Products for articulated vehicles semi-trailers trailers

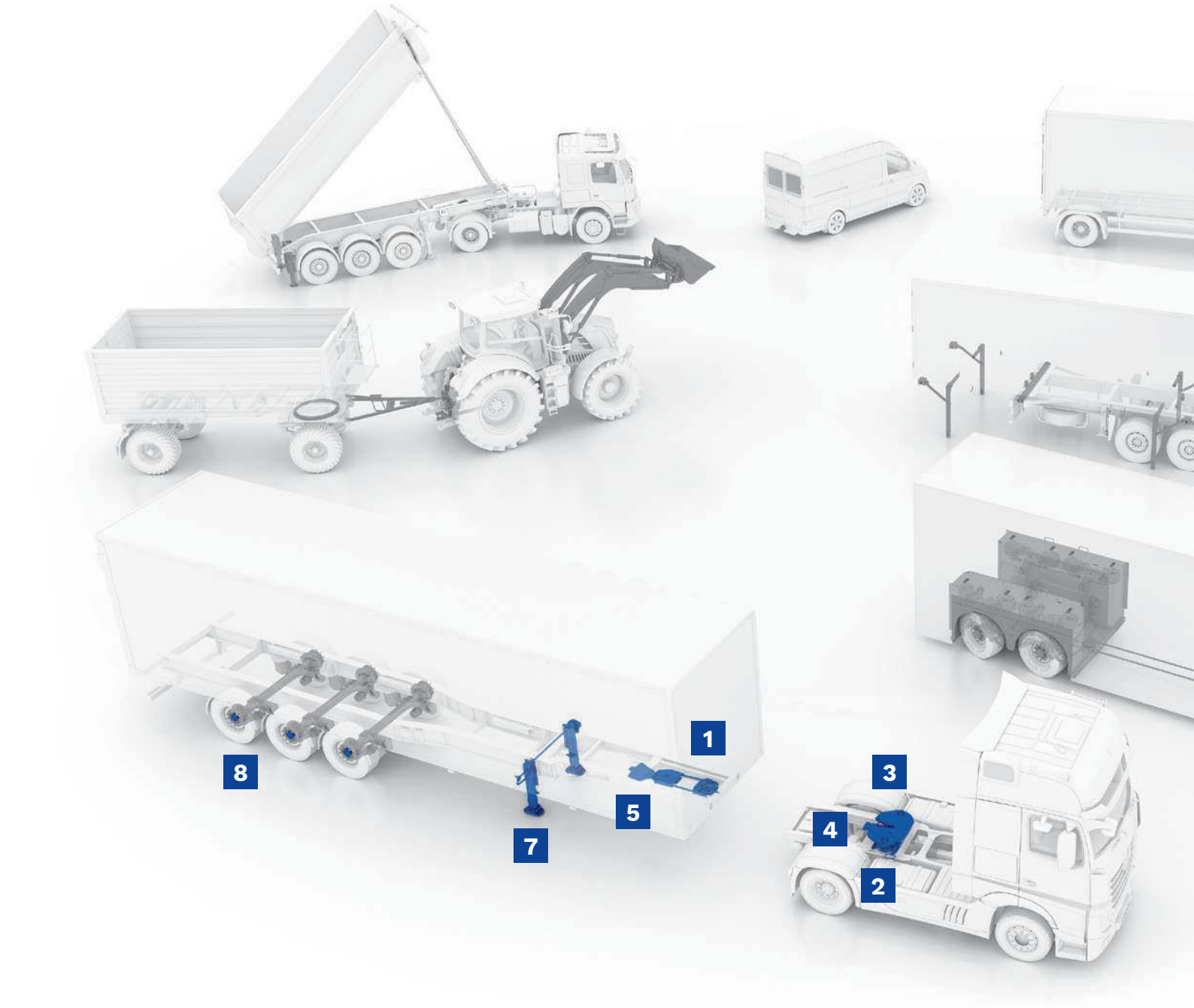








Products for trucks and trailers



You will find these products in this catalogue



Systems – Sensoric and LubeTronic



Fifth wheel couplings and mounting plates



Dual-height fifth wheel systems



Sliders



King pins

JOST –
from small workshop to global player



JOST's history began as a typical post-war success story. In the early 1950s, Neu-Isenburg is home to two real movers and shakers – Hans Breuer and Joseph Steingass. Inspired by the semi-trailer trucks they had seen the American troops use in Frankfurt, they began developing fifth wheel couplings made of cast steel. They filed a patent for their invention in 1955 and received general type approval in 1960.

This quickly turned the former forge for ball bearing turntables into an extremely successful company that has been market leader in the field ever since. The expansion into international markets, which began as far back as the 1960s, has also played a big part in JOST's positive development. Today JOST has production sites and sales offices on all continents.

The start of the new millennium signalled another milestone in the company's history. The production technology and product range were extensively modernised, while the takeover of JOST by well-financed investors made possible the acquisition of appropriate companies. Since 2017 JOST has been listed on the Frankfurt Stock Exchange as JOST Werke AG.

Today, it is impossible to imagine the truck and trailer market without JOST World – and its five strong brands JOST, ROCKINGER, TRIDEC, Edbro and Quicke – as a globally active provider of components and systems.

However, just as the company's main office in Neu-Isenburg still rests on the foundation walls of the former forge, JOST's success is based on characteristics that are in the company's DNA now and when it was founded: outstanding engineering services for products the market needs, teamed with spirit and brave decisions.

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JOST ROCKINGER TRIDEC Quicke



Ball bearing turntables and slewing rings



Landing gears



Hubodometers and axle caps

The entire product overview online

Truck



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Original spare parts – better safe than sorry!



In the worst case scenario, all it takes is a non-functioning fifth wheel coupling locking mechanism, a bolt that is unable to stand up to sufficient pressure, or even just a defective screw to cause an accident. That is why the German Federal Motor Transport Authority and legislative authorities demand the mandatory use of original spare parts for components subject to type approval, such as fifth wheel couplings and towing hitches.

Original spare parts kits from JOST are now delivered in unmistakeable packaging with a counterfeit-proof hologram. This ensures that you are really receiving JOST quality!



CAUTION

The installation of any spare parts that do not hold type approval in accordance with §22 of the German Road Traffic Approval Directive (StVZO) on fifth wheel couplings and towing hitches is forbidden in Germany! Frankfurt Regional Court found (file reference 2-06 O 654/12) that wearing and spare parts for components subject to type approval in accordance with § 22a Para. 1 Clause 6 StVZO may only be sold by the holder of the type approval.

This means that dealers and workshops which sell or install such items as well as the vehicle operator are fully liable for the consequences. Even offering non-original spare parts for connecting systems subject to type approval for sale is punishable.

More and more European countries demanding homologation in line with the new ECE Directive R55-01 are adopting this legal concept in their own national road traffic approval directives, in the same way as Germany's StVZO.

Repair and retrofit kits – simply practical

Complete spare parts kits are available for the key wearing parts and can be ordered under a single order no. Original spare parts kits from JOST are delivered in unmistakeable packaging with a counterfeit-proof hologram. This serves as a seal for the spare parts kits and, if undamaged, guarantees the contents are original JOST products.

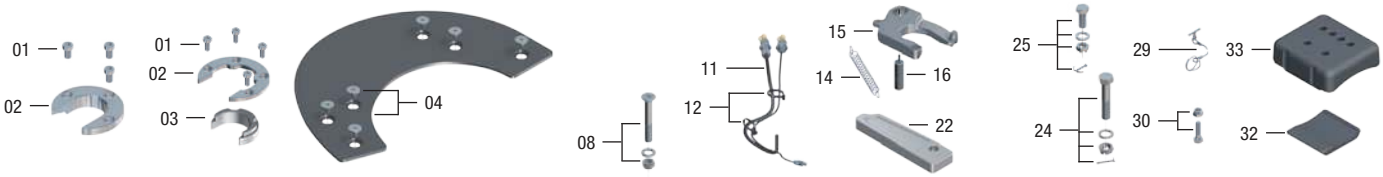
Repair kits are available, for example, for the following:

- Fifth wheel coupling locking mechanisms
- Top plate liners for low-maintenance fifth wheel couplings
- Fifth wheel coupling bearings
- Telescopic landing gears

Plates and pins are also available individually for king pins.

The retrofit kits ensure flexibility, allowing all fifth wheel couplings to be fitted with a handle extension at a later date, for example. The locking mechanism of heavy duty fifth wheel couplings from the JSK 38 series can be altered from 3½" to 2".

All telescopic landing gears can be fitted with various feet. This is particularly simple in the case of Modul which has a quickchange system, enabling you to swap between the different types of feet in no time at all.



Check wearing parts for safety's sake

Thanks to their superior quality, all JOST products are designed for long-term, reliable operation.

Fifth wheel couplings and king pins are both subject to a certain amount of wear, depending on their operating conditions. This will result in noticeable backlash towards the direction of motion. Too much backlash can lead to surging and can cause a threat to road safety and damage to the fifth wheel coupling, the mounting plates, and the chassis.



It is therefore important to stick to the servicing intervals and replace the wearing parts in good time. JOST wear limit gauges and fifth wheel test units help you to check the king pin and fifth wheel coupling locking mechanism more easily.

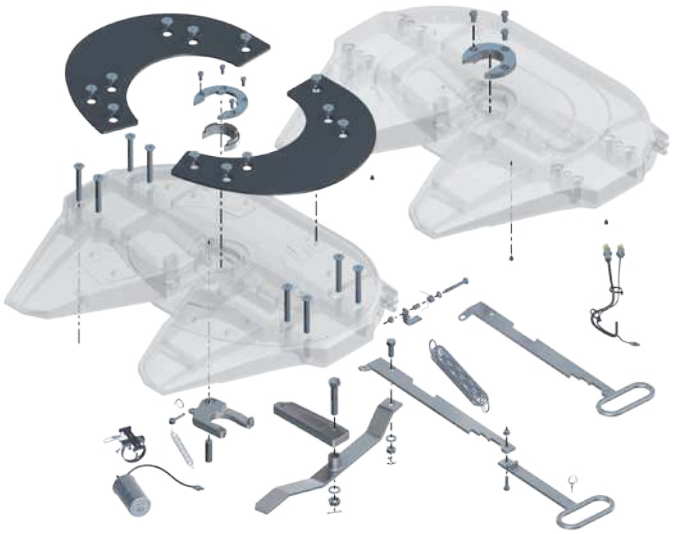
You can find the latest technical information on the internet at **www.jost-world.com**

Original spare parts – the right selection, the right quantity, available worldwide

To us, service means fulfilling the needs of the market. That's why at JOST you can order almost any component of a product individually.

You will find an exploded view and a table of spare parts for each product in our catalogue. Here you can find the order number and the quantity of each part necessary per product.

And in case you don't happen to have a catalogue at hand, you can find your spare parts easily on the Internet, wherever you are. At **www.jost-world.com**, all our products are presented with their relevant spare parts.

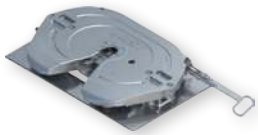




Range of application Fifth wheel couplings

JOST's range includes the perfect fifth wheel coupling with the required imposed load for a wide range of applications – from lightweight distribution traffic to normal road transport; from site traffic to heavy duty transport.

2" Fifth wheel couplings

Fifth wheel couplings (Series)	 JSK 26 D	 JSK 34 H	 JSK 36 D	 JSK 42 MK
King pin	2"	2"	2"	2"
Imposed load	6 t	16 t	20 t	15 t
D-value	50 kN	120 kN	152 kN	118 kN
Suitable for use with steering wedges	✓	✓	✓	✓
Bearing	Pivot bearing	Hybrid bearing	Pivot bearing	Slide bearing
Mounting height	120 mm	150/185 mm*	150, 172, 185, 205, 225 mm	140 mm
Maintenance	M	Z, W	M	Z, W
LubeTronic 1Point		✓		✓
LubeTronic 5Point		✓		
FlashTronic				✓
Sensoric		✓	✓	✓
SKS / KKS				
Approval	ECE-R55	ECE-R55	ECE-R55	ECE-R55

Fifth wheel couplings (Series)	 JSK 40 K	 JSK 42 K	 JSK 37 C	 JSK 37 E
King pin	2"	2"	2"	2"
Imposed load	20 t	20 t	20 t	20 t
D-value	152 kN	152 kN	152 kN	152 kN
Suitable for use with steering wedges	✓	✓	✓	✓
Bearing	Slide bearing	Slide bearing	Rubber bearing	Pivot bearing
Mounting height	150, 190, 225 mm	150, 185, 225 mm*	150, 185, 220, 250, 300 mm	150, 172, 185, 205, 225 mm
Maintenance	Z, W	Z, W	M, Z, W	M, Z, W
LubeTronic 1Point	✓	✓	✓	✓
LubeTronic 5Point	✓	✓	✓	
FlashTronic		✓		
Sensoric	✓	✓	✓	
SKS / KKS		✓		
Approval	ECE-R55	ECE-R55	ECE-R55	ECE-R55

* additional mounting heights available as chassis mounting



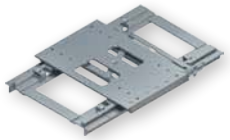
3½" Heavy duty – Fifth wheel couplings

Fifth wheel couplings (Series)	 JSK 38 C	 JSK 38 G	 JSK 50 E	 JSK 52 D
King pin	2"/3½"	2"/3½"	3½"	3½"
Imposed load	28/36 t	28/36 t	50 t	74 t
D-value	170/260 kN	170/260 kN	300 kN	400 kN
Suitable for use with steering wedges	✓	✓	✓	✓
Bearing	Rubber bearing	Cardan bearing	Pivot bearing	Pivot bearing
Mounting height	160, 190, 250 mm	290 mm	190 mm	196 mm
Maintenance	M, Z	M, Z	M, Z	M
LubeTronic *1Point*				
LubeTronic *5Point*	✓			
FlashTronic				
Sensoric				
Approval	ECE-R55	ECE-R55	ECE-R55	ADR

Dual-height fifth wheel systems

Fifth wheel couplings (Series)	 JSK DH
King pin	2"
Imposed load	15 t
D-value	110 kN
Suitable for use with steering wedges	✓
Bearing	Pivot bearing
Mounting height	165–315 mm (DH150), 165–350 mm (DH200)
Maintenance	Z, W
LubeTronic *1Point*	✓
LubeTronic *5Point*	
FlashTronic	
Sensoric	
Approval	ECE-R55

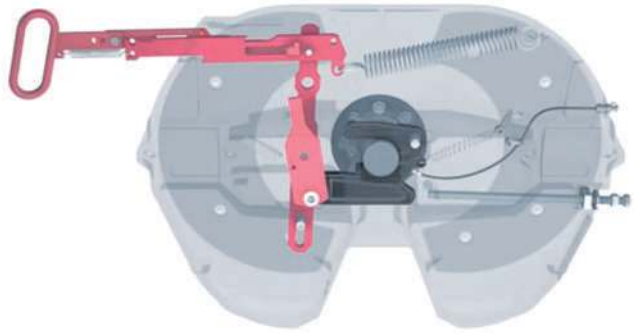
Sliders

Fifth wheel couplings (Series)	 JSK SL / PO	 EVHD
King pin	2"	2"/3½"
Imposed load	20 t	20/36 t
D-value	152 kN	152/360 kN
Suitable for use with steering wedges	✓	✓
Bearing	Pivot bearing	
Mounting height	173/175, 203/205, 263/260 mm	
Maintenance	Z, W	
LubeTronic *1Point*	✓	
LubeTronic *5Point*		
FlashTronic		
Sensoric	✓	
Approval	ECE-R55	ECE-R55

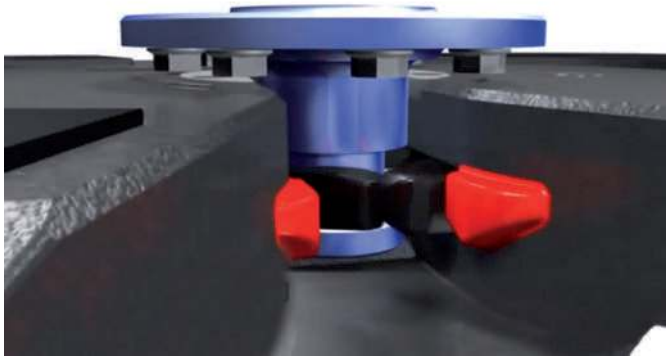
Explanatory notes for the selection tables please refer to page 15.

Design and components

The construction of JOST fifth wheel couplings guarantees the highest degree of safety.



The tappets in the insertion area ensure that the king pin is guided accurately into the fifth wheel coupling.



The recess on the patented lock jaw prevents dangerous false locking.



The locking bar, supported on both sides, guarantees an extremely stable safety system.



Further advantages

The adjusting screw allows the lock to be subsequently adjusted, resulting in lower wear.

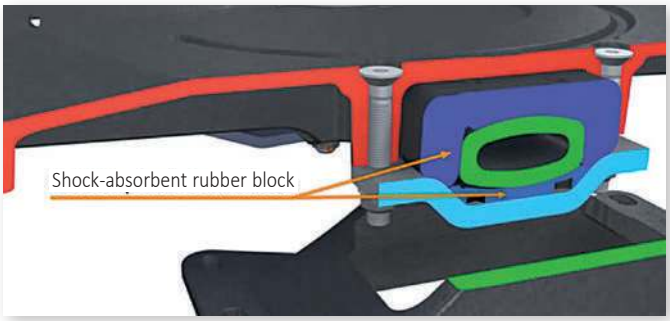


Wearing ring easy to replace without dismantling the fifth wheel coupling.

Bearing

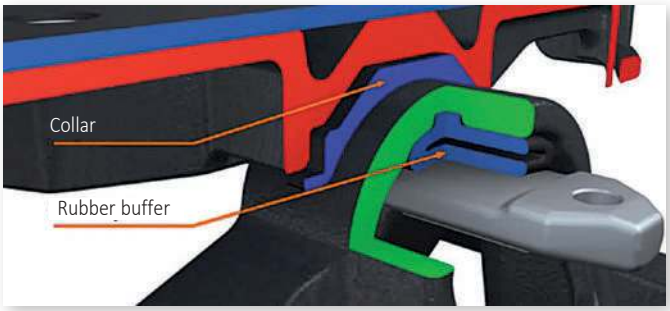
When choosing a fifth wheel coupling, you should especially take into consideration the requirements placed on bearing arrangements, mounting and maintenance. Basically, JOST fifth wheel couplings can be used universally.

Rubber bearing – Model “C”



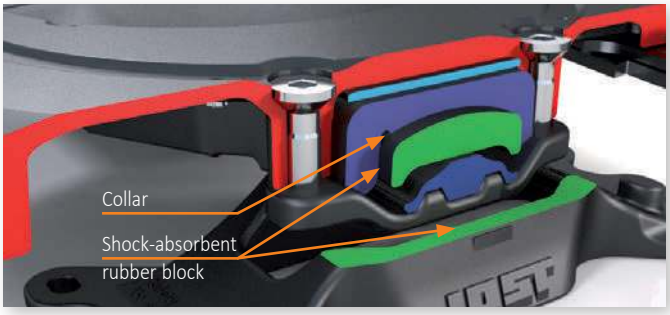
Fifth wheel couplings with rubber mountings are particularly suitable for poor quality road surfaces. The rubber cushions are shock-absorbent and maintenance-free.

Pivot bearing – Model “K”



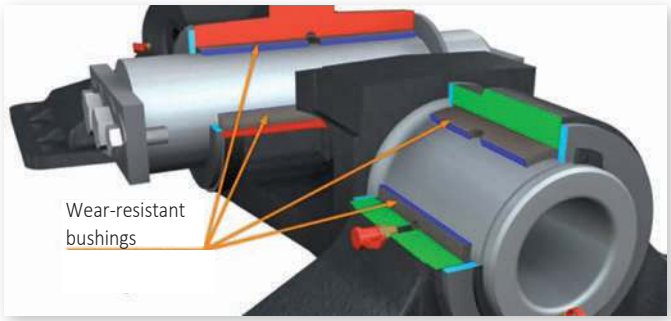
The K-bearing moves especially easy and it is torsion-proof and maintenance-free. It protects the chassis due to its longitudinal elasticity (lateral movement).

Hybrid bearing – Model “H”



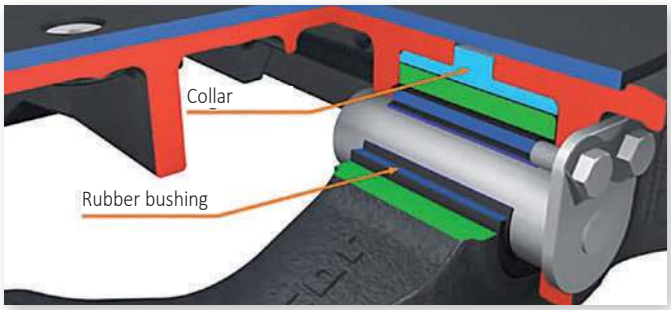
The new hybrid bearing combines the advantages of the rubber and the slide bearing. The rubber cushions are shock-absorbent and maintenance-free. Thanks to the plastic collars it protects the chassis due to its longitudinal elasticity (lateral movement).

Cardan mounting – Model “G”



The cardanic bearing is designed to allow roll between tractor and semi-trailer under off-road conditions. Due to the high strains it is designed as pivot bearing with wear-resistant bearing bushings. The lateral suspension must be disabled for on-road use.

