140 624
right	4550 141 212	Proplast 50 140 625



LED control unit

PRO-LCG, central

checks the rear brake and indicator light as well as the rear fog light and reversing light

Connection Entrance side 3.5 m open end
 Output side 1.25 m open end
 Voltage 24 V

EMC approval
 1 LED control unit per vehicle

Order no	Comparative no
4550 140 024	Proplast 50 140 024



Control unit PRO-BLINK

Suitable for Indicator control for side marker lights
Voltage 10-30 V

approved for vehicles according to ADR
1 recording equipment per vehicle side

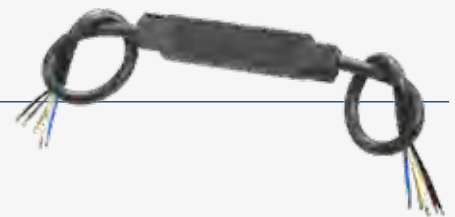


Type	Order no	Comparative no
open end	4550 142 000	Proplast 50 142 000
DC flat cable	4550 173 000	Proplast 50 142 100
AMP	4550 173 100	Proplast 50 142 200



LED control unit PRO-PULSE

The PRO-PULSE serves as a control and ballast unit in front of LED vehicle lights in modern towing vehicles with indicator failure detection according to ISO 13207-1. It is inserted between the supply line to the light and the light itself, so that lights that do not yet have failure detection according to ISO 13207-1 can also be operated on modern vehicles.



Type	Order no	Comparative no
0.3 m open end	4550 307 012	Proplast 50 143 000
5-pin bayonet connector	4550 307 024	Proplast 50 143 012
7-pin AMP SuperSeal connector	4500 143 024	Proplast 50 143 024

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EWOS
3.0





Heat shrink tube

Version double-walled, with adhesive
 Colour black
 Length 30 cm

Shrink rate 3:1

∅	Order no
3,0-1,0 mm	1191 104 618
4,8-1,5 mm	1191 104 619
6,0-2,0 mm	1191 104 620
9,0-3,0 mm	1191 104 621
12,0-4,0 mm	1191 104 622
18,0-6,0 mm	1191 104 623
24,0-8,0 mm	1191 104 624

8



Heat shrink tube

Version double-walled, with adhesive
 Colour black

Shrink rate 3:1

∅	Length	Order no
3,0-1,0 mm	10 m	1191 104 611
4,8-1,5 mm	5 m	1191 104 612
6,0-2,0 mm	5 m	1191 104 613
9,0-3,0 mm	5 m	1191 104 614
12,0-4,0 mm	5 m	1191 104 615
18,0-6,0 mm	3 m	1191 104 616
24,0-8,0 mm	3 m	1191 104 617





Plastic cable tie

Weather and UV resistant

Packaging unit 100
 Colour black
 Material polyamide 6.6

Fire class UL94-V2

Length	Width	Bundle- \varnothing	Order no
100 mm	2,5 mm	22 mm	1191 110 027
140 mm	3,6 mm	33 mm	1191 114 037
160 mm	4,8 mm	38 mm	1191 116 049
188 mm	4,8 mm	46 mm	1191 118 849
200 mm	2,5 mm	53 mm	1191 120 026
200 mm	3,6 mm	53 mm	1191 120 036
200 mm	4,8 mm	50 mm	1191 120 054
200 mm	7,6 mm	50 mm	1191 120 076
250 mm	4,8 mm	60 mm	1191 125 048
292 mm	7,6 mm	76 mm	1191 129 276
292 mm	3,6 mm	76 mm	1191 129 237
300 mm	4,8 mm	76 mm	1191 130 049
368 mm	4,8 mm	102 mm	1191 136 849
368 mm	7,6 mm	102 mm	1191 136 877
430 mm	4,8 mm	110 mm	1191 143 049
610 mm	9 mm	170 mm	1191 163 090
775 mm	9 mm	228 mm	1191 177 590



Adhesion plate

Weather and UV resistant

Material Plastic
 Colour black

Fire class UL94-V2

Scope of supply
 25 piece

Version	Length x width x height	Order no
With adhesive surface	12,7 x 3,2 x 2,8 mm	6300 087 012
with adhesive surface and screw eyelet	19 x 19 x 4,4 mm	6300 087 019
with adhesive surface and screw eyelet	28 x 28 x 5,7 mm	6300 087 028



EBS plug/socket

Standard ISO 7638-1
 Voltage 24 V
 Number of poles 7
 Connection twisted crimp terminal
 Cable cross-section 5 x 1 + 2 x 4 mm²
 Material plastic



Approved for vehicles in accordance with ADR

Description	Order no
EBS plug	3131 124 059
EBS socket	3131 124 057



Plug/Socket

Standard ISO 12098
 Voltage 24 V
 Number of poles 15
 Cable cross-section 12 x 1,5 + 3 x 2,5 mm²
 Material plastic



Approved for vehicles in accordance with ADR

Description	Order no
Plug 1	3131 124 072
Socket 2	3131 124 071

¹ screw connection ² twisted crimp terminal



Plug/Socket

Standard ISO 1185/N-type
 Voltage 24 V
 Number of poles 7
 Connection threaded connection
 Cable cross-section 6 x 1,5 + 1 x 2,5 mm²
 Material metal

Description	Order no
Plug	3131 124 053
Socket	3131 124 052



Plug/Socket

Standard ISO 3731/S-type
 Voltage 24 V
 Number of poles 7
 Connection screw connection
 Cable cross-section 4 x 1,5 + 3 x 2,5 mm²
 Material metal

Description	Order no
Plug	3131 124 056
Socket	3131 124 055



EBS plug

with strain relief and anti-kink grommets for Ø 9-16 mm cables

Voltage 24 V
 Connection screw connection
 Number of poles 7
 Cable cross-section 5 x 1 + 2 x 4 mm²
 Standard ISO 7638-1
 Material plastic

Approved for vehicles in accordance with ADR



Description	Order no
EBS plug	3131 124 058



Plug

with strain relief and grommet for \varnothing 9.5-12.5 mm cables

Voltage 24 V
 Connection screw connection
 Number of poles 7
 Cable cross-section 4 x 1,5 + 3 x 2,5 mm²
 Standard ISO 3731/S-type
 Material plastic

Order no
3131 124 054



Plug

with strain relief and grommet for \varnothing 8-12 mm cables

Voltage 24 V
 Connection screw connection
 Number of poles 7
 Cable cross-section 6 x 1,5 + 1 x 2,5 mm²
 Standard ISO 1185/N-type
 Material plastic

Order no
3131 124 051



Short adapter

from 15-pin socket (ISO 1185) to 2 x 7-pin plug (ISO 13731)

Voltage 24 V



Order no
3131 124 076



Plug/Socket

with strain relief for \varnothing 9.2-11.5 mm cables, with internal seal and PG-gland

Voltage 24 V
 Connection threaded connection
 Number of poles 7
 Cable cross-section 6 x 1,5 + 1 x 2,5 mm²
 Standard ISO 1185/N-type
 Material metal

Description	Order no	Comparative no
Plug	0003 831 001	HELLA 8JA 003 831-001
Socket	0003 833 001	HELLA 8JB 003 833-001



Plug/Socket

with strain relief for \varnothing 9.2-11.5 mm cables, with internal seal and PG-gland

Voltage 24 V
 Connection threaded connection
 Number of poles 7
 Cable cross-section 4 x 1,5 + 3 x 2,5 mm²
 Standard ISO 3731/S-type
 Material metal

Description	Order no	Comparative no
Plug	0003 832 001	HELLA 8JA 003 832-001
Socket	0003 834 001	HELLA 8JB 003 834-001



Plug/Socket

with strain relief and grommet for \varnothing 9.5-12.5 mm cables

Voltage 24 V
 Connection threaded connection
 Number of poles 7
 Cable cross-section 4 x 1,5 + 3 x 2,5 mm²
 Standard ISO 3731/S-type
 Material plastic

capacity 15 A at 24 V

Description	Order no	Comparative no
Plug	0008 084 011	HELLA 8JA 008 084-011
Socket	0008 085 011	HELLA 8JB 008 085-011



Plug/Socket

with strain relief and grommet for \varnothing 8-12 mm cables

Voltage 24 V
 Connection threaded connection
 Number of poles 7
 Cable cross-section 6 x 1,5 + 1 x 2,5 mm²
 Standard ISO 1185/N-type
 Material plastic

Capacity 15 A at 24 V

Description	Order no	Comparative no
Plug	0008 084 001	HELLA 8JA 008 084-001
Socket	0008 085 001	HELLA 8JB 008 085-001

8



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 finder!