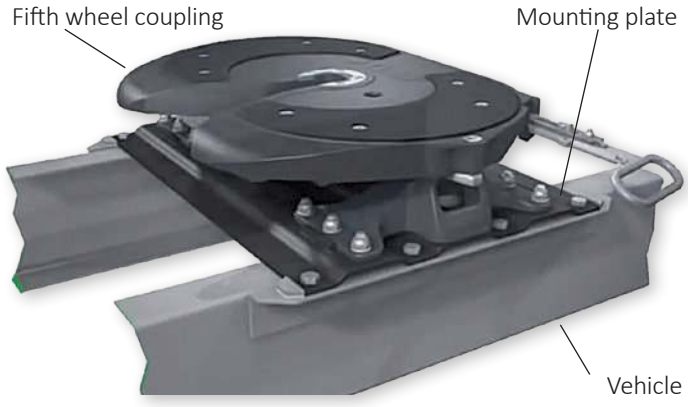
Pivot bearing – Model “D” and “E”



The pivot bearing allows low mounting heights and is maintenance-free in the “E” version. It is particularly suitable for use in sliding and dual height fifth wheel systems.

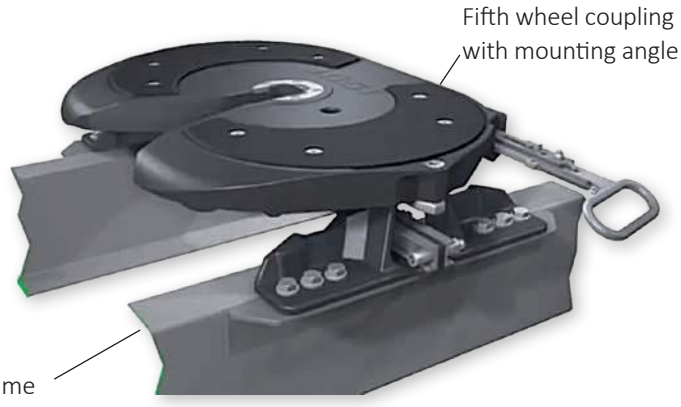
Mounting

Plate mounting



The fifth wheel coupling is fixed to the tractor frame by means of a mounting plate. Various mounting plate and fifth wheel mounting heights are available to facilitate an accurate match between the height of the fifth wheel and existing trailer systems.

Frame mounting



The fifth wheel coupling is built onto either the frame or sub-frame of the tractor. The JOST mounting instructions for fifth wheel couplings and mounting plates, as well as the respective mounting instructions supplied by the vehicle manufacturer must be observed when mounting or converting equipment.

Optional accessories

JOST Fleetmaster Handle is a handle extension (250 mm longer than the standard handle) with spring clips. JOST Fleetmaster Handle facilitates the opening process particularly where access and space is restricted. It can be secured using the attached spring clips. This enables improved and more secure use of the fifth wheel coupling. JOST Fleetmaster Handle can be retrofitted with the JSK 36 D fifth wheel coupling and the JSK SL or ProTech sliders.



Always safely coupled: sensor solutions

A modern vehicle fleet places complex demands on operators and drivers. It is thus essential to make it as safe as possible to operate the vehicle, to keep down the standing time and to avoid accidents. JOST has therefore developed various systems that build on each other to automate or support manual procedures; they thereby not only increase safety, but also efficiency.



All systems support the driver in the coupling process and/or in checking the fifth wheel coupling locking mechanism. This may be handled via an LED display on the coupling itself, driver assistance systems with remote display and/or remote operation in the driver's cab, or KKS, which automates the entire coupling process. Naturally, our sensor solutions can be combined with LubeTronic.

More information on the sensor solutions in the Systems chapter in this catalogue.



Maintenance

Everyone knows that regular, thorough maintenance is the most important factor in ensuring a long life span for a fifth wheel coupling. However, lubrication causes downtimes, costs money and harms the environment. To improve the situation, there is a range of solutions that make lubrication easier or even entirely unnecessary for a period of time.

"W" version

The series JSK 37 CW/EW fifth wheel couplings and all the series JSK 42 fifth wheel couplings in version "W" are equipped with a plastic top plate liner on the mounting surface and a wearing ring with plastic insert in the locking mechanism. In conjunction with the maintenance-free rubber or pivot bearing, only one greasing point on the lock jaw needs local lubrication. All wearing parts can be replaced quickly and easily.
Low-maintenance fifth wheel couplings therefore save both time and money, as well as conserving resources.



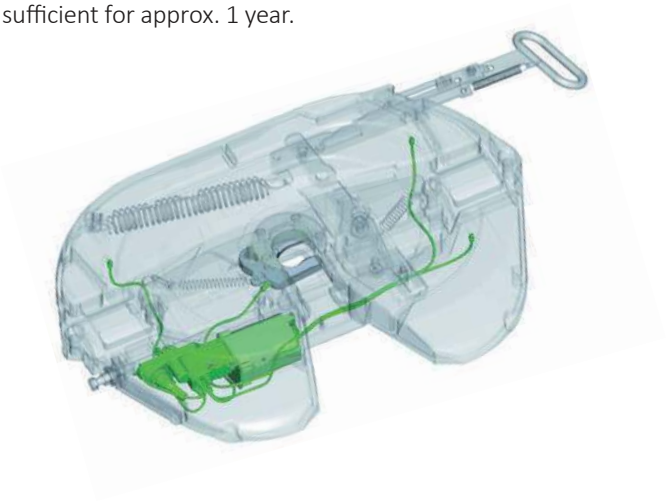
"LubeTronic *1Point*" version

Thanks to the top plate liners, low-maintenance fifth wheel couplings (Series W) have to be lubricated on the lock jaw only, not on the coupling plate. The use of LubeTronic *1Point* combined with a specially-coated lock jaw also eliminates this manual procedure. After activation the LubeTronic *1Point* supplies the lock jaw with the optimum amount of grease – guaranteed for 3 years. After this period, LubeTronic and the lock jaw need to be replaced.



"LubeTronic *5Point*" version

LubeTronic *5Point* was developed for fifth wheel couplings without top plate liners. It is a lubrication system that is integrated into the fifth wheel coupling and ensures reliable lubrication of the fifth wheel coupling plate and lock jaw. The electronic operation of the LubeTronic minimises the consumption of lubricant and ensures optimum lubrication of the fifth wheel coupling. The grease supply is sufficient for approx. 1 year.



Did you know …

… that **low-maintenance fifth wheel couplings** with plastc top plate liners (version W) can be lubricated, but do not require it? To prevent corrosion of the trailer plate, we recommend light, basic lubrication of the trailer plate within the scope of the maintenance intervals listed in the installation and operating instructions. The locking mechanism must be lubricated. Automatic lubrication systems (such as LubeTronic *1Point*) can be installed, as the top plate liners on the low-maintenance JOST fifth wheel couplings are made not from teflon, but from polyethylene (PE).

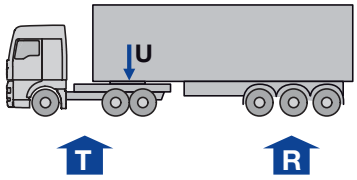
Definition D-value

The construction of the fifth wheel coupling in connection with the vehicle is carried out by the vehicle manufacturer (construction according to Directive R55-01, Appendix 7).

The imposed load on the tractor and the D value are criteria for the load-bearing capacity of the fifth wheel couplings and mounting plates.

The D value calculates according to the following formula:

$$D = g \times \frac{0{,}6 \times T \times R}{T + R - U} \text{ (kN)}$$



Calculation example:

$$D = 9{,}81 \times \frac{0{,}6 \times 17 \times 33}{17 + 33 - 10{,}5} = 83{,}6 \text{ (kN)}$$

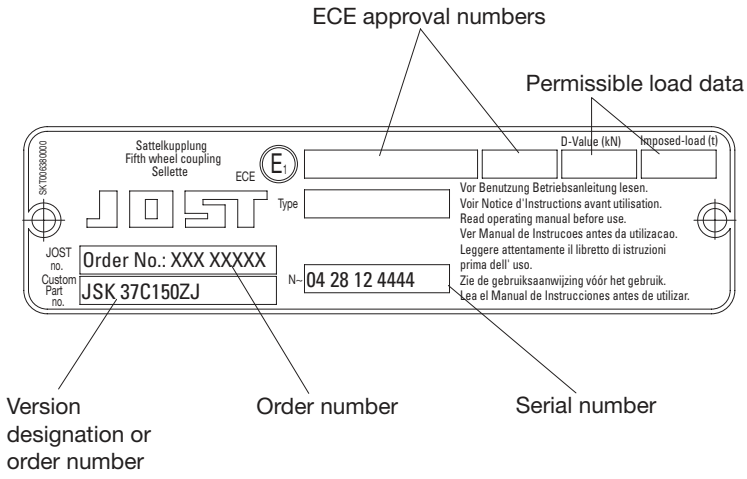
Given: T = 17 t
R = 33 t
U = 10,5 t

The permissible load data for JOST fifth wheel couplings can be found on the type plate or in the JOST product catalogue. They apply for the intended use in compliance with the Directive ECE-R55. If additional dynamic demands are to be placed on the coupling, e.g. by use on uneven road surfaces or construction sites, the imposed load and D value should not be fully used or a stronger fifth wheel coupling should be fitted, and/or you should ask JOST for advice.

A D value calculator for standard and ISO values is available at www.jost-world.com.

Type plate

The fifth wheel type plate is attached, placed on the side of the coupling plate. When ordering spare parts, please quote the model designation and the serial number.



Technical Specification

The ECE directives comprise a catalogue of internationally agreed, consistent technical rules for motor vehicles and add-on parts for motor vehicles. The ECE mark is to be attached to every vehicle or add-on part in motor vehicles for which an ECE approval has been issued. The mark consists of a circle with the capital letter “E” and the ID number of the country issuing the approval. Accordingly, “E1” stands for Germany.

Fifth wheel couplings and mounting plates are considered add-on parts for tractors used to connect tractors and trailers, making them vehicle connection parts that are subject to type approval.

For JOST fifth wheel couplings and mounting plates, mainly ECE Directive R55 (Mechanical coupling components of combinations of vehicles) is of relevance. Another important directive for our system solution is ECE Directive R10 (Electromagnetic compatibility).

The manufacturer’s specifications, the JOST mounting and operating instructions and the applicable national regulations need to be observed when mounting, operating, replacing or retrofitting fifth wheel couplings. In Germany, §§ 19, 20, 21 and 27 of the StVZO (German Road Traffic Licensing Regulation) apply.

Explanations of the abbreviations

WA / Maintenance

M = Manual lubrication

Z = Prepared for connection to the central lubrication system on the tractor unit

W = Low-maintenance with plastic top plate liner, lubrication only required on the lock jaw

LT *1P* = Low-maintenance version with plastic top plate liners and LubeTronic *1Point* for automatic lock jaw lubrication

LT *5P* = LubeTronic *5Point* central lubrication system

EV = FlashTronic

ZL / Handle length

J = Long handle

K = Short handle

D-value calculation

T = Permissible total weight of the tractor unit in t (including U)

R = Permissible total weight of the semi-trailer in t

U = Permissible imposed load on tractor in t

g = 9,81 m/sec^2

Vehicle

ST = Standard

MAN = MAN

VT = Volvo Truck

MB = Mercedes-Benz

RT = Renault Truck

DAF = DAF

IV = IVECO

SC = Scania

DW = Daewoo

FO = Ford

General

oZ = Without drawing

BH = Mounting height

LB = Hole pattern

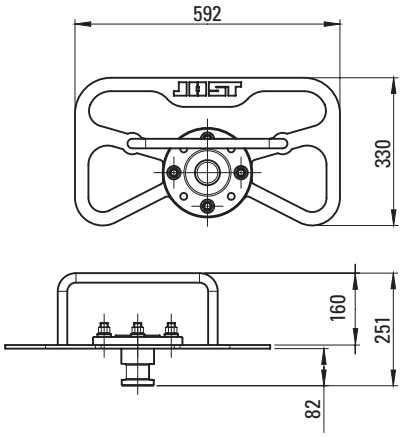
Accessories

Fifth wheel test unit

Compatible with all 2" king pins.

Order No.: SKE008630000





Application

The JOST fifth wheel test unit is an important aid for you: The locking mechanism of JOST fifth wheel couplings can be examined and, if necessary, readjusted quickly, easily and accurately. The fifth wheel test unit is suitable for all 2" fifth wheel couplings as well as for 3½" fifth wheel couplings when using a king pin adapter.*

Your advantage

- Adjustment is straightforward and time-saving with no need to dismantle the fifth wheel coupling or trailer
- Compact and robust
- Simplifies the adjustment of king pin sensors on sensor fifth wheel couplings

* The king pin adapter has no ECE approval and is not suitable for use on public roads.

Automatic lubricator

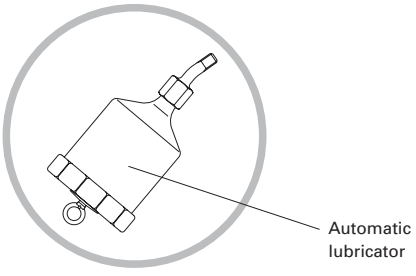
All users of low-maintenance JOST couplings can save time and money by fitting an automatic lubricator. It will grease the fifth wheel lock jaw for up to six months.

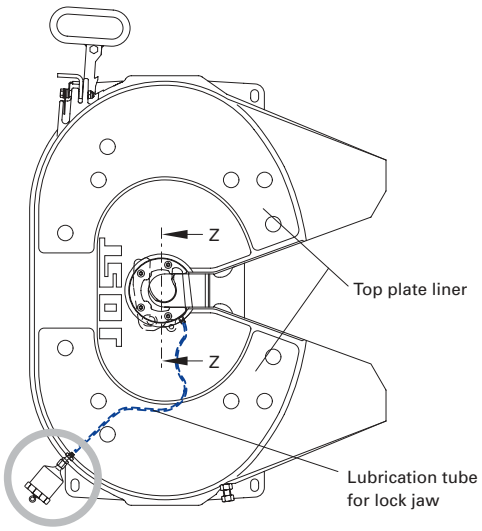
Due to the unavoidable dirt and corrosion that affect the top plate and king pin in every use, we recommend the following:

- Clean at regular intervals
- Apply a thin film of grease to the coupling plate
- Grease the fifth wheel coupling pin and lock jaw
- Use an automatic lubricator

This servicing work must be completed at least every 50,000 km or every six months, in tough operating conditions every 25,000 km. The automatic lubricator supplies the lock jaw with the required grease through the connection at the edge of the fifth wheel coupling plate. Please also see the mounting and operating instructions for the automatic lubricator.

Order No.: SK 3108-012





Wear limit gauges 2" and 3½"

The JOST wear limit gauge may be a valuable tool for you. The lock on JOST fifth wheel couplings is adjusted at the factory to provide initial horizontal play of approx. 0.3 mm in the direction of travel with a new king pin.

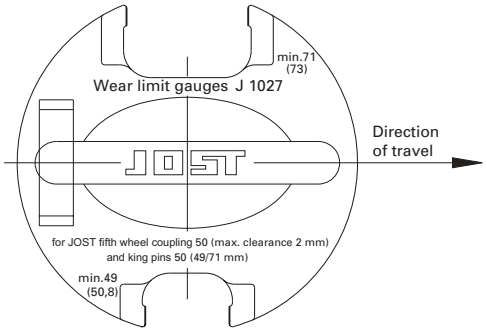
This longitudinal play may increase to 2 mm as a result of wear on the lock jaw or wearing ring. JOST fifth wheel couplings offer stageless adjustment to compensate for wear in the coupling lock. Only when this adjustment distance has been exhausted the fifth wheel coupling has to be repaired. The JOST wear limit gauge makes it possible to determine whether the lock on a 2" or 3½" JOST fifth wheel coupling or a 2" or 3½" king pin has reached or exceeded the permitted wearing limit while the coupling is disconnected and closed.

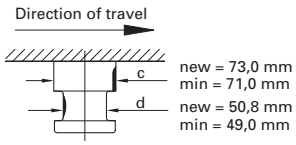
Your advantage

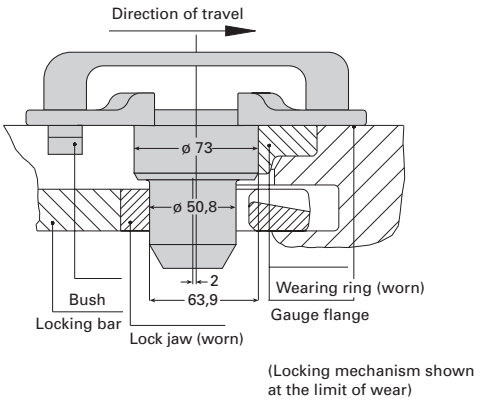
- A wear gauge for everything – for the fifth wheel coupling locking mechanism as well as for the king pin
- Simplifies the wear and tear examination and saves time
- Light and easy to handle



Item: J 1027 for 2"

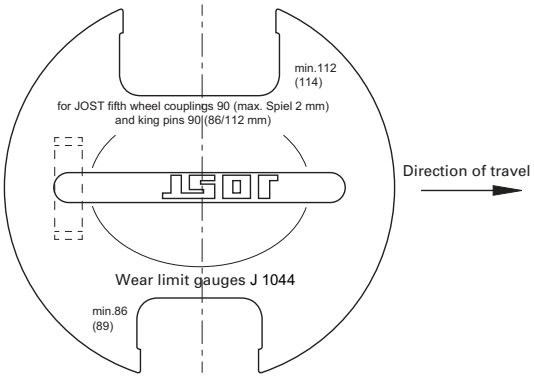


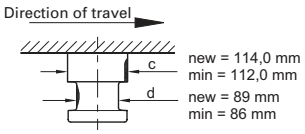


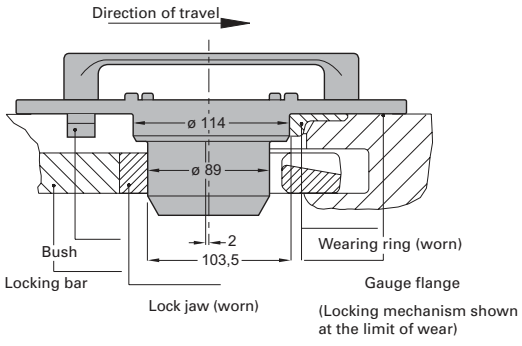


(Locking mechanism shown at the limit of wear)

Item: J 1044 for 3½"







(Locking mechanism shown at the limit of wear)

Note:
Further instructions for testing when coupled are given in the JOST repair instructions for fifth wheel couplings.

Systems

JOST coupling systems use cutting edge electronic technology to increase safety, comfort and efficiency in all operations. The following variants are currently available for different demands:

- **Automatic coupling system (KKS)**
- **Sensor coupling system (SKS)**
- **Sensor fifth wheel coupling (sensors)**
- **LubeTronic 5 and 1Point**

JOST KKS is the ground-breaking automatic coupling system, which is revolutionising the coupling process. The tried-and-tested components – including the JSK 42 fifth wheel coupling, the Modul E-Drive landing gear, SKS, sensors and LubeTronic – form a complete system which no longer requires the driver to climb, crank or plug.

In the SKS sensor coupling system, three sensors constantly monitor the status of the fifth wheel coupling. The coupling is opened comfortably and in a time-saving manner using a remote control in the driver's cab. The sensor fifth wheel coupling system also permanently monitors the locking position via sensors, displaying the position via remote display in the driver's cab.

The coupling systems are supplemented by LubeTronic, the automatic lubrication systems which are available for both standard and low-maintenance fifth wheel couplings. These systems reduce both the effort required for subsequent greasing, as well as the amount of grease. The biodegradable, high-performance lubricant is not only easy on the wallet, but also on the environment.



KKS

The JOST KKS enables the driver to couple and decouple the semi-trailer via remote control without leaving the driver's cab. The JSK 42 fifth wheel coupling, the Modul E-Drive landing gear, SKS, sensors and LubeTronic components form a complete system which saves time when coupling, as well as increases safety, efficiency and ergonomics.

The driver is guided through the coupling process, with sensors providing live information on the coupling status through the KKS remote control. Furthermore, the driver can operate the landing gear and fifth wheel coupling locking mechanism from the cab, significantly reducing the coupling duration and number of times needed to get in and out of the cab. It is of course possible to introduce the KKS step-by-step into to the fleets, as the operation in mixed fleets is possible.

The KKS is particularly suited for transport companies which often perform coupling processes and drive short distances, such as those in on-site operations, as the time advantages here are particularly beneficial from a financial standpoint.



Benefits at a glance

Ergonomics and health

- No need to climb onto the catwalk
- No more cranking of landing gears, automatic operation
- No more manual mounting of the fifth wheel coupling
- No need to get off and into the cab so often

Time saving of up to 50 %

- No more need for cranking, connecting and disconnecting supply lines or opening the fifth wheel, thus freeing up time for other important tasks

Safety

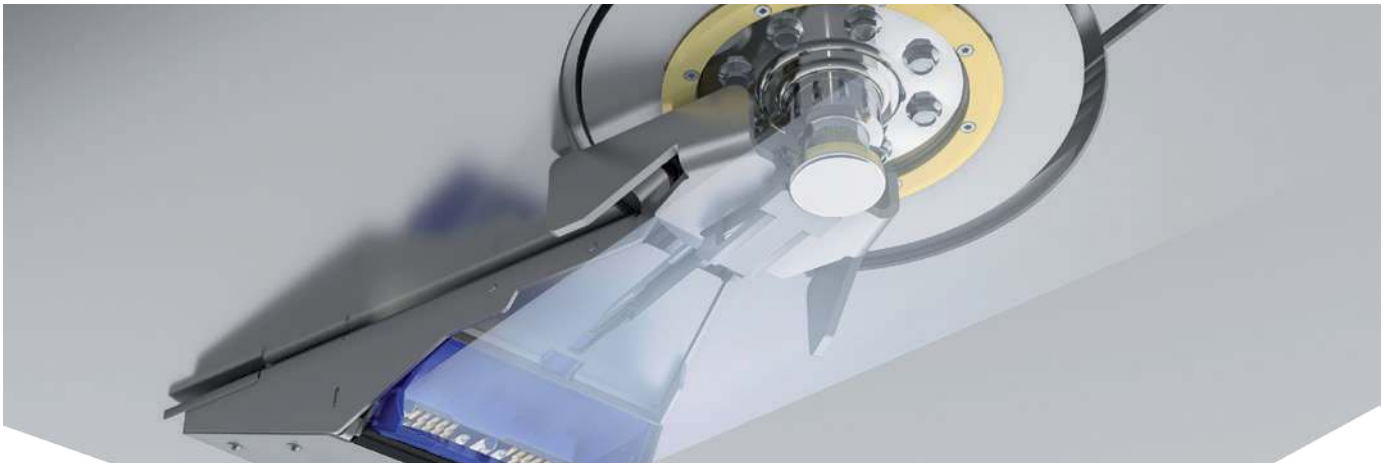
- KKS and sensors prevent trailer loss
- Wrong coupling is no longer possible: when the trailer is supplied with electricity, the king pin is in the fifth wheel coupling
- The driver cannot become trapped between truck and trailer
- No more workplace accidents caused by careless climbing
- Standard pneumatic cylinder always allows effortless opening of the fifth wheel coupling, even when the tractor-trailer is twisted
- Three sensors are built in as standard, for sensing the king pin, trailer plate and fifth wheel lock
- The landing gear is always moved all the way up, thereby preventing damage
- The coupling process is guided and observed by remote control, operating errors are prevented

Further advantages

- Simple coupling and decoupling, even when it is raining, snowing or during darkness
- Relieves time pressure on the driver, resulting in less stress and fewer errors
- Reduced space requirement, as cranking the landing legs is no longer necessary
- Increased convenience for the driver
- Of course, operation in mixed fleets is also possible; therefore, the JOST KKS can be introduced step-by-step
- Standardised plug certified to ISO 13044-2 makes the system future-proof
- Supply connections for truck and trailer remain intact
- Costs can be reduced, as the catwalk, supply lines and side flaps are no longer needed
- Can be reliably deployed for transporting dangerous goods thanks to ADR certificate
- Approved as per ECE R55-01 and ECE R13
- Spiral cables can no longer be broken off due to carelessness

JOST KKS is a revolutionary product which will permanently change the logistics sector, thanks to the time, comfort and safety gains enabled through a single product.

The complete automation of manual, time-consuming and strenuous processes enhances safety, efficiency and ensures greater satisfaction amongst drivers in today's fleets. A huge advancement, particularly in times of demographic changes and a lack of drivers!

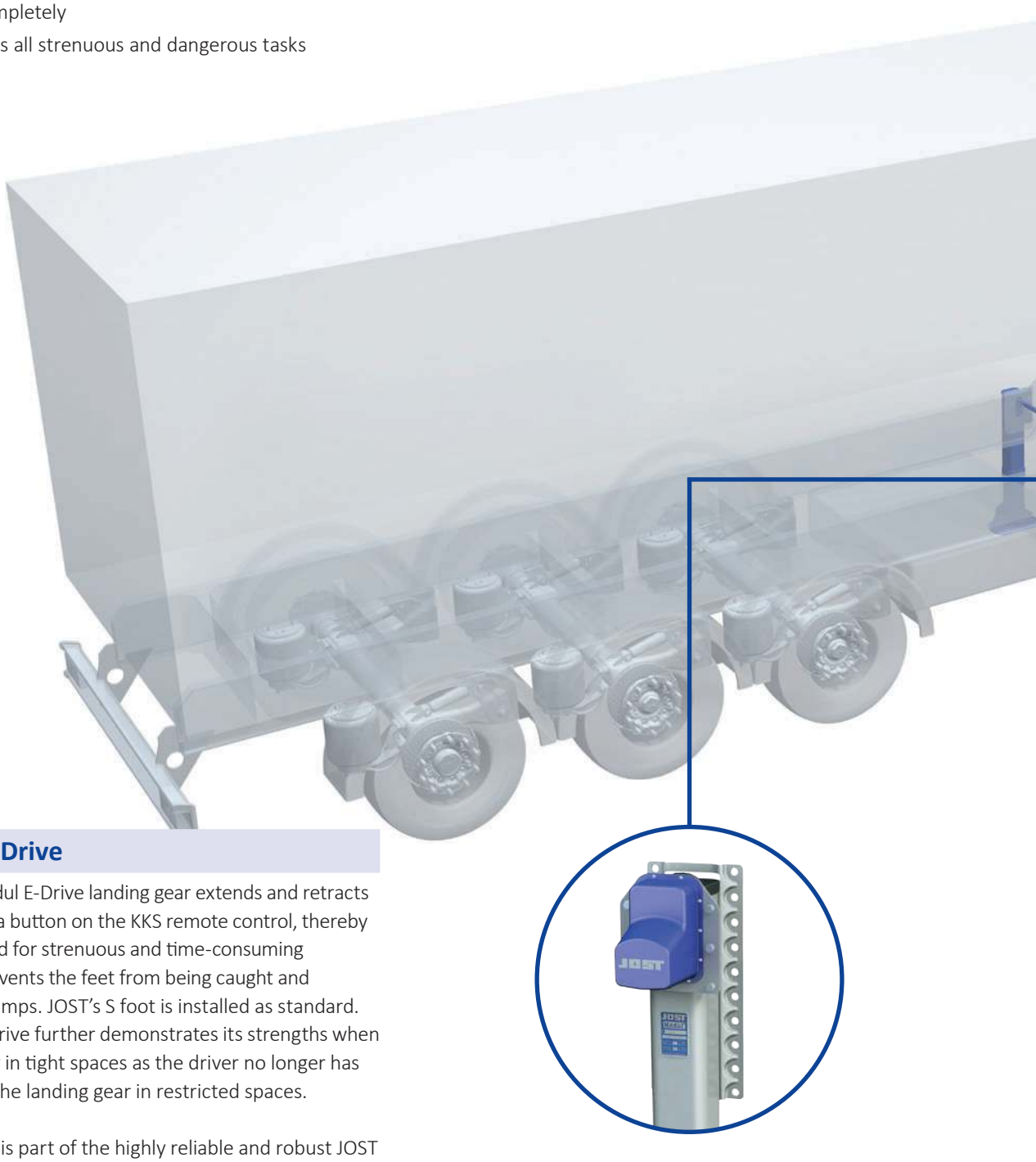


KKS

No climbing, no cranking, no plugging

The automatic coupling system (KKS) automates the entire coupling procedure.

- Automatic plug connectors for supply lines, electric supply and ABS/EBS, no manual untangling of the existing spiral cables
- Fifth wheel coupling with remote control and remote display – no uncertainty when coupling thanks to a standardised coupling and decoupling process.
- Landing gear in line with cutting edge ergonomic standards – no manual cranking required, the landing gear extends and retracts completely
- The KKS assumes all strenuous and dangerous tasks



KKS Modul E-Drive

The innovative Modul E-Drive landing gear extends and retracts fully at the push of a button on the KKS remote control, thereby eliminating the need for strenuous and time-consuming cranking. It also prevents the feet from being caught and damaged on any bumps. JOST's S foot is installed as standard. And the Modul E-Drive further demonstrates its strengths when decoupling a trailer in tight spaces as the driver no longer has to manually crank the landing gear in restricted spaces.

The Modul E-Drive is part of the highly reliable and robust JOST Modul series and is available in different installation heights and plate positions.



KKS Connector

The KKS Connector establishes all the necessary electrical and pneumatic connections between the truck and the trailer. This eliminates not only the danger caused by climbing onto and off the catwalk, but also the need to manually connect the supply lines. When decoupling a trailer, the connector always aligns to the straight-ahead position, ensuring the next coupling process goes smoothly.

KKS Remote Control

The KKS Remote Control provides the driver with live status information on the locking position of the fifth wheel coupling, the position of the trailer plate and the king pin. The driver is able to extend and retract the landing gear or open the KKS 42 from the driver's cab. The entire process is standardised, eliminating any possibility of a mistake.

KKS 42

The KKS is based on the proven and reliable JSK 42 with short handle. Depending on the design, it is supplemented by the LubeTronic *5* LubeTronic *1Point*. The KKS 42 also includes the innovative JOST SKS (sensor coupling system) featuring 3 sensors, thereby eliminating the need to pull on the handle and ensuring maximum safety when coupling.

Selection table / Versions available

Truck
KKS Fifth Wheel Coupling

Scope of delivery:
The KKS Fifth Wheel Coupling is structurally identical to the JSK 42. The models below serve as examples; more can be provided on request. Equipped as standard with sensors, SKS and LubeTronic 5Point in the standard version, or with LubeTronic *1Point* in the low-maintenance version. All with short handle.

Order No.	H (mm)	Weight (kg)	Approval (ECE)	WA
KKS 42 K0 20 79 AA	150	135	E1 55R-01 1245	LT*P5*
KKS 42 K0 20 U1 AA	150	134	E1 55R-01 1245	W+LT*P1*
KKS 42 K0 38 79 AA	185	133	E1 55R-01 1245	LT*P5*
KKS 42 K0 38 U1 AA	185	132	E1 55R-01 1245	W+LT*P1*
KKS 42 K0 57 79 AA	225	138	E1 55R-01 1245	LT*P5*
KKS 42 K0 57 U1 AA	225	137	E1 55R-01 1245	W+LT*P1*
KKS 42 K0 70 79 AA	250	142	E1 55R-01 1245	LT*P5*
KKS 42 K0 70 U1 AA	250	141	E1 55R-01 1245	W+LT*P1*

Trailer
KKS Modul E-Drive

- Available in six installation heights with an especially large lift
- Back plate can be ordered in three different plate positions (top, bottom and double back plate)

Order No.	M (mm)	H (mm)	A (mm)	Back plate
B0103-010000KKS	900	560	630	Double plate
B0203-010000KKS	850	520	580	Double plate
B0303-010000KKS	800	470	530	Double plate
B0403-010000KKS	750	430	480	Double plate
B0503-010000KKS	700	400	430	Double plate
B0603-010000KKS	650	350	380	Double plate

Can only be ordered with S foot
Note: Other models available on request. Cranks and connection shafts need to be ordered separately and are shipped unassembled. More information and designs on page 136 of the catalogue.

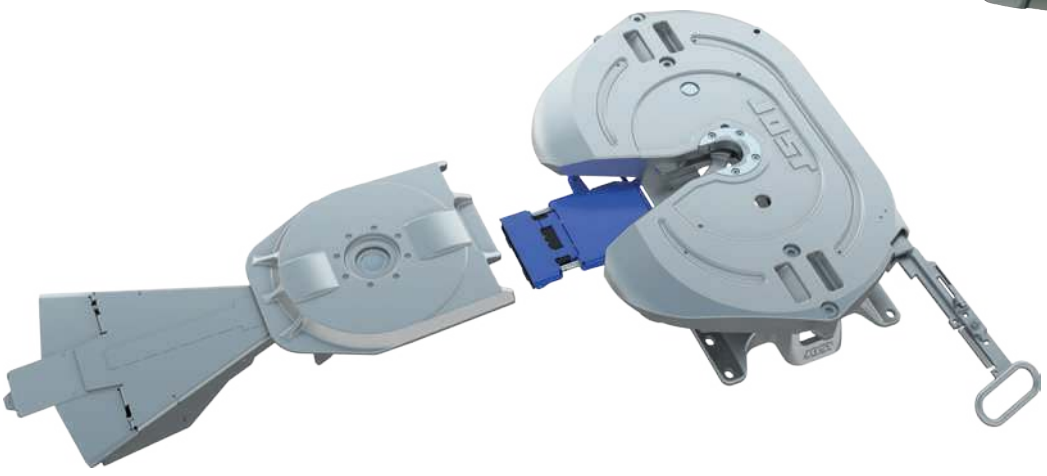
Trailer
KKS Connector

- Available KKS Connector models (includes cable drum, steering wedge, retention plate and cathodic dip-coated king pin, KKS plug for installing in the trailer)
- Dimensions A and B, in line with king pin KZ10

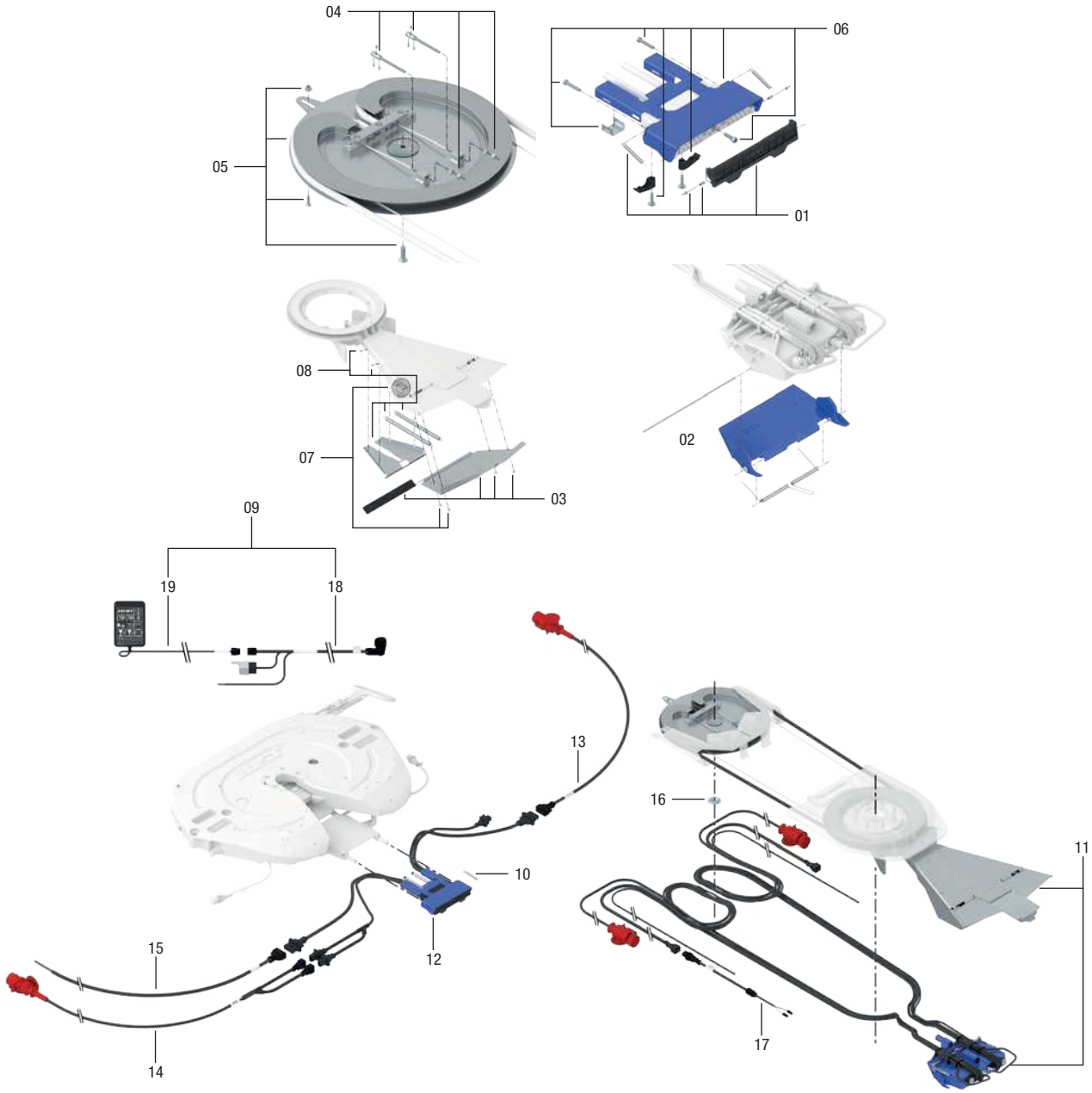
Order No.	A (mm)	B (mm)	Approval (ECE)
KKS C 1008 000 109	8	37	E1 55R-01 0145
KKS C 1010 000 109	10	34	E1 55R-01 0145
KKS C 1012 000 109	12	33	E1 55R-01 0145

Delivery includes:
King pin complete with plate and screws (mounted)





Spare parts and kit



Item	Description	Remark	Order No.
01	Socket cover kit (ready to install)		KKSE 100473400
02	Aluminium valve kit		KKSE 119091300
03	Lower cover panel for wedge kit		KKSE 115641500
04	Steel cable tensioner kit		KKSE 119052600
05	Cable storage kit		KKSE 115642300
06	Socket guard kit		KKSE 115631200
07	Pivoted lever spring kit		KKSE 115637400
08	Wedge return spring kit		KKSE 115642100
09	Connector cable with relay	cpl. with 18 + 19	KKSE 100457600
10	Socket cover tension spring		KKSE 119260700
11	Wedge transport kit	cpl. with 03 + 07 + 08 + 02	KKSE 115634800
12	KKS socket unit	cpl. with 14 + 10 + 01 + 06	KKSE 115628200
13	15 pin cable set		KKSE 119293700
14	7 pin cable set		KKSE 119293900
15	4 pin energy supply cable		KKSE 119293800
16	Centering ring		KKSE 115634700
17	E-Drive to KKS adapter cable	if E-Drive already available	KKSE 119057200
18	Connector cable with relay		KKSE 100458200
19	Display		KKSE 100457300

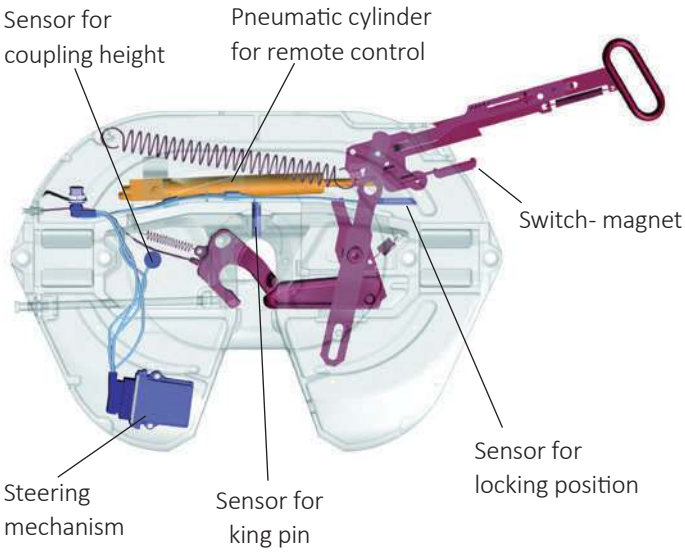
SKS (Sensor coupling system)

Advantages at a glance

- Sensors provide optimum safety when connecting
- Increased safety even in poor visibility
- The pneumatic mechanism of the lock enables the fifth wheel coupling to be opened effortlessly at all times, even when the tractor/trailer unit is under tension
- Avoids unnecessary shunting and fiddling
- The fifth wheel coupling can still be operated mechanically

Technical Features

- The remote control in the cabin opens the fifth wheel coupling at the push of a button thanks to a pneumatic cylinder.
- A sensor permanently monitors the locking position and displays it in the driver's cabin
- A second sensor controls the position of the king pin
- A third sensor displays the correct coupling height in the driver's cab
- Sensors are located in protected zones on non-moving parts
- Electromagnetical compatibility according to highest standards





Selection table / Versions available

Plate mounting

Order No.	H (mm)	Weight (kg)	Approval (ECE)	WA
JSK 42 K0 20 49 AA	150	133	E1 55R-01 1245	Z
JSK 42 K0 20 51 AA	150	132	E1 55R-01 1245	W
JSK 42 K0 38 49 AA	185	131	E1 55R-01 1245	Z
JSK 42 K0 38 51 AA	185	130	E1 55R-01 1245	W
JSK 42 K0 57 49 AA	225	136	E1 55R-01 1245	Z
JSK 42 K0 57 51 AA	225	135	E1 55R-01 1245	W
JSK 42 K0 70 49 AA	250	140	E1 55R-01 1245	Z
JSK 42 K0 70 51 AA	250	139	E1 55R-01 1245	W

Technical Specification

Sensor coupling system in accordance with the ECE R55-01, TÜ.EGG.095-05, DIN 74081, ISO 3842, ECE R10 directives/standards. Suited for picking up 2" king pins (class G50) in accordance with ECE R55-01, DIN 74080, ISO 337 and steering wedges in accordance with ECE R55-01, DIN 74085.