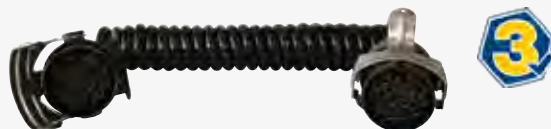
EBS helical cable

Standard ISO 7638-1
 Voltage 24 V
 Number of poles 7
 Working length 4000 mm
 Material polyurethane (PUR)



Approved for vehicles in accordance with ADR

Order no
3131 124 601



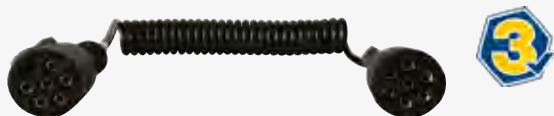
Helical cable

Standard ISO 12098
 Voltage 24 V
 Number of poles 15
 Working length 4000 mm
 Material polyurethane (PUR)



Approved for vehicles in accordance with ADR

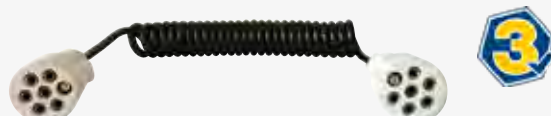
Order no
3131 124 401



Helical cable

Version with plastic connectors
 Standard ISO 1185/N-type
 Voltage 24 V
 Number of poles 7
 Material polyurethane (PUR) This figure corresponds to 3131 124 200

Working length	Order no
3000 mm	3131 124 200
4000 mm	3131 124 207



Helical cable

Version with white plastic connectors
 Standard ISO 3731/S-type
 Voltage 24 V
 Number of poles 7
 Material polyurethane (PUR) This figure corresponds to 3131 124 300

Working length	Order no
3000 mm	3131 124 300
4000 mm	3131 124 305



Adapter cable

Standard ISO 12098 to ISO 1185-N/ISO 3731-S
 Voltage 24 V
 Number of poles 15-7/7
 Working length 3500 mm
 Material polyurethane (PUR)

Version	Order no
12-way contact assignment	3131 124 078



Adapter cable

Standard ISO 12098 to ISO 1185-N/ISO 3731-S
 Voltage 24 V
 Number of poles 15-7/7
 Working length 4000 mm
 Material polyurethane (PUR) This figure corresponds to 3131 124 205

Version	Order no
9-way contact assignment	3131 124 205
13-way contact assignment	3131 124 204



Helical cable

with 2 screwed metal connectors

Standard ISO 1185/N-type
 Voltage 24 V
 Number of poles 7
 Working length, max. 4000 mm
 Material polyurethane (PUR)

Order no	Comparative no
0004 797 071	HELLA 8KA 004 797-071



Helical cable

with 2 screwed metal connectors

Standard ISO 3731/S-type
 Voltage 24 V
 Number of poles 7
 Working length 4000 mm
 Material polyurethane (PUR)

Order no	Comparative no
0004 797 081	HELLA 8KA 004 797-081



EBS helical cable

with 2 assembled EBS connectors and anti-kink grommets

Standard ISO 7638-1
 Voltage 24 V
 Number of poles 7
 Working length, max. 4000 mm
 Material Hytrel

approved for vehicles according to ADR

Order no	Comparative no
0007 648 021	HELLA 8KA 007 648-021





Reversing video system

wireless

Scope of supply

7" colour screen:

- high resolution display
- recording on Micro SD card (not included)
- 12/24 V
- 8 languages available
- adjustable picture: horizontal, vertical, normal, mirrored
- displays up to 4 cameras simultaneously

wireless CMOS camera:

- 12/24 V
- water resistant (IP69K)
- night vision: approx. 10 m (12 infrared LEDs)
- Max. Distance to the monitor: 120 m
- viewing angle 120°
- temperature range -20 to +70 °C



Order no

3900 014 328

8

DOMETIC

Camera

PerfectView CAM 55

Compact CMOS camera with separate IR LED for better night vision, temperature-controlled heater for use in cold conditions, integrated microphone, suitable for direct connection to vehicle power supply (truck adapter as accessory) without connection box, sealing of cable hole by means of press plugs, tested according to ISO 16750 (mechanical load)

Input voltage	10-32 V
Width x height x depth	80 x 50 x 62 mm
Protection class	IP69K

Diagonal angle of view 120°

Horizontal angle of view 90°

Application range

Especially for use in trucks and agricultural vehicles

Scope of supply

20 m connection cable from monitor to camera



Order no

1880 000 555

DOMETIC

Camera

With shutter, PerfectView CAM 80 AHD

Colour camera, LED illumination for high-contrast images at night, integrated microphone, large viewing angle, very robust, protected against dust and stone splinters by a motorised cover

Input voltage	12 V
Width x height x depth	106 x 68 x 54 mm
Protection class	IP69K

Diagonal angle of view 120°

Horizontal angle of view 110°

Scope of supply

20 m cable, installation material



Order no

1880 012 923



Camera

PerfectView CAM 45

Compact CCD camera with separate IR LED for better night vision, heater for use in cold conditions, integrated microphone

Input voltage 12 V
Width x height x depth 78 x 60 x 50 mm

Diagonal angle of view 120°
Horizontal angle of view 80°

Application range

Suitable for use on trucks

Scope of supply

15 m connection cable from monitor to camera and installation material



Product video

Order no

9710 000 523



Extension cable

for rear view camera, PerfectView

Version 6-pole
Colour black

approved for vehicles according to ADR

Cable length	Order no
5 m	1882 200 035
20 m	1882 200 037



Extension cable

for rear view camera, PerfectView

Version 6-pole
Colour white

Cable length	Order no
20 m	1882 200 030
5 m	1882 200 028
10 m	1882 200 036
10 m	1882 200 029



Cable set

for rear view camera, PerfectView PV-CCBL

Application range
Semi-trailer vehicles

Scope of supply
with PK 170, 20 m long system cable

Order no
1880 000 781



Socket

for rear view camera, PerfectView SPK170-PLG

Compatible with the latest generation of camera models

Suitable for SPK 170 Heavy-Duty Spiral Cable Set
Version with system plug

Application range
for extending a reversing system with a semi-trailer/trailer camera

Order no
1882 200 237




Sustainable energy generation,
saves CO₂ and fuel

Solar cell set

- Charge controller Multivolt 12/24 V with intelligent charge control
- PV cables incl. cable attachments
- Adhesive and sealant for cable routing
- Cleaner

Without inverter. Please order additionally if required.

IDEAL FOR TRUCKS

Power	Scope of supply	Order no
110 Wp	2 x 55 Wp CIGS solar cells, 350 x 1150 mm, self-adhesive, circuit breaker 40 A, waterproof	8000 300 110
165 Wp	3 x 55 Wp CIGS solar cells, 350 x 1150 mm, self-adhesive, circuit breaker 40 A, waterproof	8000 300 165

IDEAL FOR VANS AND CRAFTS

Power	Scope of supply	Order no
190 Wp	2 x 95 Wp CIGS solar cells, 350 x 2150 mm, self-adhesive, circuit breaker 40 A, waterproof	8000 300 190
220 Wp	4 x 55 Wp CIGS solar cells, 350 x 1150 mm, self-adhesive, circuit breaker 40 A, waterproof	8000 300 220
240 Wp	3 x 80 Wp CIGS solar cells, 350 x 1850 mm, self-adhesive, circuit breaker 40 A, waterproof	8000 300 240

IDEAL FOR TRAILERS WITH PALLET TRUCK, FORKLIFT OR LIFTING PLATFORM

Power	Scope of supply	Order no
380 Wp	4 x 95 Wp CIGS solar cells, 350 x 2150 mm, self-adhesive, circuit breaker 40 A, waterproof	8000 300 380

IDEAL FOR HEAVY DUTY TRAILERS

Power	Scope of supply	Order no
640 Wp	8 x 80 Wp CIGS solar cells, 350 x 1850 mm, self-adhesive, circuit breaker 60 A, waterproof	8000 300 640

IDEAL FOR ANIMAL TRANSPORTS

Power	Scope of supply	Order no
960 Wp	12 x 80 Wp CIGS solar cells, 350 x 1850 mm, self-adhesive, circuit breaker 60 A, waterproof	8000 300 960



Lithium battery compact unit

T-Box

Integrated Bluetooth function for tracking the battery status via app, complete CIGS solar system, waterproof, can be mounted under the vehicle, battery with 2.5 kWh usable power and the option for 250 A continuous discharge, maintenance-free, 3-year complete warranty.

Application range

Lifting platforms, tail lifts of fuel or electric powered vehicles, also suitable for electric pallet lifts and similar tasks

E-certified

Model	Version	Output voltage	Scope of supply	Length x width x height	Order no
Long 220 Wp Set	long, narrow version	12 V	with T-Box and 4 x 55 Wp CIGS solar panels	935 x 135 x 130 mm	8000 455 220
Long 380 Wp Set	long, narrow version	12 V	with T-Box and 4 x 95 Wp CIGS solar panels	935 x 135 x 130 mm	8000 495 380
Long 220 Wp Set	long, narrow version	24 V	with T-Box and 4 x 55 Wp CIGS solar panels	935 x 135 x 130 mm	8000 455 218
Long 380 Wp Set	long, narrow version	24 V	with T-Box and 4 x 95 Wp CIGS solar panels	935 x 135 x 130 mm	8000 455 219
Short 220 Wp Set	short, wide version	12 V	with T-Box and 4 x 55 Wp CIGS solar panels	740 x 305 x 150 mm	8000 455 221
Short 380 Wp Set	short, wide version	12 V	with T-Box and 4 x 95 Wp CIGS solar panels	740 x 305 x 150 mm	8000 495 381
Short 220 Wp Set	short, wide version	24 V	with T-Box and 4 x 55 Wp CIGS solar panels	740 x 305 x 150 mm	8000 455 222
Short 380 Wp Set	short, wide version	24 V	with T-Box and 4 x 95 Wp CIGS solar panels	740 x 305 x 150 mm	8000 455 223

3 YEARS WARRANTY



Sustainable energy generation, saves CO₂ and fuel



Consumer and lighting battery

long life, good current flow, continuous discharge current up to 250 A, series and parallel connections possible, low self-discharge/wide operating temperature range, with Bluetooth to monitor consumption status via app (iPhone, Android), maintenance-free - 3 years full warranty, equipped with advanced battery management system (BMS) which can effectively ensure battery life and safety, including: Short circuit protection, overcurrent protection, overheating protection, overcharge and deep discharge protection, ABS box achieves V0 flame retardant level, which can better prevent fire.

Length x width x height 45 x 24,3 x 17 cm

Application range

For all auxiliary consumers in truck, bus, van, camper and caravan

An AGM battery, for example, can only be fully charged and discharged up to approx. 400 times

3 YEARS WARRANTY



Up to 4000 charging cycles possible
200 Ah LiFePO₄ lithium battery with Bluetooth



Sustainable energy generation, saves CO₂ and fuel

Order no

8000 133 424



Extension Controller

allows two circuits to be supplied with power and their batteries to be charged using a solar power system. of the tail lift) and also to supply the 12 V battery of the refrigeration unit with power, after the extension controller has charged the 24 V supply battery of the trailer, no energy is lost and the power is fed from the extension controller into the battery of the 12 V circuit.

Dimensions 73 x 56 x 22 mm

Power 21 W

Order no

8000 025 114

3 YEARS WARRANTY



Sustainable energy generation, saves CO₂ and fuel

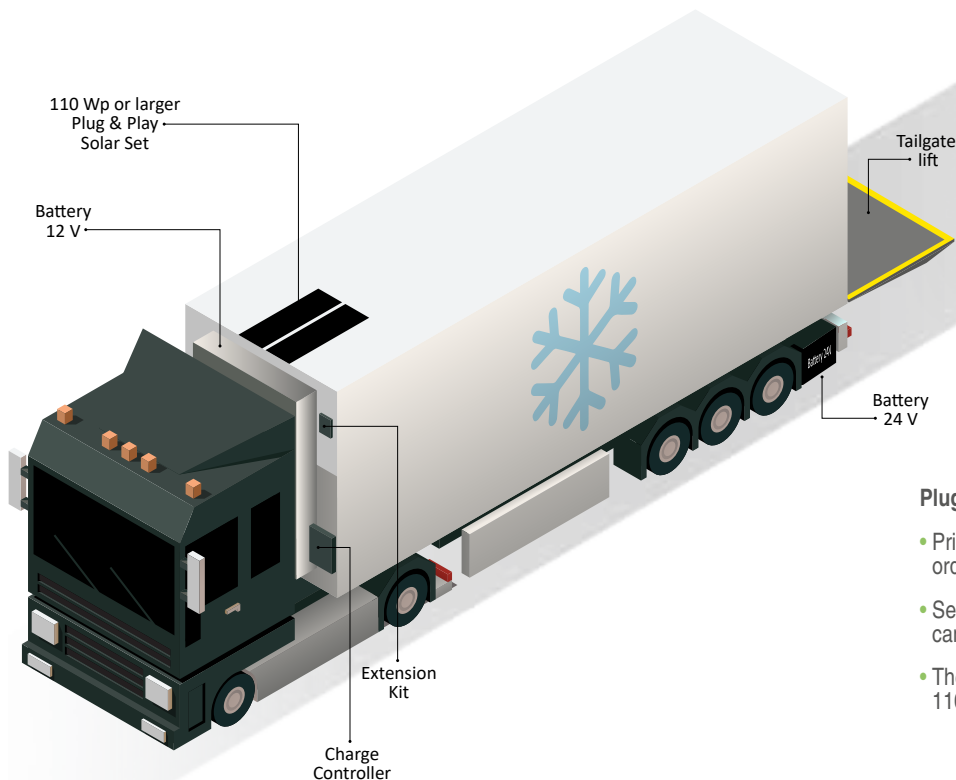
Solar solutions for trailers

NEW: The Green Energy Extension Controller

One system for two circuits! With the Green Energy Extension controller we offer the possibility for an optimal 12/24 V power supply.



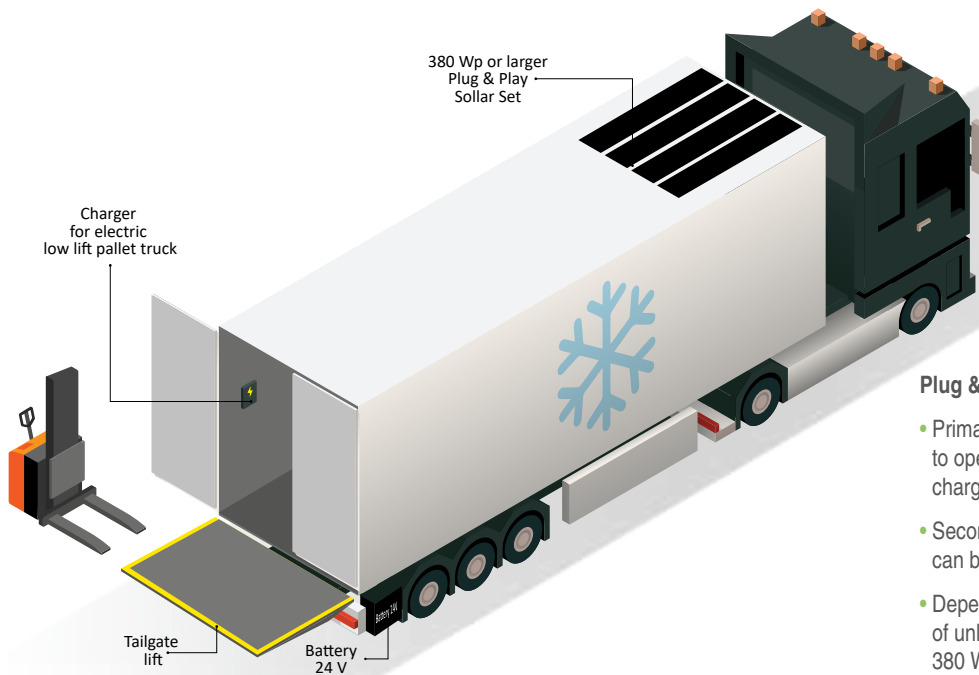
Refrigerated trailer with tail lift



Plug & Play Solar Cell Set 110 Wp or larger

- Primarily, the trailer's 24 V battery is supplied in order to operate the lifting platform, for example.
- Secondly, the 12 V battery on the cooling unit can be supplied with trickle charge.
- The recommended size of the system is between 110 Wp and 380 Wp, depending on consumption.