Truck kit (remote control unit and cable set)*

Order No.	Weight (kg)
SKE003790100	2.4

Also available for additional models in the **JSK 42** series

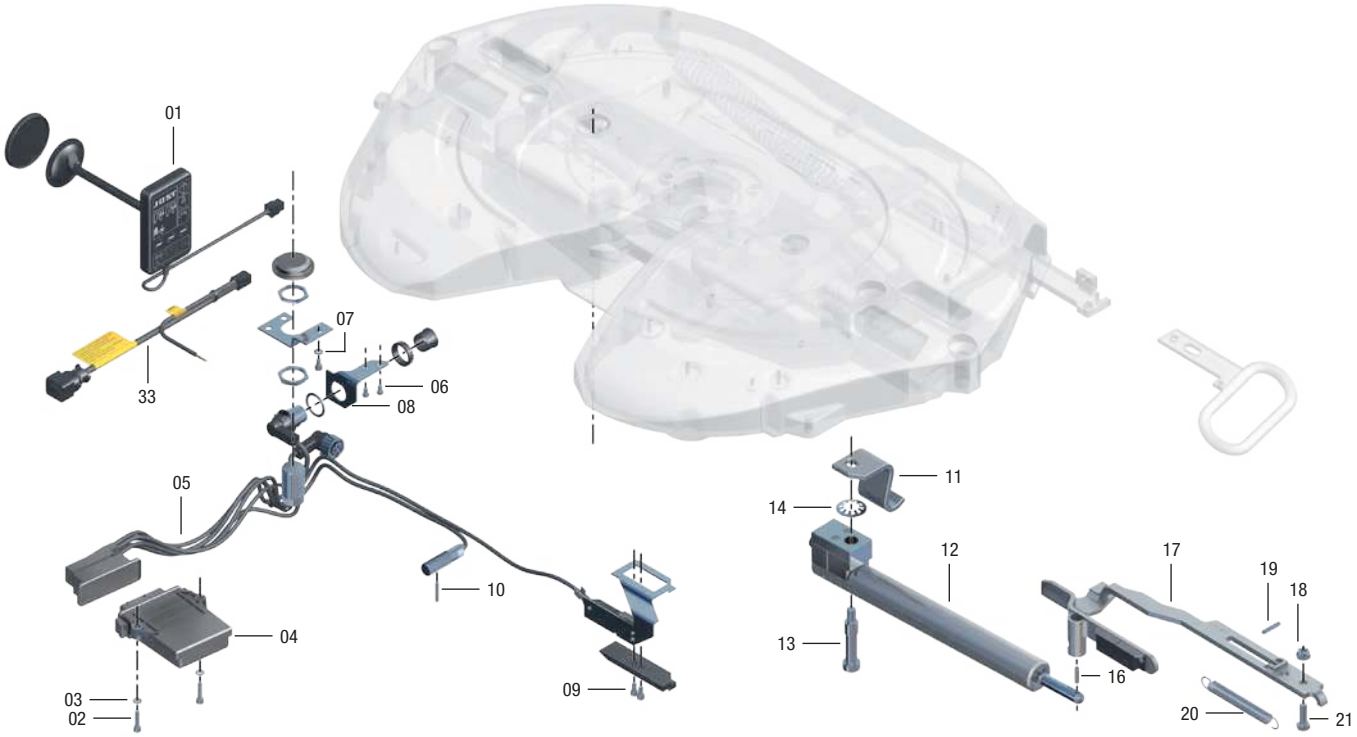
Before installing SKS, please make sure that electric and air connections are available.

*Truck kit must be ordered separately

AUTO SKS

Fifth wheel couplings SKS

Spare parts



Repair kits

Item	Description	Order No.
01	SKS display with activation via parking break	SKE003300300
33	Kit trunk cable with relay	SKE003310200
oZ	Relay	SKE003800100
05, 06, 07, 08, 09, 10	Kit trunk cable SK	SKE003190100
17, 18, 19, 20, 21	Kit locking lever + magnet	SKE001360100
12, 13, 14, 16, 18, 21	Kit opening cylinder	SKE003230100

Item	Description	Order No.
02, 03, 04	SKS control device with activation via parking break	SKE003180300
11, 13	Pitching angle end stop	SKE003240000
oZ	Pitching angle end stop 55 mm for BH150	SKE003250200
oZ	Pitching angle end stop 32 mm	SKE003250100

For spare parts for the fifth wheel coupling, see JSK 42

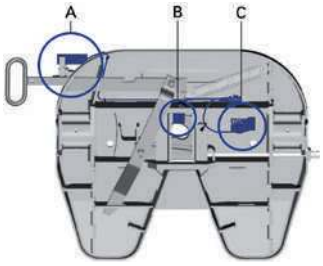
Sensor couplings

Advantages at a glance

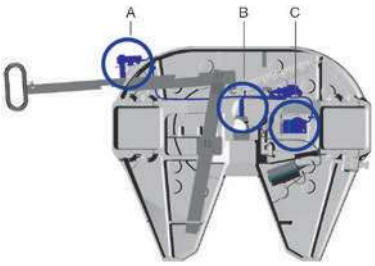
- Sensors provide best possible safety during the coupling process
- Increased safety even in poor visibility
- A remote display processes the signal and displays it in the driver's cab

Technical Features

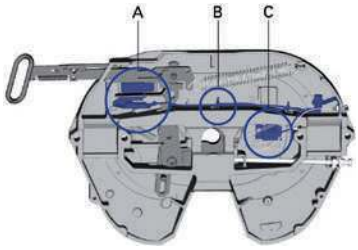
- A sensor permanently monitors the connection status
- A second sensor controls the position of the king pin
- An additional third sensor monitors the contact locking position and displays it in the driver's cab.
- The sensors are located in protected zones on non-moving parts
- Electromagnetical compatibility according to highest standards
- Also suitable for use in the transport of dangerous goods (ADR)



Pressed steel coupling JSK 36



Cast coupling JSK 37



Cast coupling JSK 42



Sensoric

A = Sensor for connection status
B = Sensor for king pin
C = Sensor for coupling height

Selection table / Versions available

JSK 34

Order No.	H (mm)	S (mm)	X	Y	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	Hole pattern versions[1]	ZL	Sensoric
JSK 34 H0 20 CY AA	150		12°	12°	120	16	118	E1 55R-01 2482	LT*5P* ST		J	ST*
JSK 34 H0 20 DA AA	150		12°	12°	120	16	118	E1 55R-01 2482	LT*5P* ST		J	ST*
JSK 34 H0 38 46 AA	185		15°	15°	120	16	120	E1 55R-01 2482	Z		J	ST*
JSK 34 H0 38 C6 AA	185		15°	15°	120	16	120	E1 55R-01 2482	Z		J	ST*
JSK 34 H6 40 46 AA	190		15°	15°	120	16	130	E1 55R-01 2482	Z		J	ST*
JSK 34 H6 40 BC AA	190		15°	15°	120	16	126	E1 55R-01 2482	W+LT*1P*		J	ST*
JSK 34 H6 40 CY AA	190		15°	15°	120	16	133	E1 55R-01 2482	LT*5P* ST		J	ST*
JSK 34 H6 57 46 AA	225		15°	15°	120	16	134	E1 55R-01 2482	Z		J	ST*
JSK 34 H6 57 CY AA	225		15°	15°	120	16	136	E1 55R-01 2482	LT*5P* ST		J	ST*
JSK 34 H8 21 PO AI	160	362,5	12°	12°	120	16	135	E1 55R-01 2482	W+LT*1P*	G	K	ST*
JSK 34 H8 21 P9 AI	160	337,5	12°	12°	120	16	135	E1 55R-01 2482	W+LT*1P*	H	K	ST*
JSK 34 H8 44 PO AI	200	362,5	17°	17°	120	16	139	E1 55R-01 2482	W+LT*1P*	G	K	ST*
JSK 34 H8 44 P9 AI	200	337,5	17°	17°	120	16	139	E1 55R-01 2482	W+LT*1P*	H	K	ST*

[1] The G series can be converted to the H series (and vice versa) by switching the right and left pedestals to the opposite side. This causes the fifth wheel coupling to be displaced by 25 mm in relation to the attachment hole pattern of the tractor.

* Sensor couplings in the version ST (Standard) are complete sets, they are delivered incl. remote display (SKE501620200) and cable set (SKE002110300).

Technical Specification

Sensor coupling system in accordance with the ECE R55-01, TÜ.EGG.095-05, DIN 74081, ISO 3842, ECE R10 directives/ standards. Suited for picking up 2" king pins (class G50) in accordance with ECE R55-01, DIN 74080, ISO 337 and steering wedges in accordance with ECE R55-01, DIN 74085.

Selection table / Versions available

JSK 36 – Plate coupling

Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Customer hole pattern	Approval (ECE)	ZL	WA	Version
JSK 36 DV 20 C6 AA	150	152	20	122	DIN	E1 55R-01 0301	J	M	Standard*
JSK 36 DV 31 C6 AA	172	152	20	122	DIN	E1 55R-01 0301	J	M	Standard*
JSK 36 DV 38 C6 AA	185	152	20	124	DIN	E1 55R-01 0301	J	M	Standard*
JSK 36 DV 47 C6 AA	205	152	20	128	DIN	E1 55R-01 0301	J	M	Standard*
JSK 36 DV 57 C6 AA	225	152	20	130	DIN	E1 55R-01 0301	J	M	Standard*

Selection table / Versions available

JSK 37 – Cast coupling

Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Customer hole pattern	Approval (ECE)	ZL	WA	Version
JSK 37 C0 20 C6 AA	150	152	20	146	DIN	E1 55R-01 0116	J	Z	Standard*
JSK 37 C0 20 C7 AA	150	152	20	146	DIN	E1 55R-01 0116	J	W	Standard*
JSK 37 C0 38 C6 AA	185	152	20	148	DIN	E1 55R-01 0116	J	Z	Standard*
JSK 37 C0 38 C7 AA	185	152	20	148	DIN	E1 55R-01 0116	J	W	Standard*
JSK 37 C0 20 M3 EX	150	152	20	146	DIN	E1 55R-01 0116	J	Z	Mercedes-Benz
JSK 37 C0 20 BE EE	150	152	20	146	DIN	E1 55R-01 0116	J	W+LT*1P*	Mercedes-Benz
JSK 37 C0 38 M3 EX	185	152	20	148	DIN	E1 55R-01 0116	J	Z	Mercedes-Benz
JSK 37 C0 38 BE EE	185	152	20	148	DIN	E1 55R-01 0116	J	W+LT*1P*	Mercedes-Benz
JSK 37 C0 20 P1 AI	150	152	20	146	DIN	E1 55R-01 0116	K	Z	Volvo/Renault
JSK 37 C0 20 P4 AI	150	152	20	146	DIN	E1 55R-01 0116	K	W+LT*1P*	Volvo/Renault
JSK 37 C0 38 P1 AI	185	152	20	148	DIN	E1 55R-01 0116	K	Z	Volvo/Renault
JSK 37 C0 38 P4 AI	185	152	20	148	DIN	E1 55R-01 0116	K	W+LT*1P*	Volvo/Renault

Selection table / Versions available

JSK 42 – Cast coupling

Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Customer hole pattern	Approval (ECE)	ZL	WA	Version
JSK 42 K0 20 C6 AA	150	152	20	126	DIN	E1 55R-01 1245	J	Z	Standard*
JSK 42 K0 20 C7 AA	150	152	20	126	DIN	E1 55R-01 1245	J	W	Standard*
JSK 42 K0 38 C6 AA	185	152	20	128	DIN	E1 55R-01 1245	J	Z	Standard*
JSK 42 K0 38 C7 AA	185	152	20	128	DIN	E1 55R-01 1245	J	W	Standard*
JSK 42 K0 20 M3 BB	150	152	20	126	DIN	E1 55R-01 1245	J	Z	Mercedes-Benz
JSK 42 K0 20 BC AA	150	152	20	126	DIN	E1 55R-01 1245	J	W+LT*1P*	Mercedes-Benz
JSK 42 K0 38 M3 BB	185	152	20	128	DIN	E1 55R-01 1245	J	Z	Mercedes-Benz
JSK 42 K0 38 BC AA	185	152	20	128	DIN	E1 55R-01 1245	J	W+LT*1P*	Mercedes-Benz
JSK 42 K0 20 P1 AI	150	152	20	126	DIN	E1 55R-01 1245	K	Z	Volvo/Renault
JSK 42 K0 20 P4 AI	150	152	20	126	DIN	E1 55R-01 1245	K	W+LT*1P*	Volvo/Renault
JSK 42 K0 38 P1 AI	185	152	20	128	DIN	E1 55R-01 1245	K	Z	Volvo/Renault
JSK 42 K0 38 P4 AI	185	152	20	128	DIN	E1 55R-01 1245	K	W+LT*1P*	Volvo/Renault

* Sensor couplings in the standard version JSK 36, JSK 37 and JSK 42 are complete sets, which means that remote display (SKE501620200) and cable set (SKE002110300) are included in the delivery.

For using sensor coupling versions MB, RT and VT, the truck has to be prepared ex factory for sensors by the manufacturer.

Also available for additional models in the
JSK 36 • JSK 37 • JSK 40 • JSK 42 series

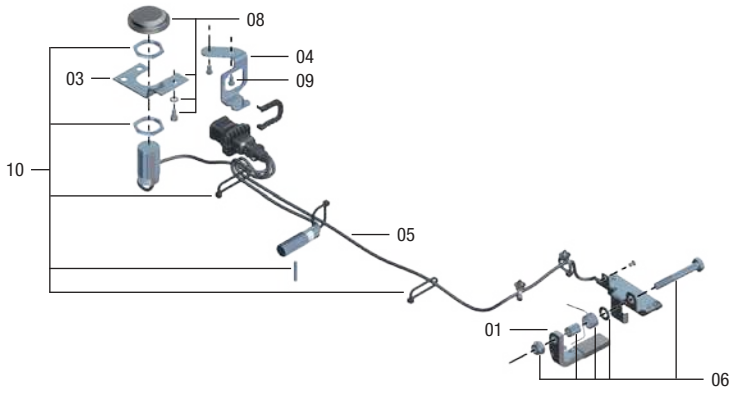
Explanations:

WA/Maintenance
W = Low-maintenance version
M = Manual lubrication
Z = Prepared for central lubrication
LT*1P* = LubeTronic *1Point*

ZL/Handle length
J = Long handle
K = Short handle

Sensor couplings

Spare parts JSK 36 + 37



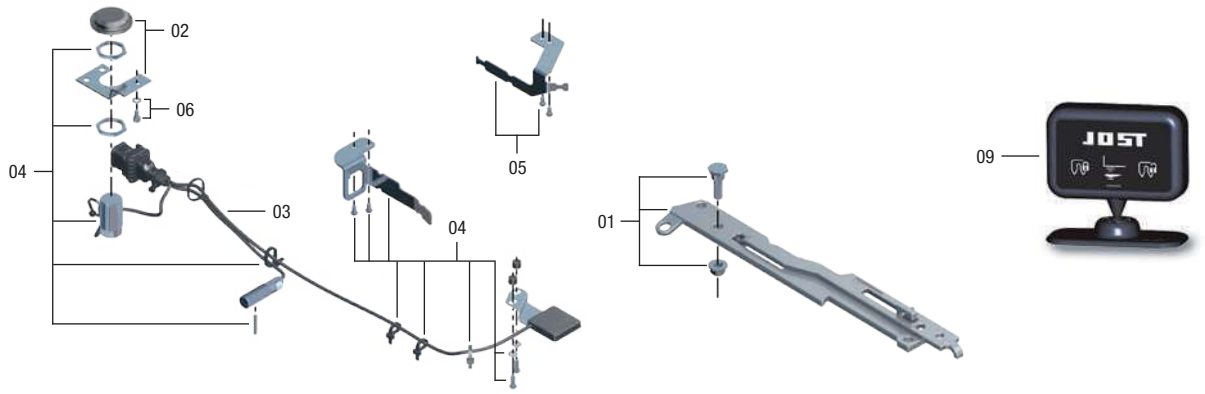


Item	Description	Remark	Order No.	per sensor coupling
01	Latch with locking magnet JSK 36	with 06	SKE100399300	1
01	Latch with locking magnet JSK 37	with 06	SKE002905104	1
02	Retaining plate for king pin sensor	oZ	SKE002905130	1
03	Retaining plate for trailer sensor	with 08	SKE003220100	1
04	Retaining plate for pin housing JSK 36	with 09	SKE004650000	1
04	Retaining plate for pin housing JSK 37	with 09	SKE006160000	1
05	3-sensor cable harness with retaining plate for locking sensor JSK 36 (pole round plug)	with 06, 08, 09, 10	SKE002040400	1
05	3-sensor cable harness with retaining plate for locking sensor JSK 36 (pole angular plug) – new	with 06, 08, 09, 10	SKE006140300	1
05	3-sensor cable harness with retaining plate for locking sensor JSK 37 – Standard/Mercedes-Benz	with 06, 08, 09, 10	SKE006140101	1
05	3-sensor cable harness with retaining plate for locking sensor JSK 37 – Volvo	with 06, 08, 09, 10	SKE006350110	1
11	Sensor display with 3 sensors – 24 V (European standard)		SKE501620200	1
11	Sensor display with 3 sensors – 12 V		SKE501620500	1
12	Connection cable, ADR quality (7-pole round plug)	oZ	SKE002110200	1
12	Connection cable, ADR quality (7-pole angular plug) – new	oZ	SKE002110300	1
13	Adapter cable (pole round plug vs pole angular plug)	oZ	SKE011300000	1
14	Single trailer plate sensor for JSK 37 – Standard/Mercedes-Benz	with 02, 03, 08	SKE117962100	1
15	Single king pin sensor for JSK 37 – Standard/Mercedes-Benz		SKE117948000	1
16	Single locking mechanism sensor for JSK 37 – Standard/Mercedes-Benz		SKE009800001	1

Standard fifth wheel couplings can not be retrofitted with sensors.

Repair instructions at www.jost-world.com

Spare parts JSK 40 + 42



Item	Description	Remark	Order No.	per sensor coupling
01	Sensor locking bar kit, with magnet – Standard/Mercedes-Benz/Volvo		SKE001360600	1
02	Trailer sensor retaining plate with mounting parts	with 06	SKE003220100	1
03	3-sensor cable harness with mounted retaining plate – Standard/Mercedes-Benz*	with 04, 05, 06	SKE006140001	1
03	3-sensor cable harness with mounted retaining plate – Volvo	with 04, 05, 06	SKE006350010	1
03	2-sensor cable harness with mounted retaining plate – Standard	with 04, 05	SKE002040300	1
07	Guide plate with mounting elements	oZ	SKE006150000	1
09	Sensor display with 3 sensors – 24 V (European standard)		SKE501620200	1
09	Sensor display with 3 sensors – 12 V		SKE501620500	1
11	Connection cable, ADR quality (7-pole angular plug) – new	oZ	SKE002110300	1
11	Connection cable, ADR quality (7-pole round plug)	oZ	SKE002110200	1
12	Adapter cable (pole round plug vs pole angular plug)	oZ	SKE011300000	1
13	Single trailer plate sensor – Standard/Mercedes-Benz	with 02, 06, 08	SKE117962100	1
14	Single king pin sensor – Standard/Mercedes-Benz		SKE117947900	1
15	Single locking mechanism sensor – Standard/Mercedes-Benz		SKE117947800	1

* Applicable for JSK 42 W from serial serial number 22E403xxxx or 1xxxxxxE4 (from KW 03/2012)
Applicable for JSK 42 from serial number 22E423xxxx or 1xxxxxxE4 (from KW 23/2012) Applicable for all JSK 40 K9

Standard fifth wheel couplings can not be retrofitted with sensors.

Repair instructions at www.jost-world.com

FlashTronic

Advantages at a glance

- Sensor provides safe locking mechanism check
- Increased safety – through a flashing LED display – even in poor visibility

FlashTronic

Technical Features

- Optical locking display, directly on the fifth wheel coupling
- 3 year life span
- Simple installation and replacement of the Flashtronic, no wiring necessary
- Designed for installation on JSK 42
- Electromagnetical compatibility according to highest standards
- Also suitable for use in transport of hazardous materials (ADR)



FlashTronic Functions



Uncoupled



Coupled

- The LED light is off when the fifth wheel coupling is uncoupled.
- The FlashTronic indicates coupling lock of the fifth wheel immediately after coupling through a yellow LED light.
- The integrated LED light flashes once each second.
- After 10 minutes, the frequency of the flashing is reduced and the LED flashes only once every 5 seconds.

FlashTronic Components



Sensor



Magnet

- Sensor element in the handle area of the fifth wheel coupling
- Special handle with the actuating magnet for the sensor

Spare parts

Order No.	Description
SKE004350000	Spare part kit battery and LED
SKE001360600	FlashTronic handle
SKE004410000	Spare part kit mounting

Also available for additional models in the **JSK 42** series

Repair instructions at www.jost-world.com

Retrofit kit

Order No.	Description
SKE004350100	Retrofit kit

Technical Specification

FlashTronic in accordance with the ECE R55-01, TÜ.EGG.124-07, DIN 74081, ISO 3842, ECE R10 directives/standards. Suited for picking up 2" king pins (class G50) in accordance with ECE R55-01, DIN 74080, ISO 337 and steering wedges in accordance with ECE R55-01, DIN 74085.