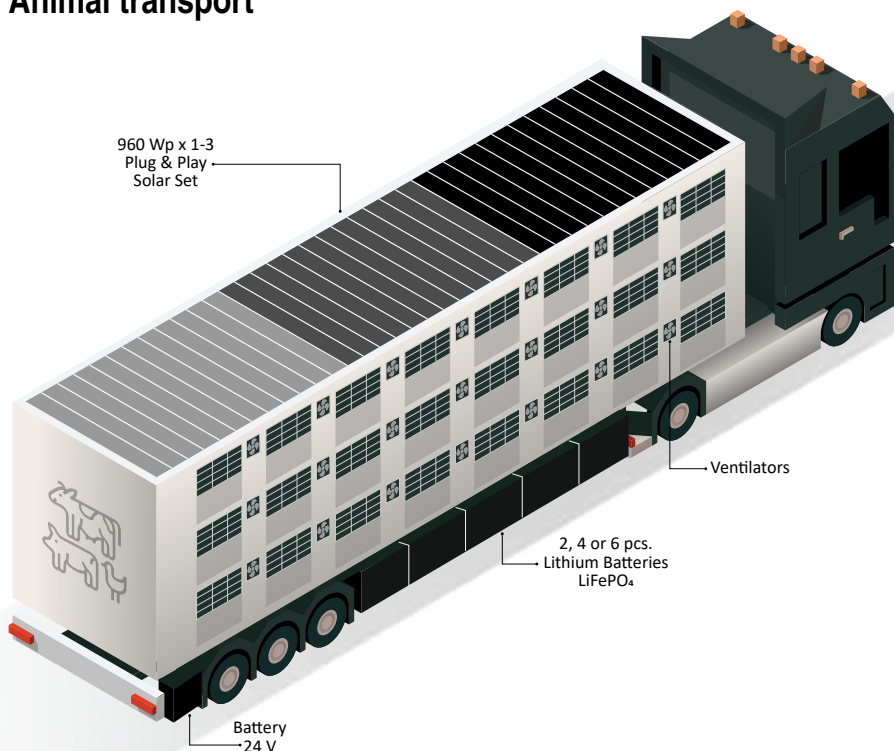
Refrigerated trailer with electric lift truck



Plug & Play Solar Cell Set 380 Wp or larger

- Primarily, the trailer's 24 V battery is supplied to operate the lifting platform, for example, or to charge an electric low-lift truck.
- Secondly, the 12 V battery on the cooling unit can be supplied with trickle charge.
- Depending on the area of application and number of unloading points, we recommend sets between 380 Wp to 960 Wp and the use of lithium batteries.

Animal transport



Plug & Play Solar Cell Set 640 Wp and 960 Wp

The high energy demand - especially during standstill times (driver breaks, traffic jams or waiting times at slaughterhouses) - challenges the vehicle battery. In order to protect animal welfare as much as possible during transport, the system from Green Energy provides good support and supplies the consumers with electricity.

- Supply stations such as feeders and aeration systems require a lot of energy from the battery.
- Possibility to use up to 3 sets (à 960 Wp).
- Expanding the degree of self-sufficiency: by using 2, 4 or 6 lithium batteries, it is possible to achieve a higher degree of self-sufficiency.

For weight reasons, we recommend our lithium battery solution, which offers twice the capacity-to-weight ratio of lead-acid batteries.



Load securing

Lashing straps	426 – 428
Load securing systems	429
Edge protection.....	430
Anti-slip mats.....	431
Blocking elements	432 – 437
Lashing chains/chain slings.....	438
Lashing points	439
Safety nets.....	440



SPECIAL EDITION



Ratchet strap

with fully stitched label, with imprint „LEIDENSCHAFT VERBINDET – PASSION UNITES“

Width 50 mm
 Length 10000 mm
 Fixed end 400 mm
 Loose end 9600 mm
 Load capacity 2000 daN
 Pre-tension force 300 daN
 Colour orange
 Standard DIN-EN 12195-2

permissible tensile force 2000 daN stretched, 4000 daN in strapping

Scope of supply
 2-piece



Order no

7801 050 104

9



Ratchet strap

with fully stitched label

Width 50 mm
 Fixed end 500 mm
 Load capacity 5000 daN
 Colour red
 Material polyester (PES)
 Standard EN 12195-2

permissible tensile force 2500 daN stretched, 5000 daN in the strapping

Scope of supply
 2-piece

Version	Pre-tension force	Loose end	Length	Fig.	Order no
with profile hook and push ratchet	300 daN	7500 mm	8000 mm	1	7801 000 030
with profile hook and pull ratchet	500 daN	7500 mm	8000 mm	2	7801 000 036
with profile hook and push ratchet	300 daN	9500 mm	10000 mm	1	7801 000 000
with profile hook and pull ratchet	500 daN	9500 mm	10000 mm	2	7801 000 038



Ratchet strap

Version	with spring hook and push ratchet
Length	8000 mm
Width	50 mm
Fixed end	500 mm
Loose end	7500 mm
Load capacity	5000 daN
Pre-tension force	300 daN
Colour	red
Material	polyester (PES)
Standard	EN 12195-2

permissible tensile force 2500 daN stretched, 5000 daN in the strapping

Scope of supply

2-piece

Order no

9690 000 028



Ratchet strap

with fully stitched label

Version	with fixing rail fittings and push ratchet
Length	3500 mm
Width	50 mm
Fixed end	1200 mm
Loose end	2300 mm
Pre-tension force	300 daN
Load capacity	1500 daN
Colour	red
Material	polyester (PES)
Standard	EN 12195-2

permissible tensile force 750 daN stretched, 1500 daN in the strapping.

Scope of supply

2-piece

Order no

7801 000 042



Ratchet strap

IGURT KIT

with imprint „BPW/Dolezych“, elongation < 5 %

Version	with profile hook and long-lever push ratchet
Width	50 mm
Fixed end	500 mm
Pre-tension force	600 daN
Colour	March Green

LC 2500 daN

Model	Length	Loose end	Order no
IGURT KIT 1	8000 mm	7500 mm	6098 010 920
IGURT KIT 2	10000 mm	9500 mm	6098 010 921

Accessories

Description	Order no
Long lever ratchet For fixed end IGURT	6021 420 220

Service parts

Description	Order no
Ratchet strap Suitable for Loose end IGURT, Length 7500 mm	6020 130 972
Ratchet strap Suitable for Loose end IGURT, Length 9500 mm	6020 130 033
Electronic unit Suitable for Loose end IGURT	6020 130 962

with imprint „BPW/Dolezych“, elongation < 5 %

Version	with profile hook and short-lever push ratchet
Width	50 mm
Fixed end	500 mm
Pre-tension force	300 daN
Colour	March Green

LC 2500 daN

Model	Length	Loose end	Order no
IGURT KIT 3	8000 mm	7500 mm	6098 010 922
IGURT KIT 4	10000 mm	9500 mm	6098 010 923

Accessories

Description	Order no
Short lever ratchet For fixed end IGURT	6021 420 230

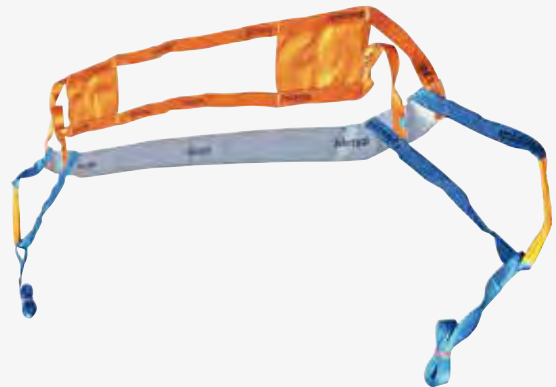
Belt lifting system

HESTAL CargoMaster

Special load securing aid that eliminates the need to laboriously throw the tensioning straps over the load, versatile application in the commercial vehicle sector, easy positioning of the tensioning straps for load securing, fast, effective loading process, operator secures the load without entering the loading area, easy installation on the roof structure, for use with 50 mm wide tensioning straps.