LubeTronic *1Point*

Advantages at a glance

- Automatic lock jaw lubrication
- Reduced maintenance costs
- Electronic dose dispensing reduces both costs and enviromental impact
- Very light and compact



Technical Features

- Lubrication system for low-maintenance fifth wheel couplings installed below the coupling for automatic lock jaw lubrication
- The special coating on the lock jaw makes the surface extremely durable. This allows the lock jaw to be operated with a minimal amount of lubricant.
- Outstanding lubrication qualities thanks to novel lubricant from high-performance grease and continuous lubrication
- Electronic fill level control with an LED display
- 3 year life span
- Easy mounting and replacement without extras effort for wiring
- Can be used to upgrade all low-maintenance couplings
- Also suitable for use in transport of hazardous materials (ADR)
- Completely sealed and immersion tested (IP 68)
- Temperature range: –20° C to +70° C
- Anti-vibration mounting

LubeTronic *1P*

Repair and retrofit kits



Order No.	Description	Remark
SKE004070100	Repair kit, compl.	with cartridge

Also available for additional models in the **JSK 37 • JSK 42** series

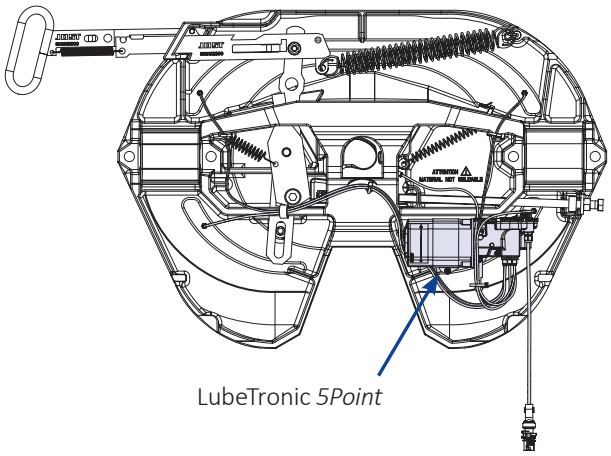
Note
Can be retrofitted for all low-maintenance fifth wheel couplings

Repair instructions at www.jost-world.com

LubeTronic 5Point

Advantages at a glance

- Reduction of operational costs
- Less environmental impact



LubeTronic *5Point*

Technical Features

- Fifth wheel coupling with central lubrication system
- The constantly emitted grease provides reliable lubrication for the fifth wheel coupling plate and the lock jaw.
- Filled with JOST high-performance grease
- Electronic fill level control with an LED display
- Sufficient lubricant for about 1 year
- Lubricant dispensing intervals can be set for long distance transport and site traffic.
- Refillable using lubricating nipples

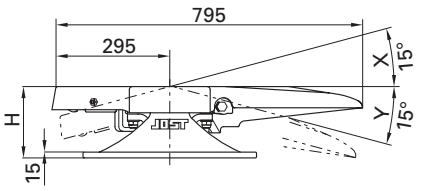
Only JOST lubricant refill is to be used to ensure safe operation in all operating conditions!
The guarantee excludes the use of other types of grease!

LubeTronic *5P*

Selection table / Versions available

JSK 37

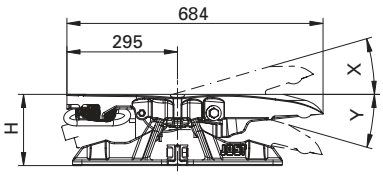
Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Customer hole pattern	Approval (ECE)	ZL	Version
JSK 37 C0 20 U3 AA	150	152	20	150.4	DIN	E1 55R-01 0116	J	Standard
JSK 37 C0 38 U3 AA	185	152	20	155.6	DIN	E1 55R-01 0116	J	Standard
JSK 37 C0 70 U3 AA	250	152	20	170.8	DIN	E1 55R-01 0116	J	Standard
JSK 37 C0 20 DO CL	150	152	20	150.0	DIN	E1 55R-01 0116	K	MAN
JSK 37 C0 38 DO CL	185	152	20	155.0	DIN	E1 55R-01 0116	K	MAN
JSK 37 C0 70 DO CL	250	152	20	170.0	DIN	E1 55R-01 0116	K	MAN
JSK 37 C0 20 BG EE	150	152	20	150.0	DIN	E1 55R-01 0116	J	Mercedes-Benz
JSK 37 C0 38 BG EE	185	152	20	155.0	DIN	E1 55R-01 0116	J	Mercedes-Benz
JSK 37 C0 20 T9 AI	150	152	20	150.0	DIN	E1 55R-01 0116	K	Volvo/Renault
JSK 37 C0 38 T9 AI	185	152	20	155.0	DIN	E1 55R-01 0116	K	Volvo/Renault



Selection table / Versions available

JSK 42 – DIN

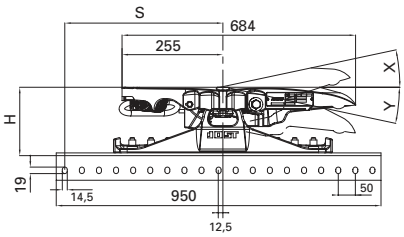
Order No.	H (mm)	X	Y	D value (kN)	Imposed load U (t)	Weight (kg)	Customer hole pattern	Approval (ECE)	ZL	Version
JSK 42 K0 20 U3 AA	150	12°	12°	152	20	131	DIN	E1 55R-01 1245	J	Standard
JSK 42 K0 38 U3 AA	185	15°	15°	152	20	129	DIN	E1 55R-01 1245	J	Standard
JSK 42 K0 57 U3 AA	225	15°	15°	152	20	133	DIN	E1 55R-01 1245	J	Standard
JSK 42 K0 20 DO CL	150	12°	12°	152	20	131	DIN	E1 55R-01 1245	K	MAN
JSK 42 K0 38 DO CL	185	15°	15°	152	20	129	DIN	E1 55R-01 1245	K	MAN
JSK 42 K0 70 DO CL	250	15°	15°	152	20	138	DIN	E1 55R-01 1245	K	MAN
JSK 42 K0 20 BS BB	150	12°	12°	152	20	131	DIN	E1 55R-01 1245	J	Mercedes-Benz
JSK 42 K0 38 BS BB	185	15°	15°	152	20	129	DIN	E1 55R-01 1245	J	Mercedes-Benz
JSK 42 K0 20 G1 AI	150	12°	12°	152	20	131	DIN	E1 55R-01 1245	K	Volvo/Renault
JSK 42 K0 38 G1 AI	185	15°	15°	152	20	129	DIN	E1 55R-01 1245	K	Volvo/Renault



Selection table / Versions available

JSK 42 K8 (Volvo)

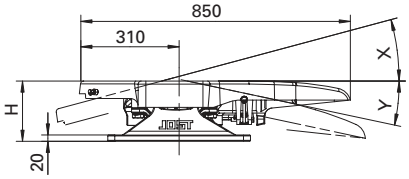
Order No.	H (mm)	X	Y	Fifth wheel position S	D value (kN)	Imposed load U (t)	Weight (kg)	Customer hole pattern	Approval (ECE)	ZL	Version
JSK 42 K8 21 F8 AI	160	8°	11°	437.5	152	20	148	F	E1 55R-01 1245	K	Volvo
JSK 42 K8 21 F7 AI	160	8°	11°	462.5	152	20	148	E	E1 55R-01 1245	K	Volvo
JSK 42 K8 44 F8 AI	200	17°	16°	437.5	152	20	155	F	E1 55R-01 1245	K	Volvo
JSK 42 K8 44 F7 AI	200	17°	16°	462.5	152	20	155	E	E1 55R-01 1245	K	Volvo
JSK 42 K8 58 F8 AI	230	24°	23°	437.5	152	20	160	F	E1 55R-01 1245	K	Volvo
JSK 42 K8 58 F7 AI	230	24°	23°	462.5	152	20	160	E	E1 55R-01 1245	K	Volvo



Selection table / Versions available

JSK 38

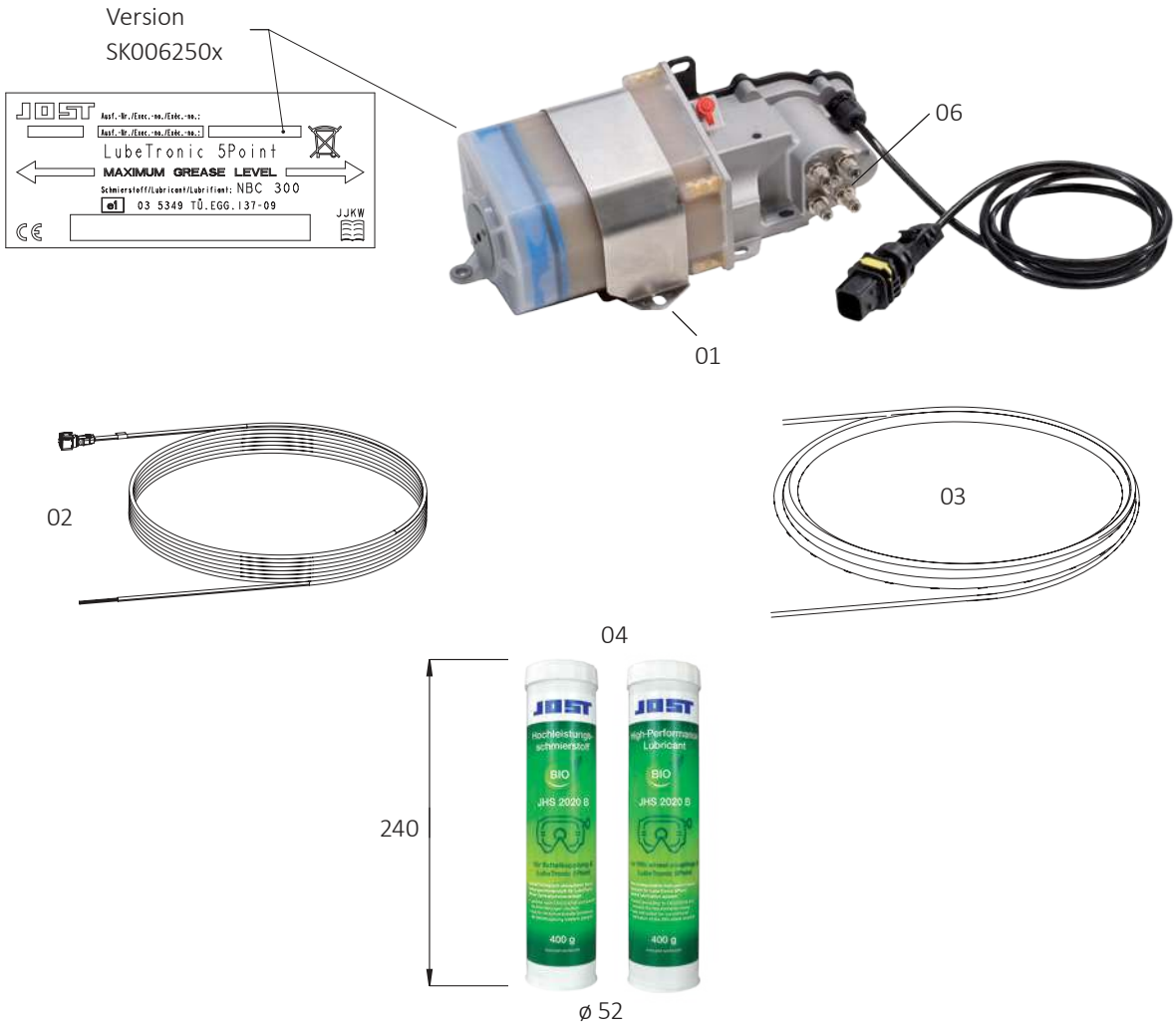
Order No.	H (mm)	X	Y	D value (kN)	Lock	Imposed load U (t)	Weight (kg)	Approval (ECE)	ZL	Version
JSK 38 C0 40 T8 AA	190	15°	12°	170	2"	28	202.5	E1 55R-01 0472	K	Standard
JSK 38 C0 40 T7 AA	190	15°	12°	260	3½"	36	202.0	E1 55R-01 0471	K	Standard
JSK 38 C0 40 DO CL	190	15°	12°	170	2"	28	202.5	E1 55R-01 0472	K	MAN
JSK 38 C0 40 DP CL	190	15°	12°	260	3½"	36	202.0	E1 55R-01 0471	K	MAN
JSK 38 CO 70 Q8 AA	250	15°	12°	260	3½"	36	202.0	E1 55R-01 0471	K	MAN
JSK 38 C0 40 BW BB	190	15°	12°	170	2"	28	202.5	E1 55R-01 0472	K	Mercedes-Benz
JSK 38 C0 40 BV BB	190	15°	12°	260	3½"	28	202.5	E1 55R-01 0471	K	Mercedes-Benz
JSK 38 C0 70 BW BB	250	15°	12°	170	2"	28	202.0	E1 55R-01 0472	K	Mercedes-Benz
JSK 38 C0 70 BV BB	250	15°	12°	260	3½"	28	202.0	E1 55R-01 0471	K	Mercedes-Benz



Also available for additional models in the
JSK 37 • JSK 38 • JSK 42 series

LubeTronic *5Point*

Spare parts



Item	Description	Version*	Remark	Order No.
01	LubeTronic *5Point*	SK 0xxxx00, SK 0xxxx04	MAN version, compl. with fixing kit and 03, for JSK 37 C, JSK 42	SKE010790700
	LubeTronic *5Point*	SK 0xxxx01	MAN version, compl. with fixing kit and 03, for JSK 38 C	SKE010790800
	LubeTronic *5Point*	SK 0xxxx03, SK 0xxxx05	Volvo version, compl. with fixing kit and 03, for JSK 37 C, JSK 42	SKE006250310
	LubeTronic *5Point*	SK 0xxxx15	JOST-"Standard"/Mercedes-Benz version, compl. with fixing kit and 03, for JSK 37 C, JSK 42	SKE010791500
	LubeTronic *5Point*	SK 0xxxx16	JOST-"Standard"/Mercedes-Benz version, compl. with fixing kit and 03, for JSK 38 C	SKE010791600
02	Connection cable		For LubeTronic *5Point* JOST-"Standard"	SKE005680100
03	Lubrication line 1,6 m		Fits all LT*5P*s	SKE006620200
04	JOST High Performance Lubricant		Refill set, 2 cartridges á 400 g	SKE005670000
05	JOST High Performance Lubricant		Large barrel, 25 kg barrel	SKE007090000
06	Push-in fitting		5x	NTE003030000

* When ordering, please state the design mounted on the vehicle.
You will find the design on the type plate of the lubrication pump.

** The model SK0040800 has been replaced. Please order SK 006250200 and connection cable SKE005680100.

Attention:
The retrofitting of standard fifth wheel couplings with LubeTronic *5Point* ist not possible.

Technical Specification

Sensor coupling system in accordance with the ECE R55-01, TÜ.EGG.095-05, DIN 74081, ISO 3842, ECE R10 directives/ standards. Suited for picking up 2" king pins (class G50) in accordance with ECE R55-01, DIN 74080, ISO 337 and steering wedges in accordance with ECE R55-01, DIN 74085.

Instructions for repair and refilling see www.jost-world.com

Did you know ...

... that the **LubeTronic *5Point*** relubrication system may only be operated with the biodegradable JOST high-performance lubricant (available in 2 x 400 g cartridges (JOST Order no.: SKE013440000) or in the 25 kg barrel (JOST item no.: SKE013430000)? The fully-synthetic lubricant is particularly temperature-resistant (between –20°C and +80°C) and adheres particularly well to metal surfaces, thus guaranteeing that LubeTronic *5Point* functions correctly. The guarantee excludes the use of other types of grease!

Fifth wheel couplings and mounting plates

JOST submitted the patent application for the first cast steel fifth wheel coupling almost 60 years ago. Since then, JOST's fifth wheel couplings have been a success story around the world. All renowned vehicle manufacturers put their trust in JOST's expertise and performance.

The extensive product range and high quality are just as crucial for the customer's trust as the company's innovative skill and reliable global supply of finished and spare parts.

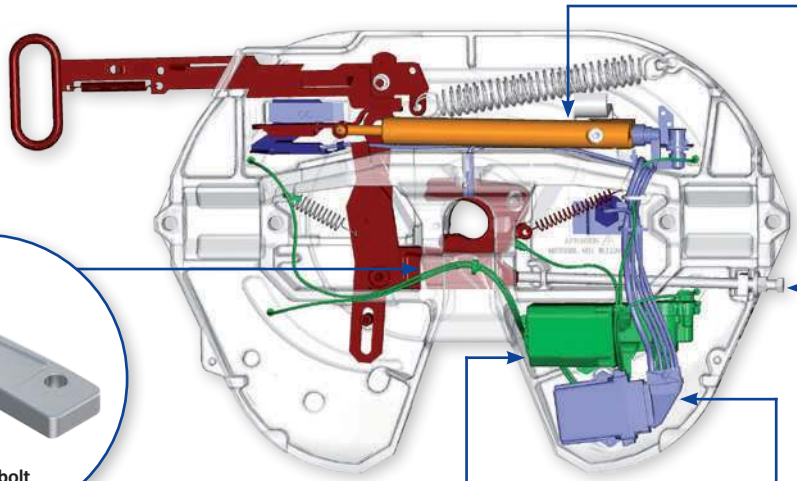
JOST provides fifth wheel couplings for any application. This includes weight-optimised pressed metal and robust cast steel couplings for imposed loads between 6 and 74 tonnes.

Almost all variants are available with a large selection of pedestals in all common heights and with all common hole patterns for plate and frame assembly. Depending on the model and height, it is possible to reduce the weight by up to 100 kg. Different sensory variants that build on one another guarantee secure operation under all conditions, while the automatic lubrication solutions brought together in the LubeTronic product family save time and money.











SKS
Pneumatic cylinder



Locking bolt



Adjusting screw



LubeTronic
5Point



ECU
SKS

Why choose JOST fifth wheel couplings?

Excellent quality

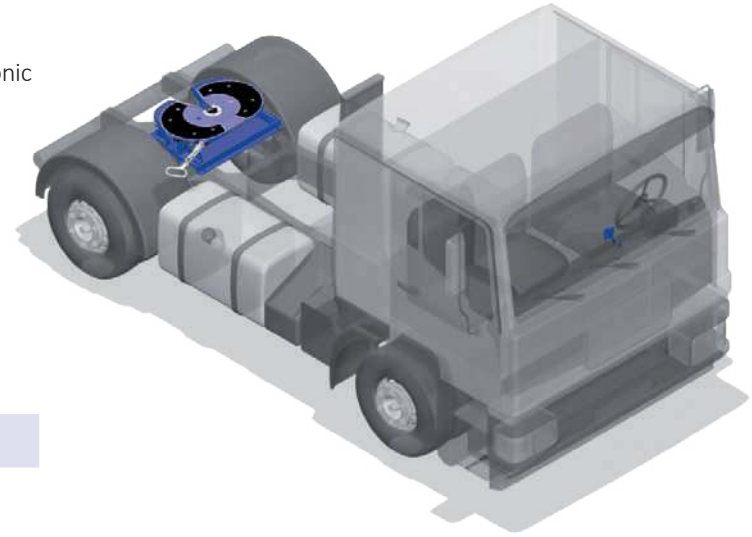
- Patented and reliable design
- High-quality casting
- Certification in accordance with ISO/TS 16949
- Excellent corrosion protection

Customer-oriented service

- Global site and dealer network
- Expert individual support by sales and customer services
- Customer support during the planning phase based on CAD data
- Extensive distribution and global supply of spare parts

Wide range of products

- Couplings for imposed loads of 6–74 tonnes
- Pressed metal or cast couplings
- Various bearings and mounting heights
- Weight-optimised frame assembly possible
- Low-maintenance variants
- System solutions such as Sensoric and LubeTronic available for all common fifth wheel couplings



Verified safety

- High level of operating reliability
- Regular inspections during series production in accordance with ECE R55
- Can be used in complicated loading conditions
- Automatic latch arrangement
- Only a visual inspection is required to ensure proper engagement
- Protection against unauthorised opening is possible using a padlock
- Various sensory solutions available

Very easy maintenance

- Stageless adjustment of the locking mechanism, resulting in lower wear
- Easily replaceable top plate liners
- LubeTronic solutions available for easier lubrication
- All wearing parts available in practical spare parts kits

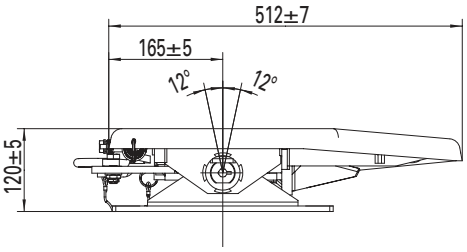
High operating comfort

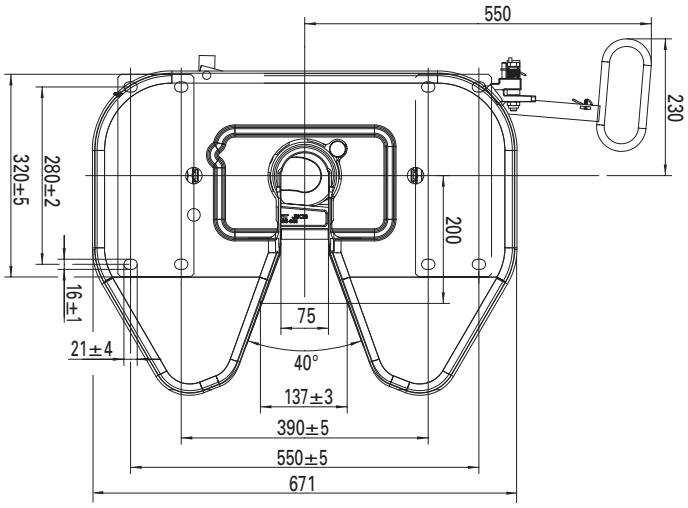
- Long, easy-reach handle
- The operator does not get dirty
- The latch is released using a cable
- Optional: One-handed operation with or without latch

Fifth wheel couplings · JSK 26 D

Advantages at a glance

- Compact 2" fifth wheel coupling for distribution traffic
- Robust pressed steel design
- Approved for forced steering semi-trailers





Selection table / Versions available

Order No.	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)
JSK 26 D0 10 00 AA	50*	6	45	E1 55R-01 1800

* D value 40.0 kN when steering wedges are used

Explanatory notes for the selection tables please refer to page 15.

Technical Specification

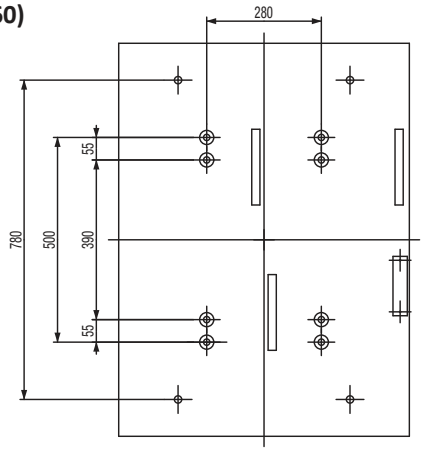
Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085. Overall weight of transportation unit max. 12 t.

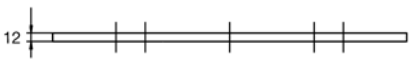
Mounting plate for JSK 26

Order No.	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	Frame hole pattern
MPL01010165AA	152	20	62	E1 55R-01 0367	without

Note: Mounting plate can also be attached to the vehicle rotated by 90°. Please enquire.

MPL01010165AA
(12/710/960)

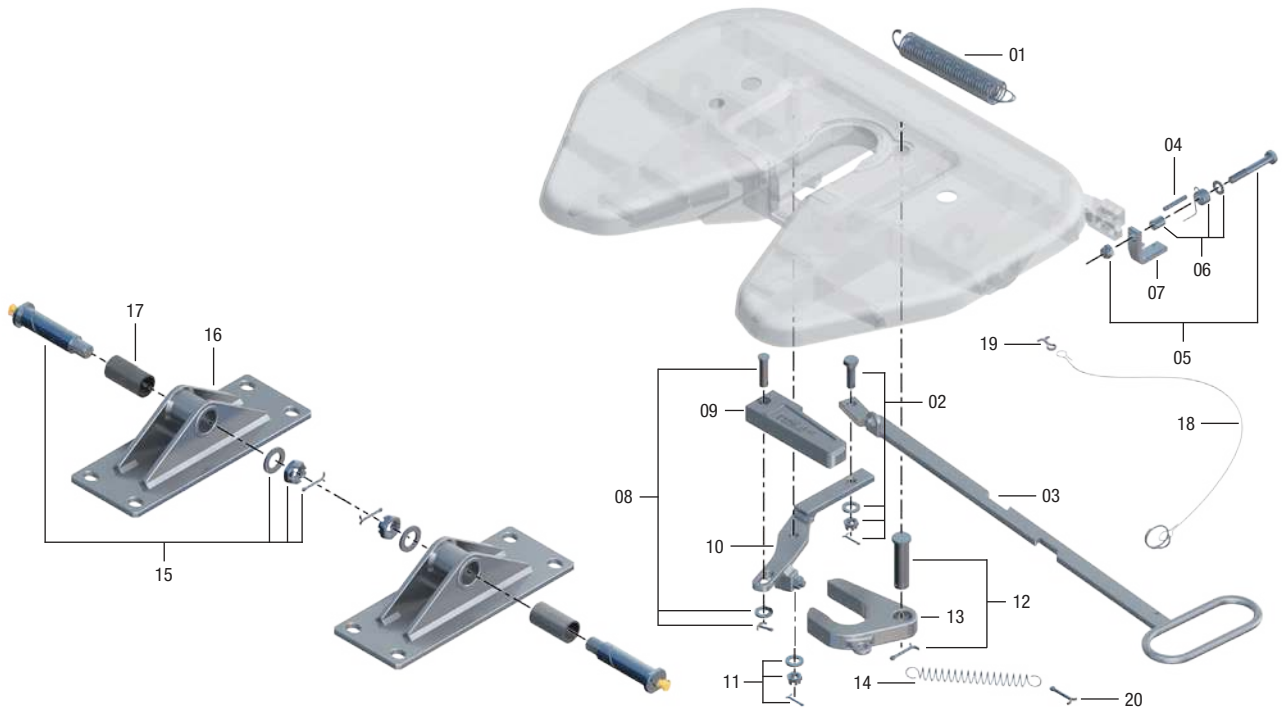




Mounting instructions at www.jost-world.com

JSK 26 D

Spare parts



Item	Description	Remark	Order No.	per JSK
01	Double tension spring		SK 3105-152	1
02	Hexagon bolt	compl.	SK 2621-54	1
03	Handle		SKE004790000	1
04	Spring hook		NTE000000400	1
05	Hexagon bolt		SK 3521-03	1
06	Spring noose		SK 2921-30	1
07	Latch	compl.	SK 3121-52	1
08	Bar bolt	compl.	SK 2621-53	1
09	Locking bolt		SK 2605-61	1
10	Lever	compl.	SK 2605-59	1

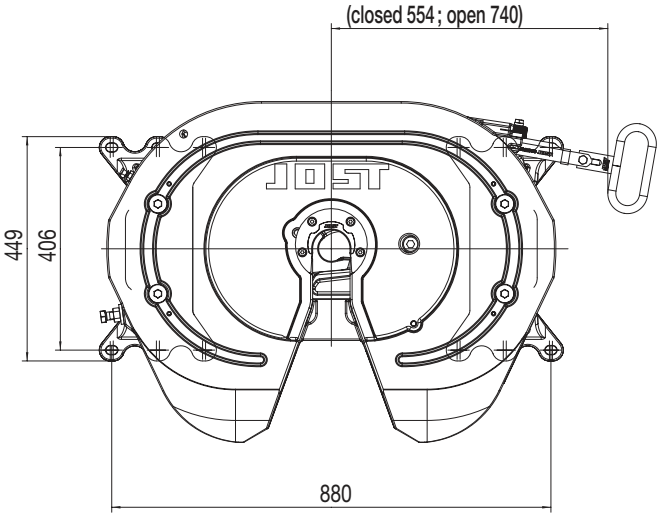
Item	Description	Remark	Order No.	per JSK
11	Castle nut	compl.	SK 2621-56	1
12	Bolt	compl.	SK 2621-51	1
13	Lock jaw		SK 2605-60	1
14	Tension spring		SK 847	1
15	Spring bolt	compl.	SK 2621-02	2
16	Pedestal BH 120		SKE005500000	2
17	Bush		SK 2604-04	2
18	Latch cord	compl. with 19	SK 3521-02	1
19	Split pin		SKE035210600	1
20	Split pin		NTE000001600	1

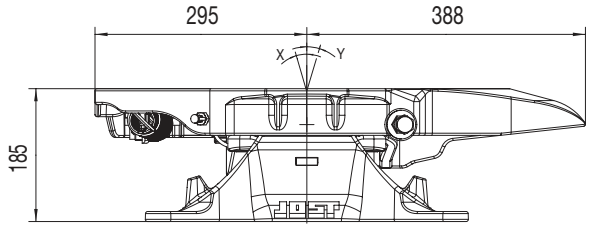
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 34 Plate mounting

Advantages at a glance

- Lightweight 2" cast fifth wheel coupling
- Especially suitable for long distance transport, tank or silo trailers
- New hybrid bearing for increased comfort
- **Single handed operation with latch security system**





Selection table / Versions available

Order No.	H (mm)	X	Y	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL	Sensoric
JSK 34 H0 20 35 AA	150	12°	12°	120	16	114	E1 55R-01 2482	Z	J	ST*
JSK 34 H0 20 39 AA	150	12°	12°	120	16	114	E1 55R-01 2482	W	J	ST*
JSK 34 H0 20 87 AA	150	12°	12°	120	16	114	E1 55R-01 2482	W+LT*1P*	J	ST*
JSK 34 H0 20 U3 AA	150	12°	12°	120	16	122	E1 55R-01 2482	LT*5P* ST	J	ST*
JSK 34 H0 20 CY AA	150	12°	12°	120	16	118	E1 55R-01 2482	LT*5P* ST	J	ST*
JSK 34 H0 20 DA AA	150	12°	12°	120	16	118	E1 55R-01 2482	LT*5P* ST	J	ST*
JSK 34 H0 38 46 AA	185	15°	15°	120	16	120	E1 55R-01 2482	Z	J	ST*
JSK 34 H0 38 C6 AA	185	15°	15°	120	16	120	E1 55R-01 2482	Z	J	ST*
JSK 34 H0 38 35 AA	185	15°	15°	120	16	117	E1 55R-01 2482	Z	J	ST*
JSK 34 H0 38 39 AA	185	15°	15°	120	16	117	E1 55R-01 2482	W	J	ST*
JSK 34 H0 38 87 AA	185	15°	15°	120	16	117	E1 55R-01 2482	W+LT*1P*	J	ST*
JSK 34 H0 38 U3 AA	185	15°	15°	120	16	126	E1 55R-01 2482	LT*5P* ST	J	ST*

Explanatory notes for the selection tables please refer to page 15.

Technical Specification

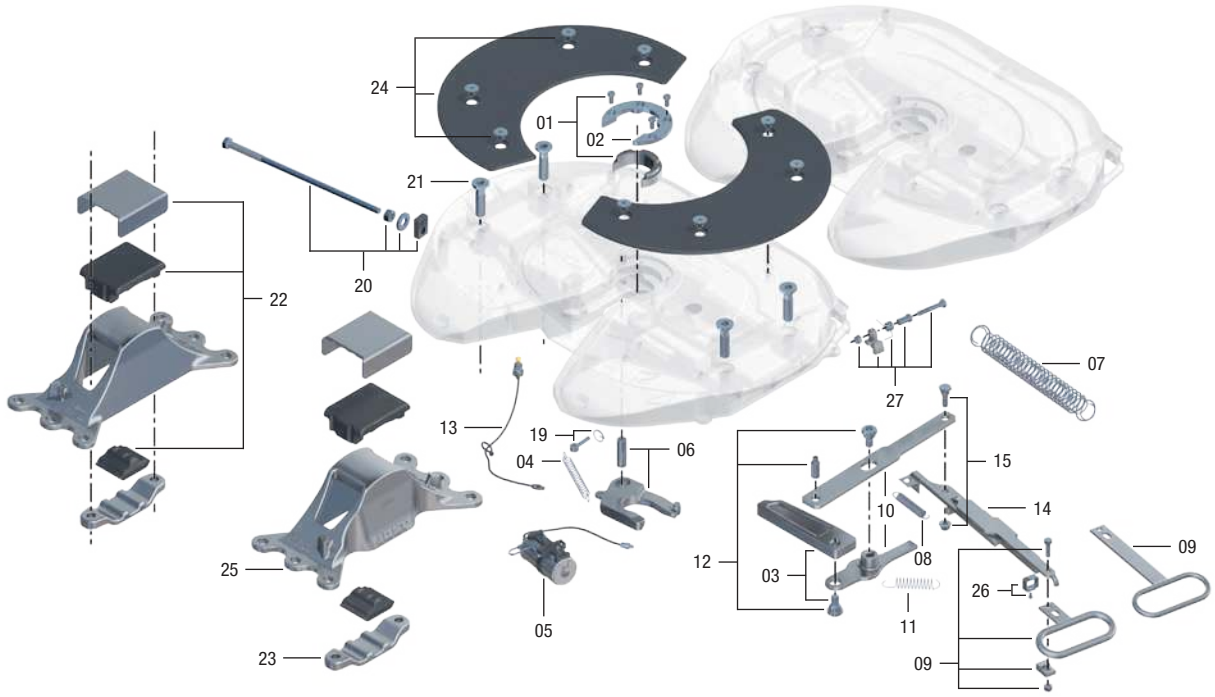
Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

* Sensor couplings in the version ST (Standard) are complete sets, they are delivered incl. remote display (SKE501620200) and cable set (SKE002110300).

Mounting instructions at www.jost-world.com

Fifth wheel couplings · JSK 34 Plate mounting

Spare parts

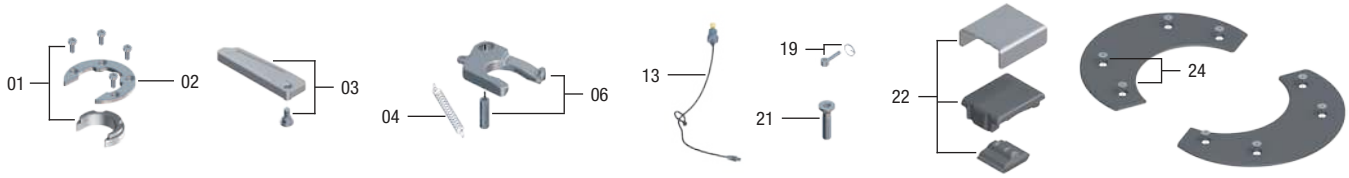


Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolts		SKE009590120	1
04	Tension spring		SK 847	1
05	LubeTronic 1Point, kit	with 04, 06 + 19	SKE004070100	1
06	Lock jaw	with 04 + 13	SK 3221-52Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE009770000	1
09	Short handle	L = 150 mm	SKE009200120	1
09	Long handle	L = 310 mm	SKE009200220	1
10	Lever kit	with 11, 12 + 15	SKE001174544	1
11	Lever spring		SKE001009800	1
12	Lever bolts		SKE001750020	1

Item	Description	Remark	Order No.	per JSK
13	Lubrication line	with cable tie	SK 3108-02	1
14	Lever	compl. with 08, 15, 26 + 27	SKE001174545	1
15	Lever bolt		SKE001650020	1
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740720	1
21	Bridge bolt	compl.	SKE001011400	4
22	Bearing wedges	with 21	SKE001174547	2
23	Bridge	with 21	SKE010300020	2
24	Plastic top plate liner with screws (8x)		SKE011080020	1
25	Pedestal BH 150 (ISO)	with 21	SKE011090020	2
25	Pedestal BH 185 (ISO)	with 21	SKE011100020	2
26	Bracket with screws	with 21	SKE009450020	1
27	Latch	compl.	SKE011310020	1

For spare parts for LubeTronic 5Point please refer to chapter LubeTronic 5Point.

Repair and retrofit kits



Item	Description	Order No.
01, 02, 03, 04, 06, 13, 19	Repair kit for lock compl.	SKE117966300
21, 22	Repair kit for bearing	SKE117966400

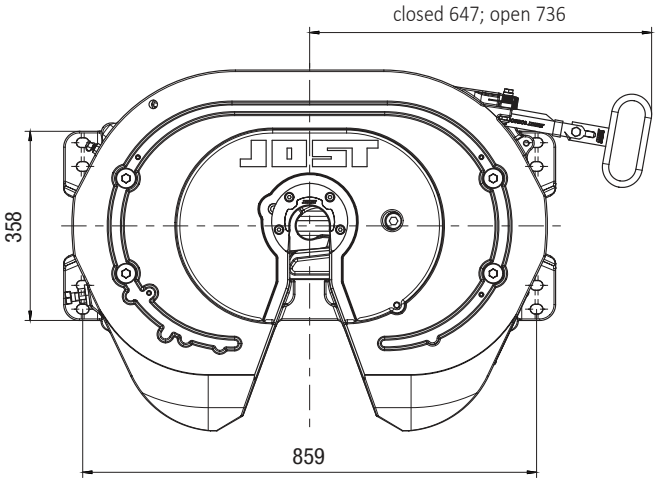
Item	Description	Order No.
24	Repair kit for plastic top plate liner with screws	SKE011080020

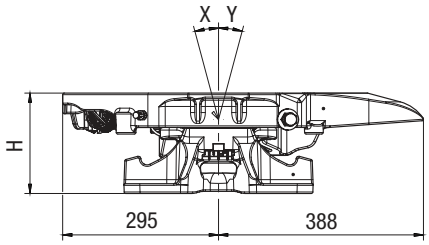
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 34 H6 (IVECO) Frame mounting

Advantages at a glance

- Lightweight 2" cast fifth wheel coupling
- **Especially suitable for long distance transport, tank or silo trailers**
- Weight-optimised version for fitting to the frame or subframe of the IVECO tractor without a mounting plate
- New hybrid bearing for increased comfort
- **Single handed operation with latch security system**





Selection table / Versions available

Order No.	H (mm)	X	Y	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL	Sensoric
JSK 34 H6 40 35 AA	190	15°	15°	120	16	124	E1 55R-01 2482	Z	J	ST*
JSK 34 H6 40 39 AA	190	15°	15°	120	16	124	E1 55R-01 2482	W	J	ST*
JSK 34 H6 40 87 AA	190	15°	15°	120	16	124	E1 55R-01 2482	W+LT*1P*	J	ST*
JSK 34 H6 40 BS AA	190	15°	15°	120	16	130	E1 55R-01 2482	LT*5P* ST	J	ST*
JSK 34 H6 40 46 AA	190	15°	15°	120	16	130	E1 55R-01 2482	Z	J	ST*
JSK 34 H6 40 BC AA	190	15°	15°	120	16	126	E1 55R-01 2482	W+LT*1P*	J	ST*
JSK 34 H6 40 CY AA	190	15°	15°	120	16	133	E1 55R-01 2482	LT*5P* ST	J	ST*
JSK 34 H6 57 35 AA	225	15°	15°	120	16	127	E1 55R-01 2482	Z	J	ST*
JSK 34 H6 57 39 AA	225	15°	15°	120	16	127	E1 55R-01 2482	W	J	ST*
JSK 34 H6 57 87 AA	225	15°	15°	120	16	127	E1 55R-01 2482	W+LT*1P*	J	ST*
JSK 34 H6 57 BS AA	225	15°	15°	120	16	132	E1 55R-01 2482	LT*5P* ST	J	ST*
JSK 34 H6 57 46 AA	225	15°	15°	120	16	134	E1 55R-01 2482	Z	J	ST*
JSK 34 H6 57 CY AA	225	15°	15°	120	16	136	E1 55R-01 2482	LT*5P* ST	J	ST*

Explanatory notes for the selection tables please refer to page 15.

Technical Specification

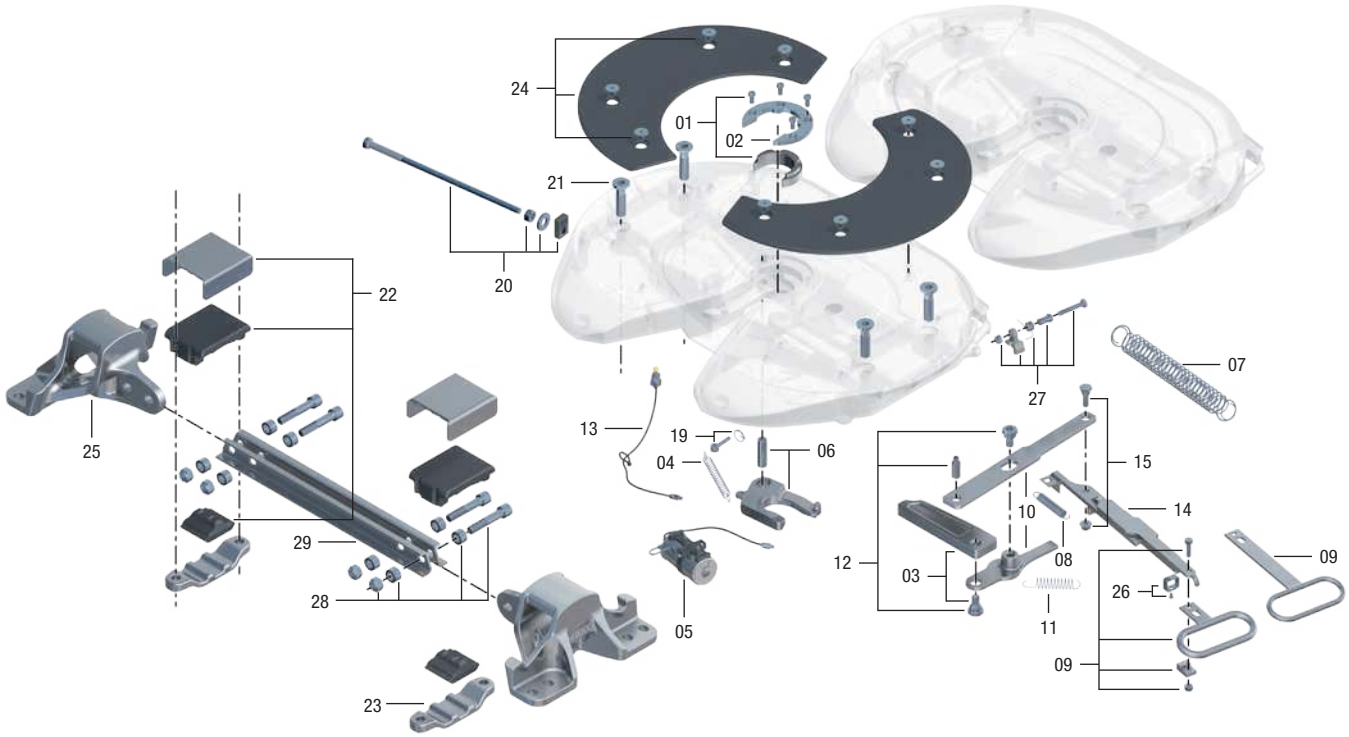
Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

* Sensor couplings in the version ST (Standard) are complete sets, they are delivered incl. remote display (SKE501620200) and cable set (SKE002110300).