Surface Galvanised according to FHS-TL 9.01

Type	Description	Application range	Version	Order no
501	Set of 6	Sliding roof frame		9080 100 031
501	Set of 12	Sliding roof frame		9080 100 032
501	Set of 6	Hamburg hood		9080 100 034
501	Set of 12	Hamburg hood		9080 100 035
502	Set of 6	Sliding roof frame	with rail system	9080 100 037
502	Set of 12	Sliding roof frame	with rail system	9080 100 036
502	Set of 6	Sliding roof frame	with trolley	9080 100 039
502	Set of 12	Sliding roof frame	with running rail	9080 100 038



Dolezych
EINFACH SICHER

Load securing system

for unstable loads, DoUniFlex

secures using the direct lashing method, with a horizontally running, wide „belly strap“ and a head strap running centrally over the load; 50 mm wide lashing straps are sewn at the junction of the belly and head straps, which are lashed to the vehicle by means of a ratchet

Application range

transport of loose bulk goods, e.g. granulates, pellets, crushed stone, gravel or powdery goods, suitable for all soft packaging with surging movements, e.g. octainers, palletised bagged goods in shrink wrap, beverage crates, big bags and other cargo that cannot be lashed down

Scope of supply	Order no
with loose ends	9690 000 040
with built-in ratchets and loose-strung profile hooks	9690 000 041

Lashing angle

For the uncomplicated securing of goods using the head-lashing method

Side length 120 x 120 mm Height 750 mm

Application range

To secure angular loads such as crates, steel mats, plate goods

Version	Installation side	Order no
With cover plate	left	9080 142 301
With cover plate	left/right	9080 142 302
Without cover plate	left	9080 142 303
Without cover plate	left/right	9080 142 304



Edge protection

resistant and flexible

Dimensions 150 x 200 x 170 mm Material polypropylene
 Colour black

K-factor is ≥ 1.78

Application range

for transporting paper rolls

TÜV-certified



Order no
9690 000 232



Edge protection

Dimensions 130 x 95 mm Colour black
 Band width 65 mm Material plastic

Version	Order no
with slot, open	9690 000 230
with slot, closed	9690 000 231



Edge protection rail

for all widths of webbing

Dimensions 190 x 190 x 19 mm Material polypropylene
 Colour orange

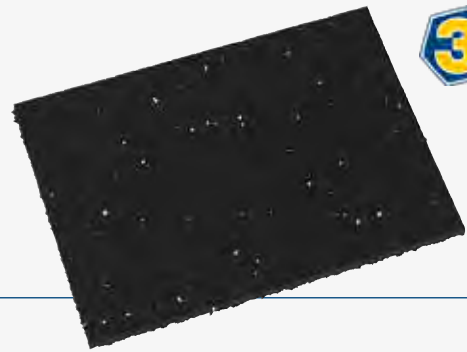
Application range

for boxes, pallet cages, stone slabs etc.

special lengths on request

Length	Order no	Length	Order no
600 mm	9690 600 360	1200 mm	9690 600 372
800 mm	9690 600 370	6000 mm	9690 003 007
1000 mm	9690 600 371		



TESTED ACCORDING TO VDI 2700 SHEET 14

Anti-slip mat

Length	Width	Thickness	Friction coefficient	Order no
150 mm	200 mm	3 mm	0.65 μ	2955 119 183
200 mm	100 mm	8 mm	>0.7 μ	2955 119 055 *
200 mm	300 mm	8 mm	>0.7 μ	2955 119 148 *
250 mm	200 mm	8 mm	>0.7 μ	2955 119 186 *
300 mm	200 mm	10 mm	>0.7 μ	2955 119 109 *
600 mm	150 mm	3 mm	0.65 μ	2955 119 043
600 mm	200 mm	10 mm	>0.7 μ	2955 119 147 *
2000 mm	120 mm	3 mm	0.65 μ	2955 119 855
5000 mm	125 mm	8 mm	>0.7 μ	2955 119 299 *
5000 mm	250 mm	6 mm	>0.7 μ	2955 119 250
5000 mm	250 mm	8 mm	>0.7 μ	2955 119 300 *
10000 mm	125 mm	8 mm	>0.7 μ	2955 119 700 *
10000 mm	250 mm	3 mm	0.6 μ	2955 119 251
10000 mm	250 mm	8 mm	>0.7 μ	2955 119 245 *
20000 mm	150 mm	3 mm	0.65 μ	2955 119 192

* Improvement of the sliding friction coefficient from 0.65 μ to 0.7 μ

You will find us
online here:





Intermediate panel lock to secure loads

for insertion and clamping on the gate or on the tarpaulin frame

Version completely assembled
Locking force 400 daN
Length range 2400-2700 mm
Surface blue anodized

Scope of supply
with extendable aluminium plate and 2 locks



Order no

9690 000 034



Intermediate panel lock PAT1000

Locking force 1000 daN
Material aluminium

Application range
for board panel 18-35 mm

Type	Version	Length range	Order no
PAT1000-1	one-piece	2400-2520 mm	9695 110 201
PAT1000-2	in two parts	2290-2520 mm	9695 110 221



This figure corresponds to 9695 110 201



Clamping bar toothed rack

comprising spring system, rubber bases and aluminium pipe

Pipe \varnothing 42 mm

Not suitable for deep-freeze transports

Locking force	Length range	Order no
140 daN	2100-2470 mm	9690 000 089
150 daN	2350-2720 mm	9690 000 090

Accessories

Description	Order no
Housing	9690 002 208





(Illustration similar)

Clamping bar

SAM 55 Profi

Version Rubber foot black, round, on both sides
 Locking force 140 daN
 Pipe \varnothing 55 mm

Length range	Order no
2100-2550 mm	9690 740 001
2400-2850 mm	9690 740 002

PATENTED SYSTEM



Round locking bar

Readjustable with employment as clamping beam (important in case of utilisation of several clamping beams near each other), patented force display for the forces introduced into the structure, visualisation through colour and daN scaling, larger area of application with 600 mm, continuous adjustment of every length in the indicated range possible, very high clamping force through ratchet function possible, very light, by means of multi-purpose pins can be used flexibly in all usual perforated rail systems 20/25 hole and rod channels, simple and rapid re-equipping of pins on rubber bumper through security split-pin

Version Stepless, 19/24 mm combination spigot with slot 9 mm
 Locking force 400 daN
 Clamping force 130 daN
 Length range 2000-2600 mm
 Pipe \varnothing 42 mm
 Material aluminium
 Surface anodised



Order no
9082 138 812

Accessories

Description	Order no
Rubber base	9690 000 228



Round locking bar

S-Line®

Marking by sticker, spring pressing, on both sides with combination pin \varnothing 19/24 mm with slot 9 mm, can be shortened up to 800 mm total length

Locking force 500 daN
 Pipe \varnothing 42 mm
 Material steel
 Surface galvanised

Version	Length range	Order no
not adjustable	2440-2520 mm	9081 385 000
adjustable	2000-2400 mm	9080 038 504



FURTHER LENGTHS AVAILABLE!**WISTRA**
CARGO CONTROL

Ratch

Airline-Beam 1855

for positive load securing in combination with parallel running airline lashing rails, can be used horizontally and vertically, smooth and stepless telescoping, with black PVC cover, both sides with innovative automatic pin for airline lashing rail

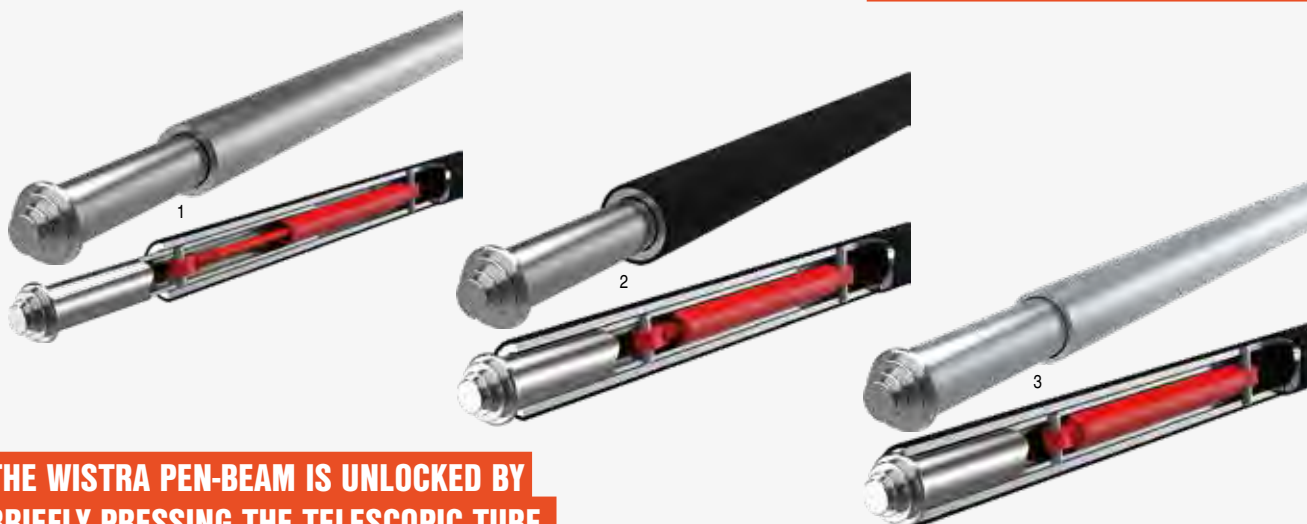
Version with extension stop at 600 mm telescopic travel
Support tube \varnothing 42 mm

Blocking strengths depend on the length used.