Mounting instructions at www.jost-world.com

JSK 34 H6 (IVECO) Frame mounting

Spare parts

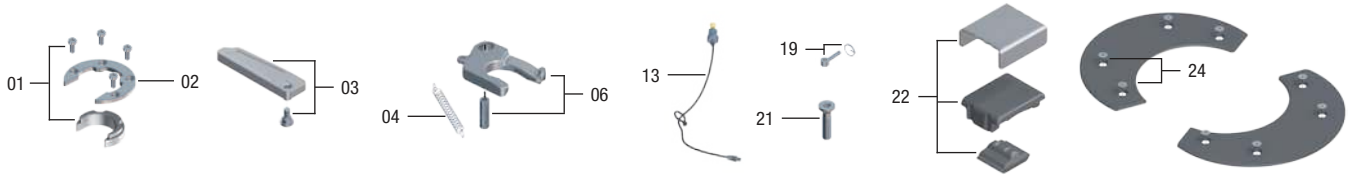


Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolts		SKE009590120	1
04	Tension spring		SK 847	1
05	LubeTronic 1Point, kit	with 04, 06 + 19	SKE004070100	1
06	Lock jaw	with 04 + 13	SK 3221-52Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE009770000	1
09	Short handle	L = 150 mm	SKE009200120	1
09	Long handle	L = 310 mm	SKE009200220	1
10	Lever kit	with 11, 12 + 15	SKE001174544	1
11	Lever spring		SKE001009800	1
12	Lever bolts		SKE001750020	1
13	Lubrication line	with cable tie	SK 3108-02	1

Item	Description	Remark	Order No.	per JSK
14	Lever	compl. with 08, 15, 26 + 27	SKE001174545	1
15	Lever bolt		SKE001650020	1
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740720	1
21	Bridge bolt	compl.	SKE001011400	4
22	Bearing wedges	with 21	SKE001174547	2
23	Bridge	with 21	SKE010300020	2
24	Plastic top plate liner with screws (8x)		SKE011080020	1
25	Pedestals BH 190 (H6)	with 21, 28 + 29	SKE011040320	1
25	Pedestals BH 225 (H6)	with 21, 28 + 29	SKE011560320	1
26	Bracket with screws	with 21	SKE009450020	1
27	Latch	compl.	SKE011310020	1
28	Set of traverse screws		on request	1
29	Traverse pedestal (H6)	with 28	SKE011320020	1

For spare parts for LubeTronic 5Point please refer to chapter LubeTronic 5Point.

Repair and retrofit kits



Item	Description	Order No.
01, 02, 03, 04, 06, 13, 19	Repair kit for lock compl.	SKE117966300
21, 22	Repair kit for bearing	SKE117966400

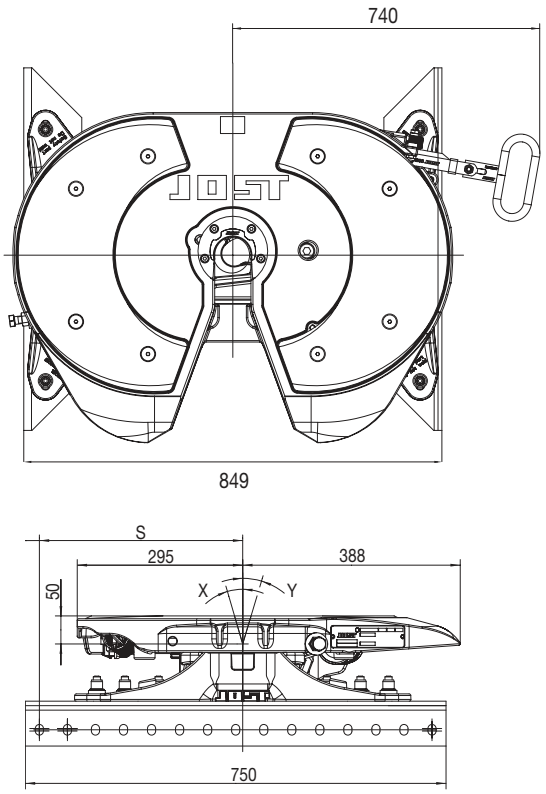
Item	Description	Order No.
24	Repair kit for plastic top plate liner with screws	SKE011080020

Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 34 H8 (Volvo) Frame mounting

Advantages at a glance

- Super lightweight 2" cast steel couplings
- **Especially suitable for long distance transport, tank or silo trailers**
- Weight-optimised version for fitting to the frame or subframe of the Volvo tractor without a mounting plate
- Single handed operation with latch security system
- New hybrid bearing for increased comfort
- Low-maintenance version with plastic top plate liner and LubeTronic *1Point* for automatic lubrication of lock jaw



Selection table / Versions available

Order No.	H (mm)	S (mm)	X	Y	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	Hole pattern versions*	ZL	Sensoric
JSK 34 H8 21 F3 AA	160	362,5	12°	12°	120	16	130	E1 55R-01 2482	W+LT*1P*	G	K	ST*
JSK 34 H8 21 F4 AA	160	337,5	12°	12°	120	16	130	E1 55R-01 2482	W+LT*1P*	H	K	ST*
JSK 34 H8 21 88 AA	160	362,5	12°	12°	120	16	130	E1 55R-01 2482	Z	G	K	ST*
JSK 34 H8 21 89 AA	160	337,5	12°	12°	120	16	130	E1 55R-01 2482	Z	H	K	ST*
JSK 34 H8 21 F7 AI	160	362,5	12°	12°	120	16	130	E1 55R-01 2482	LT*5P*	G	K	ST*
JSK 34 H8 21 F8 AI	160	337,5	12°	12°	120	16	130	E1 55R-01 2482	LT*5P*	H	K	ST*
JSK 34 H8 21 PO AI	160	362,5	12°	12°	120	16	135	E1 55R-01 2482	W+LT*1P*	G	K	ST*
JSK 34 H8 21 P9 AI	160	337,5	12°	12°	120	16	135	E1 55R-01 2482	W+LT*1P*	H	K	ST*
JSK 34 H8 44 F3 AA	200	362,5	17°	17°	120	16	135	E1 55R-01 2482	W+LT*1P*	G	K	ST*
JSK 34 H8 44 F4 AA	200	337,5	17°	17°	120	16	135	E1 55R-01 2482	W+LT*1P*	H	K	ST*
JSK 34 H8 44 88 AA	200	362,5	17°	17°	120	16	135	E1 55R-01 2482	Z	G	K	ST*
JSK 34 H8 44 89 AA	200	337,5	17°	17°	120	16	135	E1 55R-01 2482	Z	H	K	ST*
JSK 34 H8 44 F7 AI	200	362,5	17°	17°	120	16	135	E1 55R-01 2482	LT*5P*	G	K	ST*
JSK 34 H8 44 F8 AI	200	337,5	17°	17°	120	16	135	E1 55R-01 2482	LT*5P*	H	K	ST*
JSK 34 H8 44 PO AI	200	362,5	17°	17°	120	16	139	E1 55R-01 2482	W+LT*1P*	G	K	ST*
JSK 34 H8 44 P9 AI	200	337,5	17°	17°	120	16	139	E1 55R-01 2482	W+LT*1P*	H	K	ST*

[1] The G series can be converted to the H series (and vice versa) by switching the right and left pedestals to the opposite side. This causes the fifth wheel coupling to be displaced by 25 mm in relation to the attachment hole pattern of the tractor.

Explanatory notes for the selection tables please refer to page 15.

Technical Specification

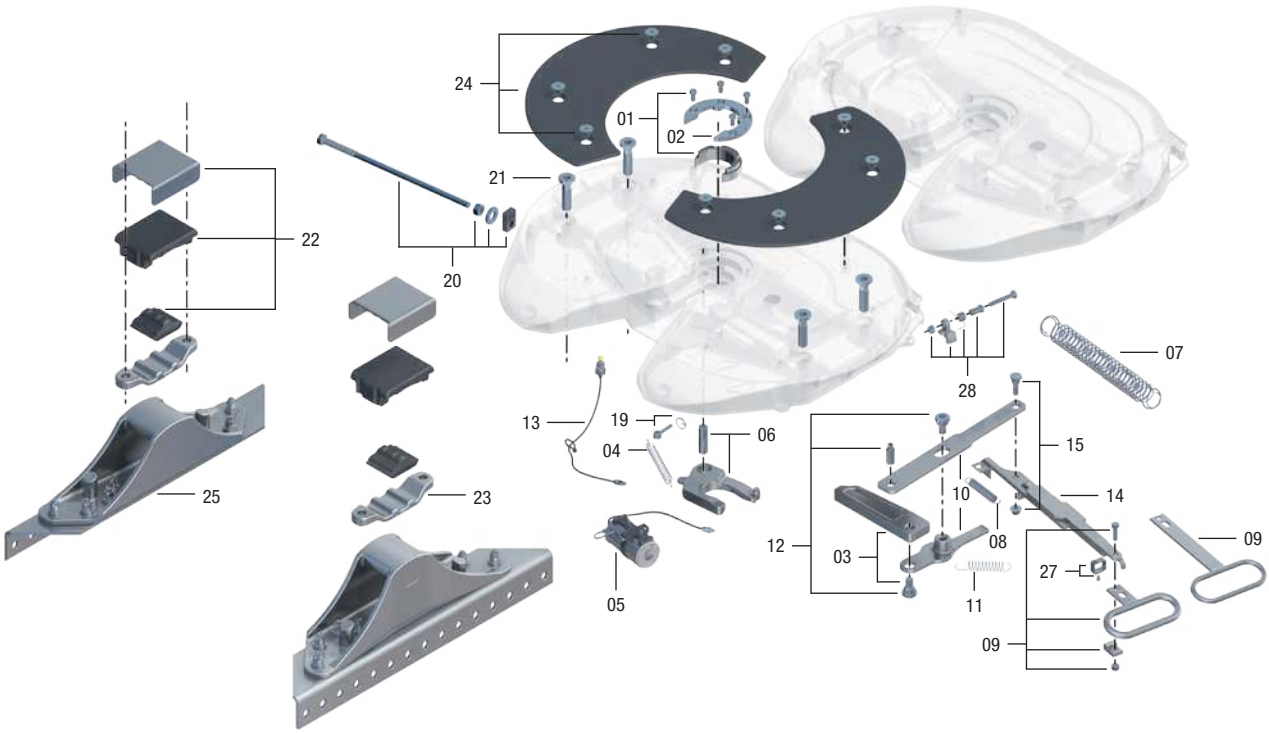
Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

* Sensor couplings in the version ST (Standard) are complete sets, they are delivered incl. remote display (SKE501620200) and cable set (SKE002110300).

Mounting instructions at www.jost-world.com

JSK 34 H8 (Volvo) Frame mounting

Spare parts



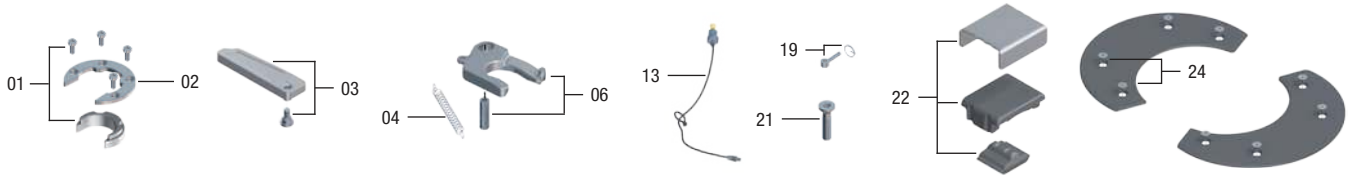
Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolts		SKE009590120	1
04	Tension spring		SK 847	1
05	LubeTronic *1Point,* kit	with 04, 06 + 19	SKE004070100	1
06	Lock jaw	with 04 + 13	SK 3221-52Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE009770000	1
09	Short handle	L = 150 mm	SKE009200120	1
09	Long handle	L = 310 mm	SKE009200220	1
10	Lever kit	with 11, 12 + 15	SKE001174544	1
11	Lever spring		SKE001009800	1
12	Lever bolts		SKE001750020	1
13	Lubrication line	with cable tie	SK 3108-02	1

Item	Description	Remark	Order No.	per JSK
14	Lever	compl. with 08, 15, 27 + 28	SKE001174545	1
15	Lever bolt		SKE001650020	1
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740720	1
21	Bridge bolt		SKE001011400	4
22	Bearing wedges	with 21	SKE001174547	2
23	Bridge	with 21	SKE010300020	2
24	Plastic top plate liner with screws (8x)		SKE011080020	1
25	Pedestals BH 160 (H8)*	with 21	SKE001174560	1
25	Pedestals BH 200 (H8)*	with 21	SKE001174561	1
27	Bracket with screws	with 21	SKE009450020	1
28	Latch	compl.	SKE011310020	1

* consists of a right and left pedestal and four bridge bolt

For spare parts for LubeTronic 5Point please refer to chapter LubeTronic 5Point.

Repair and retrofit kits



Item	Description	Order No.
01, 02, 03, 04, 06, 13, 19	Repair kit for lock compl.	SKE117966300
21, 22	Repair kit for bearing	SKE117966400

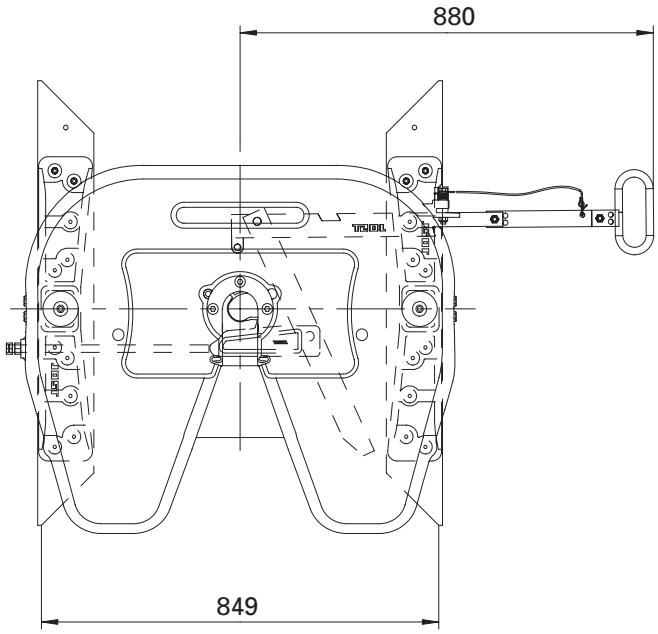
Item	Description	Order No.
24	Repair kit for plastic top plate liner with screws	SKE011080020

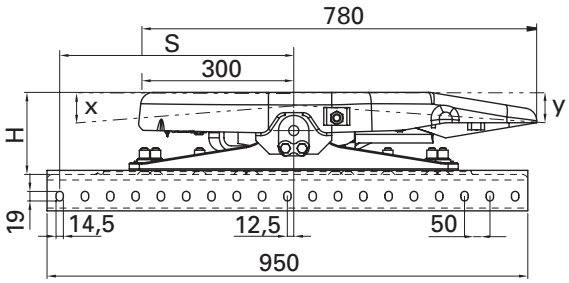
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 36 DA (Volvo) Frame mounting

Advantages at a glance

- 2" fifth wheel coupling weight-optimised in pressed steel design
- Weight-optimised version for fitting to the frame or subframe of the Volvo tractor **without a mounting plate**
- Tappets for correct positioning of king pin during hitching
- Available with Fleetmaster Handle





Selection table / Versions available

Order No.	H (mm)	S (mm)	X	Y	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	ZL	Hole pattern versions*
JSK 36 DA 21 00 AW	160	462,5	15°	12°	135	18	147	E1 55R-01 0301	J	E
JSK 36 DA 21 00 AY	160	437,5	15°	12°	135	18	147	E1 55R-01 0301	J	F
JSK 36 DA 44 00 AW	200	462,5	15°	12°	135	18	152	E1 55R-01 0301	J	E
JSK 36 DA 44 00 AY	200	437,5	15°	12°	135	18	152	E1 55R-01 0301	J	F
JSK 36 DA 58 00 AW	230	462,5	15°	15°	135	18	158	E1 55R-01 0301	J	E
JSK 36 DA 58 00 AY	230	437,5	15°	15°	135	18	158	E1 55R-01 0301	J	F

* see pedestal versions/hole pattern versions

Explanatory notes for the selection tables please refer to page 15.

Fleetmaster Handle

Order No.	Description	Weight (kg)
SKE070616416	compl.	2,00

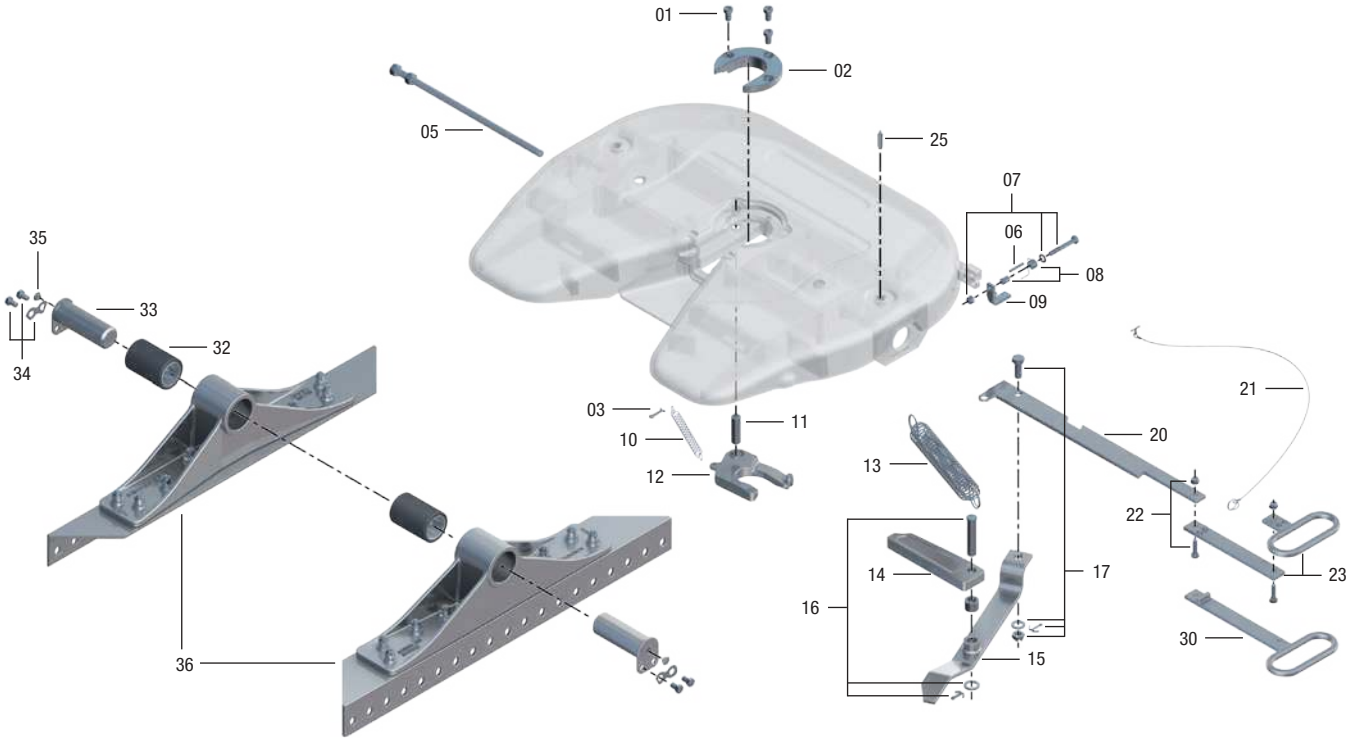
Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Mounting instructions at www.jost-world.com

JSK 36 DA (Volvo) Frame mounting

Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt		SK 2121-07	3
02	Wearing ring		SK 2105-19	1
03	Splint		SK 1974	1
05	Adjusting screw		SK 2905-51	1
06	Clamping pin		NTE000000400	1
07	Hexagon bolt	compl.	SK 3521-03	1
08	Spring noose	compl.	SK 2921-30	1
09	Latch	compl.	SK 3121-52	1
10	Tension spring		SK 847	1
11	Bolt		SK 2106-67	1
12	Lock jaw		SK 1489 Z	1
13	Double tension spring		SK 3105-20	1
14	Locking bolt		SK 2905-06	1
15	Lever		SK 2107-25	1
16	Bar bolt	compl.	SK 2921-02	1
17	Hexagon bolt	compl.	SK 1513	1

Item	Description	Remark	Order No.	per JSK
20	Locking bolt		SK 2905-106	1
21	Latch cord	compl.	SK 3521-02	1
22	Hexagon bolt	compl.	SK 2421-50	2
23	Short handle	compl. with 21 + 22	SK 3121-064	1
24	Long handle		SK 3105-113	1
32	Rubber bushing		SK 2905-94	2
33	Pivot pin	with 35	SK 2904-99	2
34	Hexagon bolts	compl.	SK 2921-038	2
35	Plug		JS 1101-012	2
36	Pedestals BH 160 (DA)	E + F *	SKE500010220	1
36	Pedestals BH 200 (DA)	E + F *	SKE500010120	1
36	Pedestals BH 230 (DA)	E + F *	SKE500010020	1

* The E series can be converted to the F series (and vice versa) by switching the right and left pedestals to the opposite side. This causes the fifth wheel coupling to be displaced by 25 mm in relation to the attachment hole pattern of the tractor.