Length range	Locking force	Order no
1200-1760 mm	225-525 daN	9106 001 200
1700-2260 mm	200-400 daN	9108 551 701



9

FOR HEAVY COMMERCIAL VEHICLES**THE WISTRA PEN-BEAM IS UNLOCKED BY BRIEFLY PRESSING THE TELESCOPIC TUBE.****WISTRA**
CARGO CONTROL

Clamping bar

PEN-BEAM

Features a special gas pressure spring that exerts an even and defined pressure on the vehicle body over the entire telescopic range, special latching function for ergonomic use

Type 44
Version Pivot version
Suitable for Hole \varnothing 20/25/34 mm
Length range 2480 + - 25 mm
Pipe \varnothing 42 mm

The WISTRA PEN-BEAM is shorter than the vehicle's internal dimensions when retracted and locked, thus enabling ergonomic insertion.

The telescopic tube moves into the lashing rail in a damped manner and with constant pressure. This minimises the risk of damage to the vehicle body.

Locking force	Material	Fig.	Order no
400 daN	Aluminium	1	9102 218 226
400 daN	Aluminium, with black PVC cover	2	9102 218 227
500 daN	Aluminium, with black PVC cover	2	9102 218 225
500 daN	Steel	3	9102 218 224



Ratch

KIM 55 Profi

integrated measuring tape for exact pre-setting, Allen key on board for quick adjustment, ergonomic handling due to operating band

Suitable for	Airline and round hole rails \varnothing 20 mm
Form	round
Locking force	250-500 daN
Support tube \varnothing	42 mm
Material	Aluminium

Application range

Box and tarpaulin truck



Version	Length range	Order no
19 mm slotted bolt for 8 mm rod rail, on both sides	2100-2550 mm	9690 730 001
19 mm slotted bolt for 8 mm rod rail, on both sides	2400-2850 mm	9690 730 002
24 mm slotted bolt for 8 mm rod rail, on both sides	2400-2850 mm	9690 730 004



Load beam

for combination stay/lashing rail

Steel end pieces on both sides

Locking force	1000 daN	Pipe \varnothing	83 x 66 mm
Length range	2303-2582 mm	Material	aluminium



Order no

9690 000 215

Accessories

Description	Order no
End piece	9690 183 901



Load beam

S-Line®

articulated loading beam for steel guide rail, with extendable steel end piece on both sides, marking by label, can be shortened to 800 mm total length

Locking force	1000 daN	Material	aluminium
Length range	2410-2680 mm	Surface	anodised
Dimensions	66 x 84 mm		

Application range

suitable for Krone interchangeable bridge system 5044

Order no

9690 001 849

Combination stay/lashing rail

3009

Version Compatible with 24 mm pin
 Length 3050 mm
 Width 131 mm
 Height 12 mm
 Material steel
 Surface galvanised

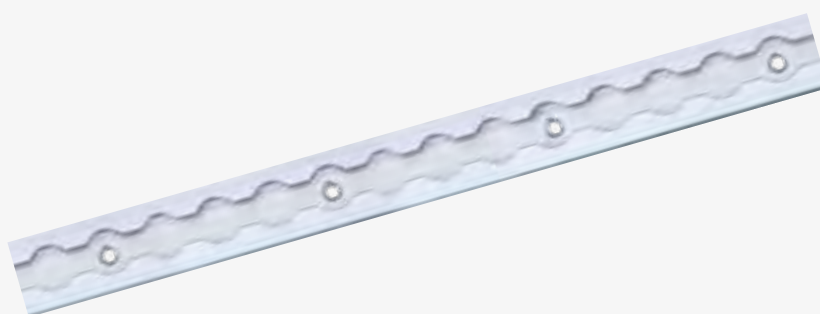
Application range
 for medium-weight goods



Order no

9690 000 203

9



Lashing rail

Airline 545 023 030

compatible with combination pin \varnothing 19/24 mm and all airline terminals

Type 545 023 030
 Hole \varnothing 20 mm
 Length 3000 mm
 Width 34 mm
 Height 9,6 mm
 Material aluminium

ratchet 25.4 mm
 counterbore every 101.6 mm
 BLC value with end fitting 571 at 45° and 90°: 1000 daN

Application range
 especially for computer transport, air freight and parcel service vehicles

Order no

9690 071 226

End fitting

S-Line® Single airline fitting 570, for airline rail

Version ring, inner \varnothing 30 mm
 Breaking strength 1800 daN
 Material aluminium



Order no

9690 005 018



Fixing rail for wall mounting horizontally

Compatible with 19/24 mm \varnothing combination pins and all usual combination fixing rail end fittings

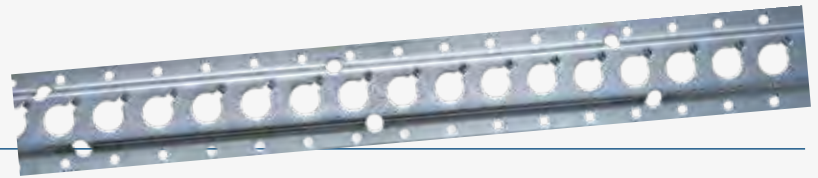
Material steel
Surface galvanised

This figure corresponds to 9082 138 015

Type	Length	Material thickness	Order no
3008	3000 mm	2,5 mm	9082 138 021
3009	3048 mm	3 mm	9082 138 015

Accessories

Description	Order no
End piece - anchoring rails	8000 000 483



Round hole lashing rail

compatible with combination pins \varnothing 19/24 mm, clothes rails, end fitting for round hole lashing rail \varnothing 25 mm

Length 3000 mm
Width 85 mm
Height 11,5 mm
Thickness 2,5 mm
Material steel
Surface galvanised

BLC value with end fitting 5008 at 45° and 90°: 500 daN

Application range

For medium-weight goods

Order no
9690 002 202



Rod lashing rail

Compatible with combination spigot \varnothing 19/24 mm with slot 9 mm and all fabric straps up to 35 mm and lashing strap end fitting for rod lashing rail

Hole \varnothing 10 mm
Length 3000 mm
Width 66 mm
Height 22,8 mm
Material Aluminium, with rubber coating and adhesive channel
Surface anodized

LC-value at 45° angle: 850 daN

LC-value at 90° angle: 750 daN

Order no
9690 071 099



Lashing chain

in accordance with VDI 2701, DIN EN 12195-3,
with 2 quick-link hooks

Quality grade 8

Application range

particularly suitable for heavy duty

According to EN 120095-3, lashing chains must undergo a visual inspection by an expert once per year and every 3 years a materials test must be carried out by the manufacturer.

Version	Tensile strength	Link thickness	Length	Order no
1-piece	4000 daN	8 mm	3500 mm	9698 121 953
1-piece	6300 daN	10 mm	3500 mm	9691 012 195
1-piece	6300 daN	10 mm	6000 mm	9692 985 101
1-piece	10000 daN	13 mm	3500 mm	9691 312 195
2-piece	4000 daN	8 mm	3500 mm	3002 414 932
2-piece	6300 daN	10 mm	3500 mm	9690 531 001
2-piece	6300 daN	10 mm	4500 mm	3002 431 916
2-piece	6300 daN	10 mm	5000 mm	3002 420 410



Goniometer

Lash Mate, to secure loads

Width x height x depth 200 x 120 x 16 mm

Order no

9696 085 970



**PLEASE ALSO OBSERVE THE SAFETY REGULATIONS
WHEN LOADING.**



Lifting gear

Quality grade 10

Version	Load capacity	Useful length	Order no
1 strand, without shortening	2500 kg	1 m	9696 017 089
2 strands, without shortening	3550/2500 kg	1 m	9696 017 128
2 strands, without shortening	5600/4000 kg	1 m	9696 017 014
2 strands, with shortening	3550/2500 kg	3 m	9696 030 257
2 strands, with shortening	5600/4000 kg	3 m	9696 027 755
4 strands, with shortening	8000/6000 kg	3 m	9696 027 834



pewag

Lashing ring

with weld-on lug and built-in spring,
quality grade 8, with BG approval

The regulations according to DIN EN 14341
and EN 287-1 apply to welding work!



Load capacity	Order no
3,15 t	6966 092 460
5,3 t	6966 064 470

Dolezych
EINFACH SICHER

Lashing ring

Type 0951

with weld-on strap, with BG approval

Load capacity 8 t
Quality grade 8

Please follow or ask for the welding specifications.



Order no
9690 518 000

**EURO
PART**



Lash tray with plate

Suitable for M10 bolts
Load capacity 800 daN
Length x width x depth 105 x 105 x 23 mm
Distance betw. holes 85 mm
Surface galvanised



Order no
9081 315 621



Lash tray

Load capacity 2500 daN

This figure corresponds to
9081 315 600

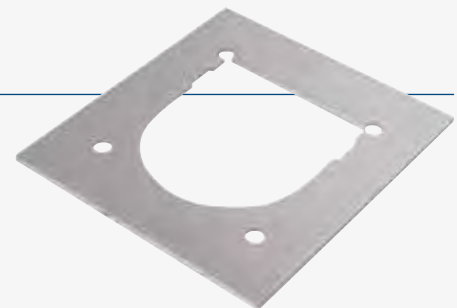
Length x width x depth	Order no
90 x 95 x 29 mm	9081 315 600
72 x 116 x 24 mm	9082 060 045

Reinforcing panel for lash trays

Dimensions 133 x 143 x 3 mm
Surface galvanised

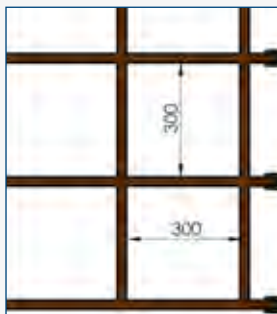
Application range

z. e.g. when mounting the lashing trough 9081 315 621 in screen printing plates or wooden floors, in order to obtain a favourable force transmission due to the enlarged contact surface.



Order no
9081 317 940





Dolezych
EINFACH SICHER

Load safety net

side protection net DoKEP[®], for trucks

Width 2950 mm
Mesh width 300 mm

Height	Order no
1000 mm	9696 000 123
1325 mm	9696 000 122

9

Dolezych
EINFACH SICHER

Load safety net

DoKEP[®]-SITnet[®] 500 K

Tensile strength 1000 daN
Length 2950 mm
Width 1650 mm
Band width 25 mm
Mesh width 300 mm
Material polyester
Colour orange

Further sizes available on request!



Order no
9696 002 301

ABS axle modulator.....	80	Combination brake cylinder.....	93-95
ABS pressure control valve.....	88	Combination release valve.....	85-87
ABS relay valve.....	81	Combination stay/lashing rail.....	436
ABS/EBS connection cable.....	83	Compressed air tank.....	110, 111
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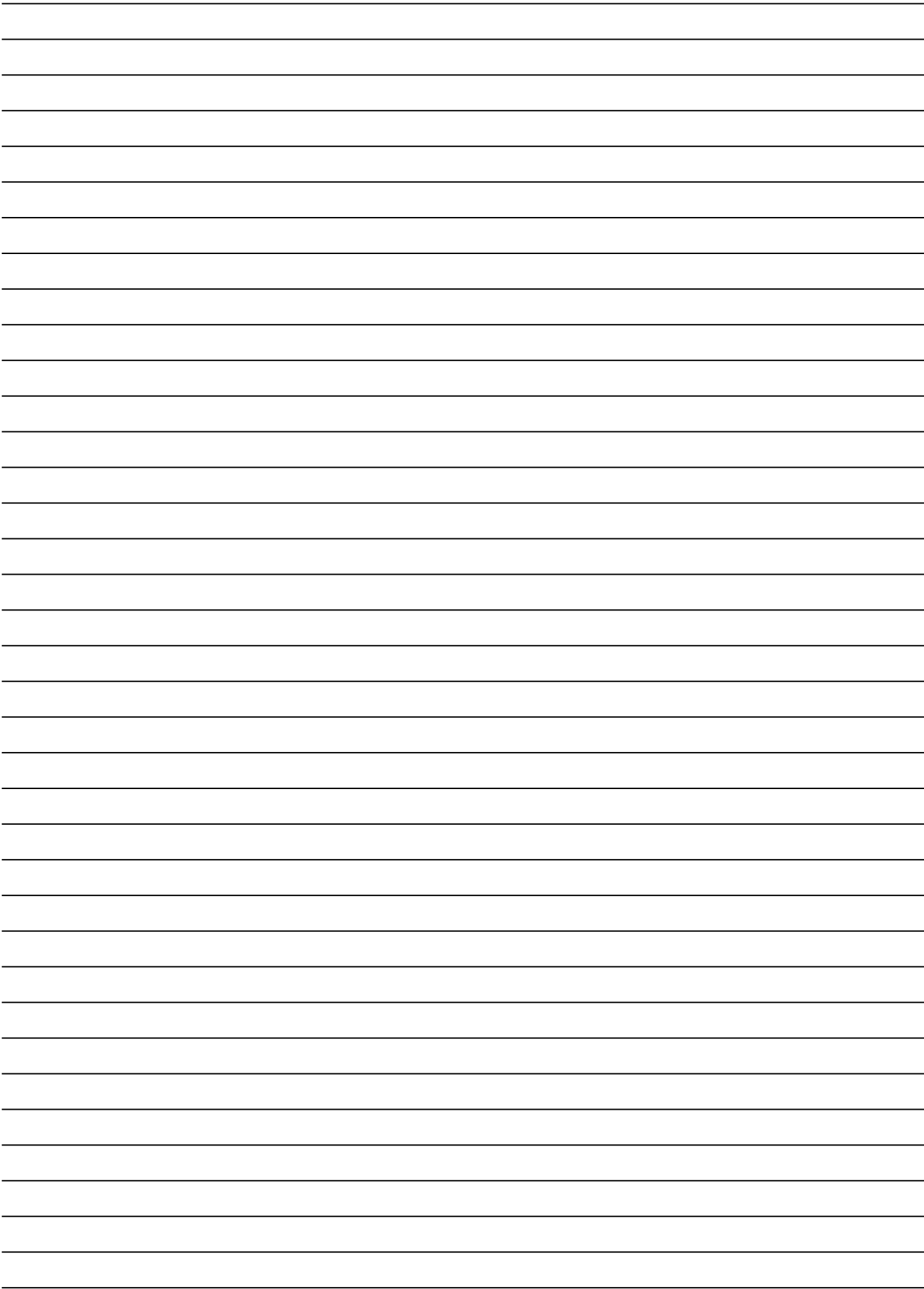
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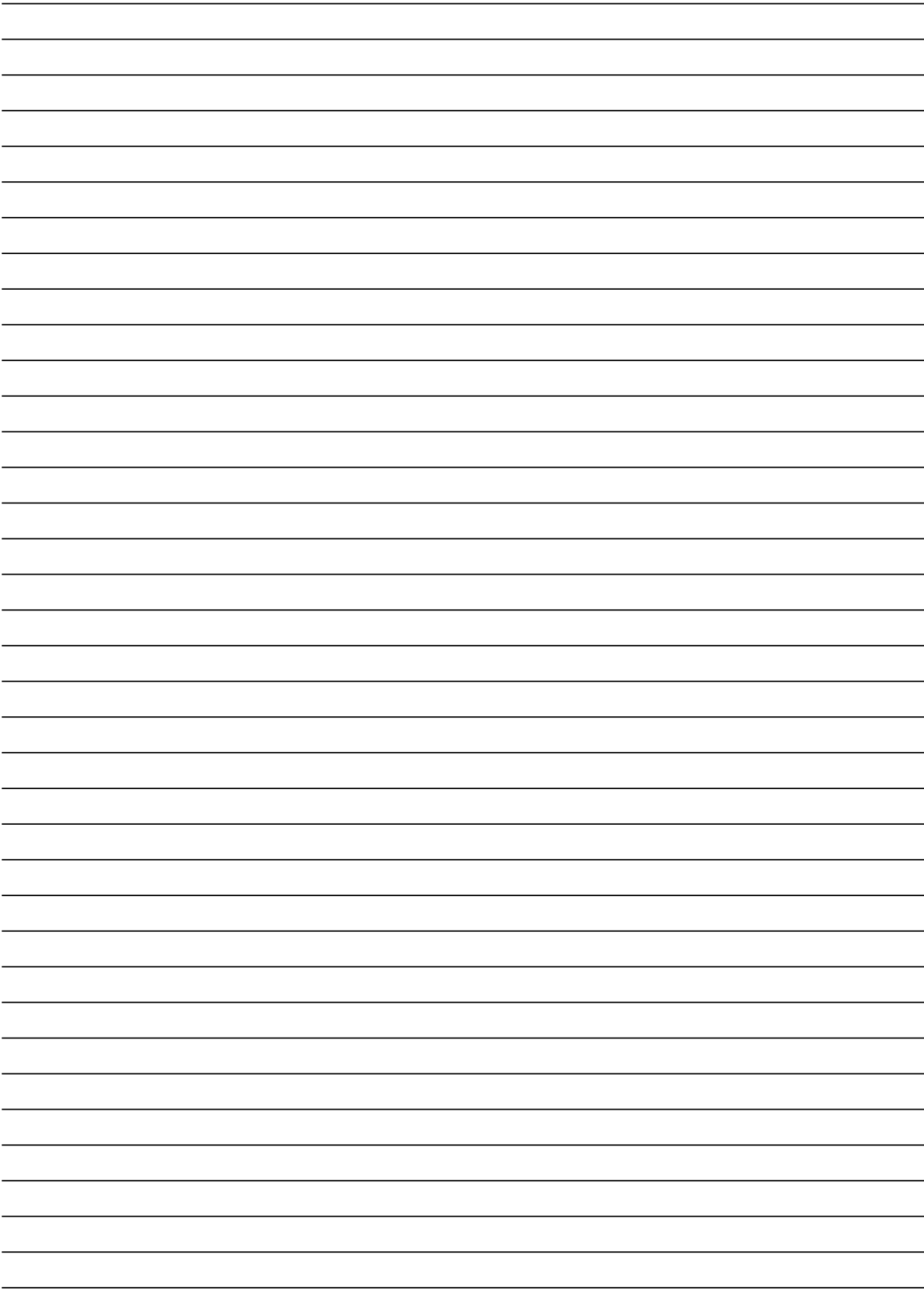
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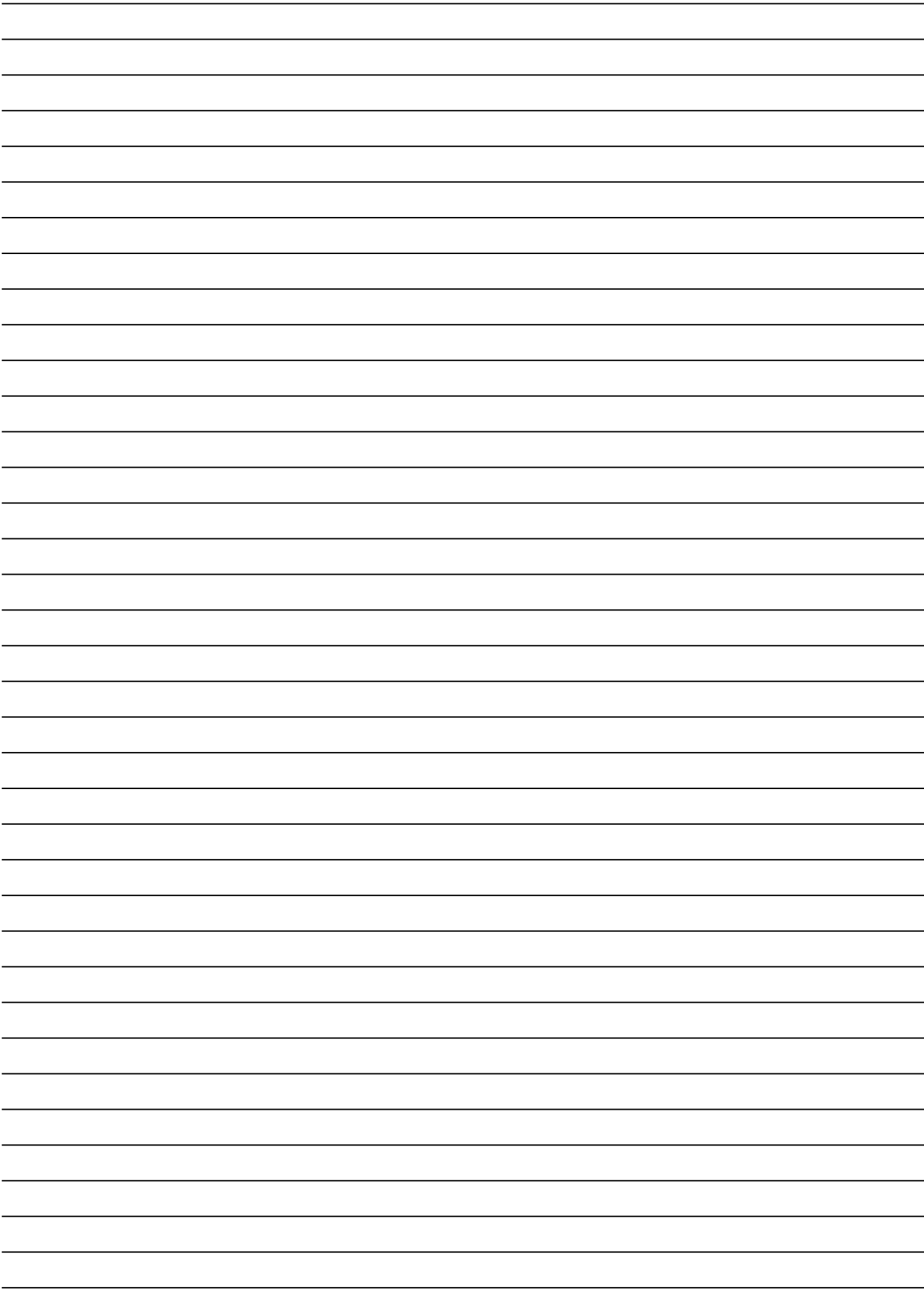


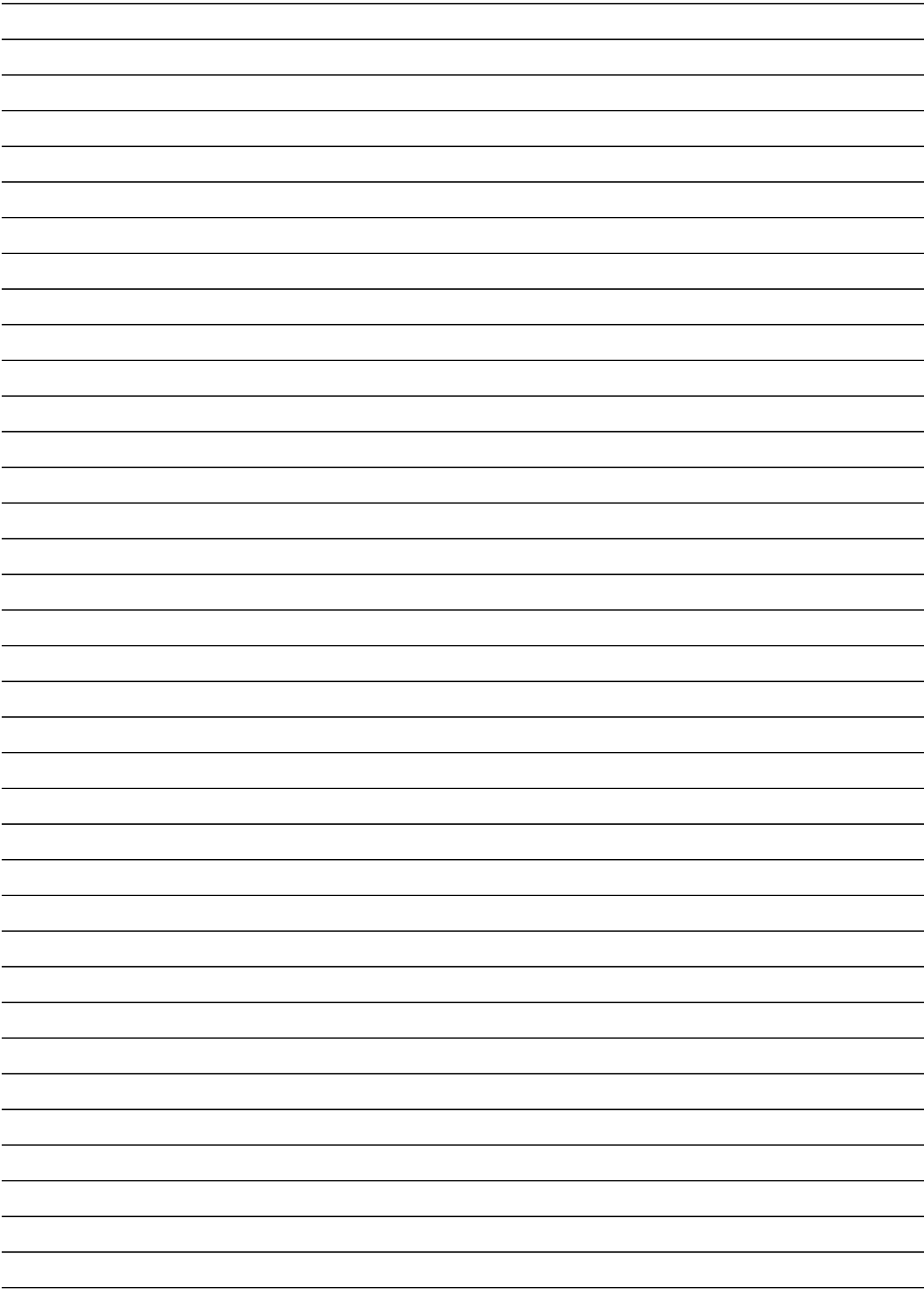
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