Repair and retrofit kits



Item	Description	Order No.
01, 02, 10, 11, 12	Repair kit for lock	SK 3221-50
01, 02	Repair kit for lock	SK 2121-51
10, 11, 12	Repair kit for lock	SK 3221-52
01, 02, 10, 11, 12, 17	Repair kit for lock	SK 3121-51

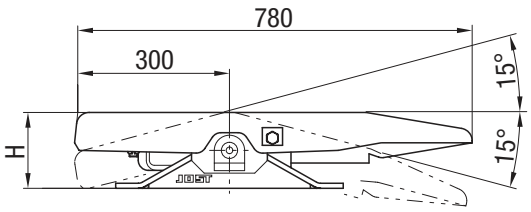
Item	Description	Order No.
25	Lubrication adapter	SKE005740000
32, 33, 34, 35	Repair kit for bearing	SK 2921-051
oZ	Extraction tool for bearing	J 919/2

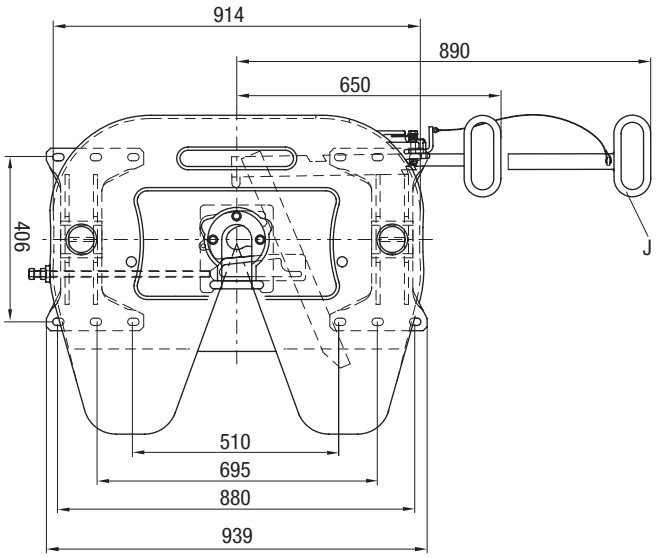
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 36 DV

Advantages at a glance

- 2" fifth wheel coupling in weight-optimised pressed steel design
- Tappets for correct positioning of king pin during hitching
- Available with Fleetmaster Handle





Selection table / Versions available

Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	ZL	Sensoric
JSK 36 DV2	150	152	20	117	E1 55R-01 0301	K	-
JSK 36 DV2 J	150	152	20	118	E1 55R-01 0301	J	-
JSK 36 DV 20 C6 AA	150	152	20	122	E1 55R-01 0301	J	ST*
JSK 36 DV1	172	152	20	119	E1 55R-01 0301	K	-
JSK 36 DV1 J	172	152	20	120	E1 55R-01 0301	J	-
JSK 36 DV 31 C6 AA	172	152	20	125	E1 55R-01 0301	J	ST*
JSK 36 DV3	185	152	20	121	E1 55R-01 0301	K	-
JSK 36 DV3 J	185	152	20	122	E1 55R-01 0301	J	-
JSK 36 DV 38 C6 AA	185	152	20	127	E1 55R-01 0301	J	ST*
JSK 36 DV17 G	205	152	20	125	E1 55R-01 0301	K	-
JSK 36 DV17 GJ	205	152	20	126	E1 55R-01 0301	J	-
JSK 36 DV 47 C6 AA	205	152	20	128	E1 55R-01 0301	J	ST*
JSK 36 DV16 G	225	152	20	125	E1 55R-01 0301	K	-
JSK 36 DV16 GJ	225	152	20	126	E1 55R-01 0301	J	-
JSK 36 DV 57 C6 AA	225	152	20	130	E1 55R-01 0301	J	ST*

* Sensor couplings in the standard version are complete sets, which means that remote display (SKE501620200) and cable set (SKE00211300) are included in the delivery.

Explanatory notes for the selection tables please refer to page 15.

available with

Sensoric

Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

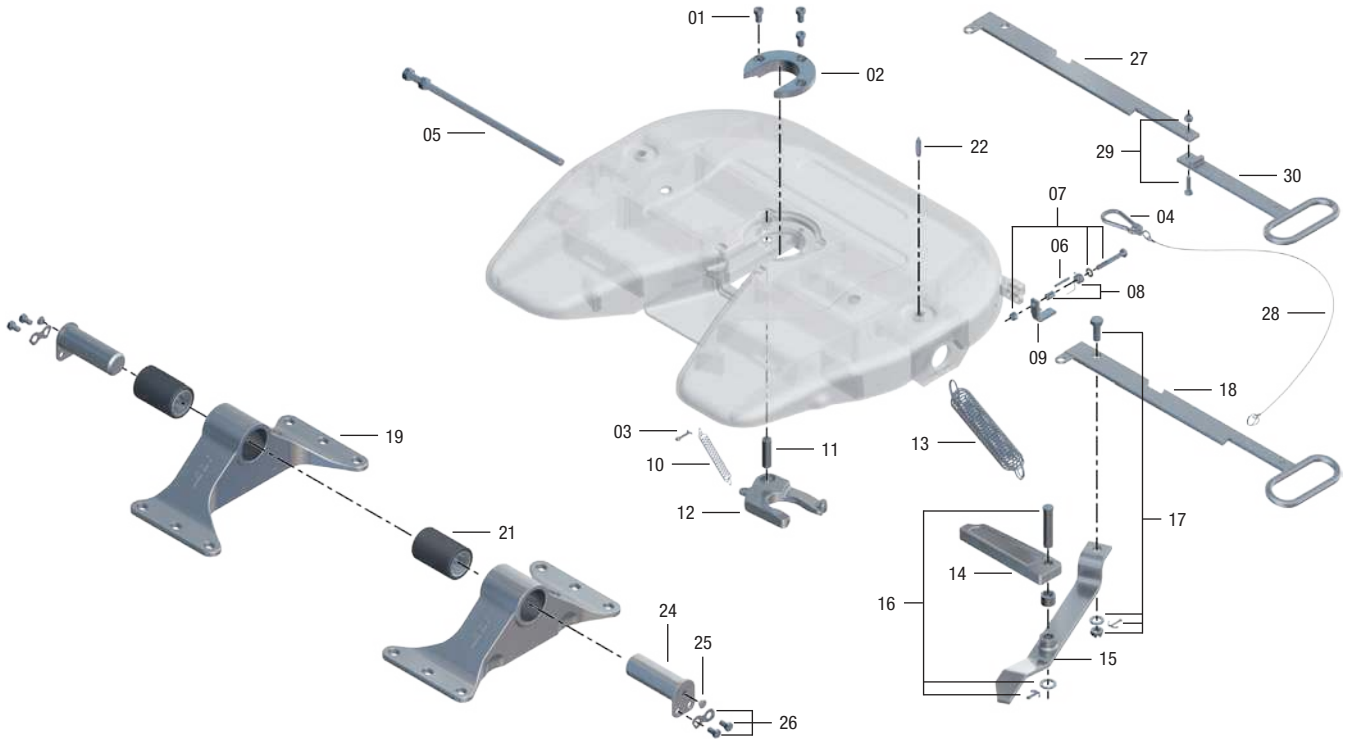
Fleetmaster Handle

Order No.	Description	Weight (kg)
SKE070616416	compl.	2,00

Mounting instructions at www.jost-world.com

JSK 36 DV

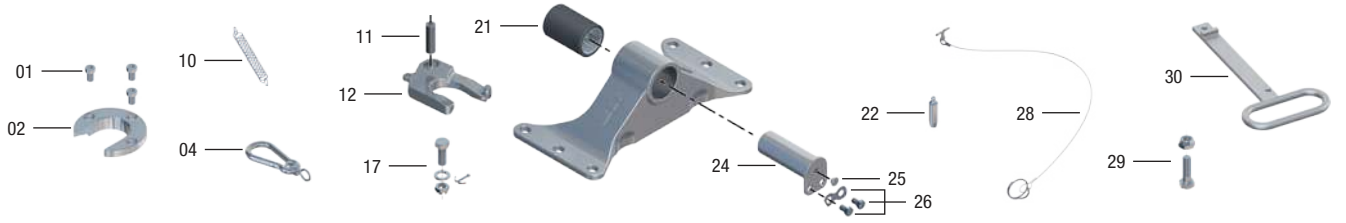
Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt		SK 2121-07	3
02	Wearing ring		SK 2105-19	1
03	Split pin	up to xx83xxxxxx	SK 1974	1
04	Spring hook	up to xx83xxxxxx	SK 1436	1
05	Adjusting screw		SK 2905-51	1
06	Clamping pin		NTE000000400	1
07	Hexagon bolt	compl.	SK 3521-03	1
08	Spring noose	compl.	SK 2921-30	1
09	Latch	compl.	SK 3121-52	1
10	Tension spring		SK 847	1
11	Bolt		SK 2106-67	1
12	Lock jaw		SK 1489 Z	1
13	Double tension spring		SK 3105-20	1
14	Locking bolt		SK 2905-06	1
15	Lever		SK 2107-25	1
16	Bar bolt	compl.	SK 2921-02	1

Item	Description	Remark	Order No.	per JSK
17	Hexagon bolt	compl.	SK 1513	1
18	Short handle	for type K	SK 2905-111	1
19	Pedestal BH 150 (ISO)		SKE501530001	2
19	Pedestal BH 172 (ISO)		SKE501540001	2
19	Pedestal BH 185 (ISO)		SKE501550001	2
19	Pedestal BH 205 (ISO)		SK 2904-105	2
19	Pedestal BH 225 (ISO)		SKE011880000	2
21	Rubber bushing	compl.	SK 2905-94	2
24	Pivot pin	up to xx83xxxxxx	SK 2921-24	2
24	Pivot pin	with 25	SK 2904-99	2
25	Plug		JS 1101-012	2
26	Hexagon bolts	compl.	SK 2921-038	2
27	Locking bolt	compl. for type J	SK 2905-106	1
28	Latch cord	compl. for type J	SK 3521-02	1
29	Hexagon bolt	compl. for type J	SK 2421-50	1
30	Long handle	for type J	SK 3105-113	1

Repair and retrofit kits



Item	Description	Order No.
01, 02, 10, 11, 12	Repair kit for lock	SK 3221-50
01, 02	Repair kit for lock	SK 2121-51
10, 11, 12	Repair kit for lock	SK 3221-52
01, 02, 04, 10, 11, 12, 17	Repair kit for lock	SK 3121-50
01, 02, 10, 11, 12, 17	Repair kit for lock	SK 3121-51

Item	Description	Order No.
21, 24, 25, 26	Repair kit for bearing	SK 2921-051
22	Lubrication adapter	SKE005740000
28, 29, 30	Handle extension compl. from xx89xxxx	SK 2921-031
oZ	Extraction tool for bearing	J 919/2

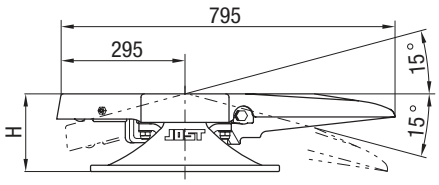
Spare parts for sensoric please refer to chapter sensor coupling.

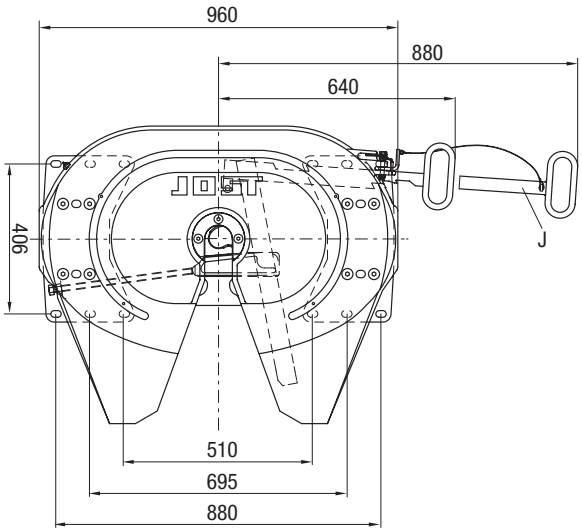
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 37 C

Advantages at a glance

- Robust and universal 2" cast fifth wheel coupling
- Especially for use under poor road conditions
- **Also suitable for use in site traffic**
- Shock-absorbing rubber bearing
- Integrated automatic lubrication system LubeTronic *5Point* and/or sensorsystem as options





Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Selection table / Versions available

Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL	Sensoric
JSK 37 C150	150	152	20	149.0	E1 55R-01 0116	M	K	-
JSK 37 C150 Z	150	152	20	149.0	E1 55R-01 0116	Z	K	-
JSK 37 C150 J	150	152	20	149.0	E1 55R-01 0116	M	J	-
JSK 37 C150 ZJ	150	152	20	149.0	E1 55R-01 0116	Z	J	-
JSK 37 C0 20 U3 AA	150	152	20	149.5	E1 55R-01 0116	LT*5P* ST	J	-
JSK 37 C0 20 BG EE	150	152	20	149.5	E1 55R-01 0116	LT*5P* MB	J	-
JSK 37 C0 20 DO CL	150	152	20	149.5	E1 55R-01 0116	LT*5P* MAN	K	-
JSK 37 C0 20 T9 AI	150	152	20	149.5	E1 55R-01 0116	LT*5P* VT	K	-
JSK 37 C0 20 C6 AA	150	152	20	146.0	E1 55R-01 0116	M	J	ST*
JSK 37 C0 20 M3 EE	150	152	20	146.0	E1 55R-01 0116	M	J	MB
JSK 37 C0 20 P1 AI	150	152	20	146.0	E1 55R-01 0116	M	K	VT/RT
JSK 37 C0 20 DA AA	150	152	20	150.4	E1 55R-01 0116	LT*5P* ST	J	ST
JSK 37 C0 20 P2 AI	150	152	20	150.4	E1 55R-01 0116	LT*5P* VT	K	VT/RT
JSK 37 C185	185	152	20	152.0	E1 55R-01 0116	M	K	-
JSK 37 C185 Z	185	152	20	152.0	E1 55R-01 0116	Z	K	-
JSK 37 C185 J	185	152	20	152.0	E1 55R-01 0116	M	J	-
JSK 37 C185 ZJ	185	152	20	152.0	E1 55R-01 0116	Z	J	-
JSK 37 C0 38 U3 AA	185	152	20	154.7	E1 55R-01 0116	LT*5P* ST	J	-
JSK 37 C0 38 BG EE	185	152	20	154.7	E1 55R-01 0116	LT*5P* MB	J	-
JSK 37 C0 38 DO CL	185	152	20	154.7	E1 55R-01 0116	LT*5P* MAN	K	-
JSK 37 C0 38 T9 AI	185	152	20	154.7	E1 55R-01 0116	LT*5P* VT	K	-
JSK 37 C0 38 C6 AA	185	152	20	151.0	E1 55R-01 0116	Z	J	ST*
JSK 37 C0 38 M3 EX	185	152	20	151.0	E1 55R-01 0116	M	J	MB
JSK 37 C0 38 P1 AI	185	152	20	151.0	E1 55R-01 0116	M	J	VT/RT
JSK 37 C0 38 DA AA	185	152	20	155.5	E1 55R-01 0116	LT*5P* ST	J	ST*
JSK 37 C0 38 P2 AI	185	152	20	155.5	E1 55R-01 0116	LT*5P* VT	K	VT/RT
JSK 37 C250	250	152	20	168.0	E1 55R-01 0116	M	K	-
JSK 37 C250 Z	250	152	20	168.0	E1 55R-01 0116	Z	K	-
JSK 37 C250 J	250	152	20	168.0	E1 55R-01 0116	M	J	-
JSK 37 C250 ZJ	250	152	20	168.0	E1 55R-01 0116	Z	J	-
JSK 37 C0 70 U3 AA	250	152	20	169.9	E1 55R-01 0116	LT*5P* ST	J	-
JSK 37 C0 70 BG EE	250	152	20	169.9	E1 55R-01 0116	LT*5P* MB	J	-
JSK 37 C0 70 DO CL	250	152	20	169.9	E1 55R-01 0116	LT*5P* MAN	K	-
JSK 37 C0 70 C6 AA	250	152	20	169.9	E1 55R-01 0116	Z	J	ST*
JSK 37 C0 70 DA AA	250	152	20	170.7	E1 55R-01 0116	LT*5P* ST	J	ST*
JSK 37 C300	300	152	20	178.0	E1 55R-01 0116	M	K	-
JSK 37 C300 Z	300	152	20	178.0	E1 55R-01 0116	Z	K	-
JSK 37 C300 J	300	152	20	178.0	E1 55R-01 0116	M	J	-
JSK 37 C300 ZJ	300	152	20	178.0	E1 55R-01 0116	Z	J	-
JSK 37 C0 80 U3 AA	300	152	20	169.0	E1 55R-01 0116	LT*5P* ST	J	-
JSK 37 C0 80 C6 AA	300	152	20	186.1	E1 55R-01 0116	M	J	ST*
JSK 37 C0 80 DA AA	300	152	20	188.5	E1 55R-01 0116	LT*5P* ST	J	ST*

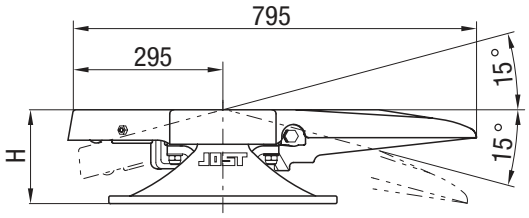
Explanatory notes for the selection tables please refer to page 15.

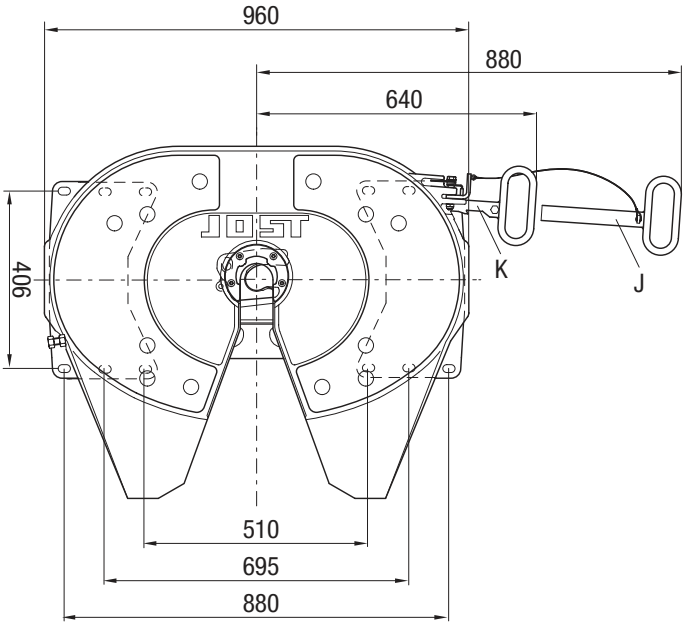
Mounting instructions at www.jost-world.com

Fifth wheel couplings · JSK 37 CW

Advantages at a glance

- Robust and universal 2" cast fifth wheel coupling
- Especially for use under poor road conditions
- Low-maintenance with plastic top plate liner and **LubeTronic *1Point* as a standard feature for automatic lubrication of lock jaw**





Selection table / Versions available

Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL	Sensoric
JSK 37 C0 20 87 AA	150	152	20	150	E1 55R-01 0116	W+LT*1P*	J	-
JSK 37 C0 20 C7 AA	150	152	20	146	E1 55R-01 0116	W	J	ST*
JSK 37 C0 20 BE EE	150	152	20	146	E1 55R-01 0116	W+LT*1P*	J	MB**
JSK 37 C0 20 P4 AI	150	152	20	146	E1 55R-01 0116	W+LT*1P*	K	VT/RT**
JSK 37 C0 38 87 AA	185	152	20	153	E1 55R-01 0116	W+LT*1P*	J	-
JSK 37 C0 38 C7 AA	185	152	20	146	E1 55R-01 0116	W	J	ST*
JSK 37 C0 38 BE EE	185	152	20	146	E1 55R-01 0116	W+LT*1P*	J	MB**
JSK 37 C0 38 P4 AI	185	152	20	146	E1 55R-01 0116	W+LT*1P*	K	VT/RT**
JSK 37 C0 70 87 AA	250	152	20	153	E1 55R-01 0116	W+LT*1P*	J	-
JSK 37 C0 70 C7 AA	250	152	20	146	E1 55R-01 0116	W	J	ST*
JSK 37 C0 80 87 AA	300	152	20	153	E1 55R-01 0116	W+LT*1P*	J	-

Explanatory notes for the selection tables please refer to page 15.

available with

LubeTronic *1P*

Sensoric

Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

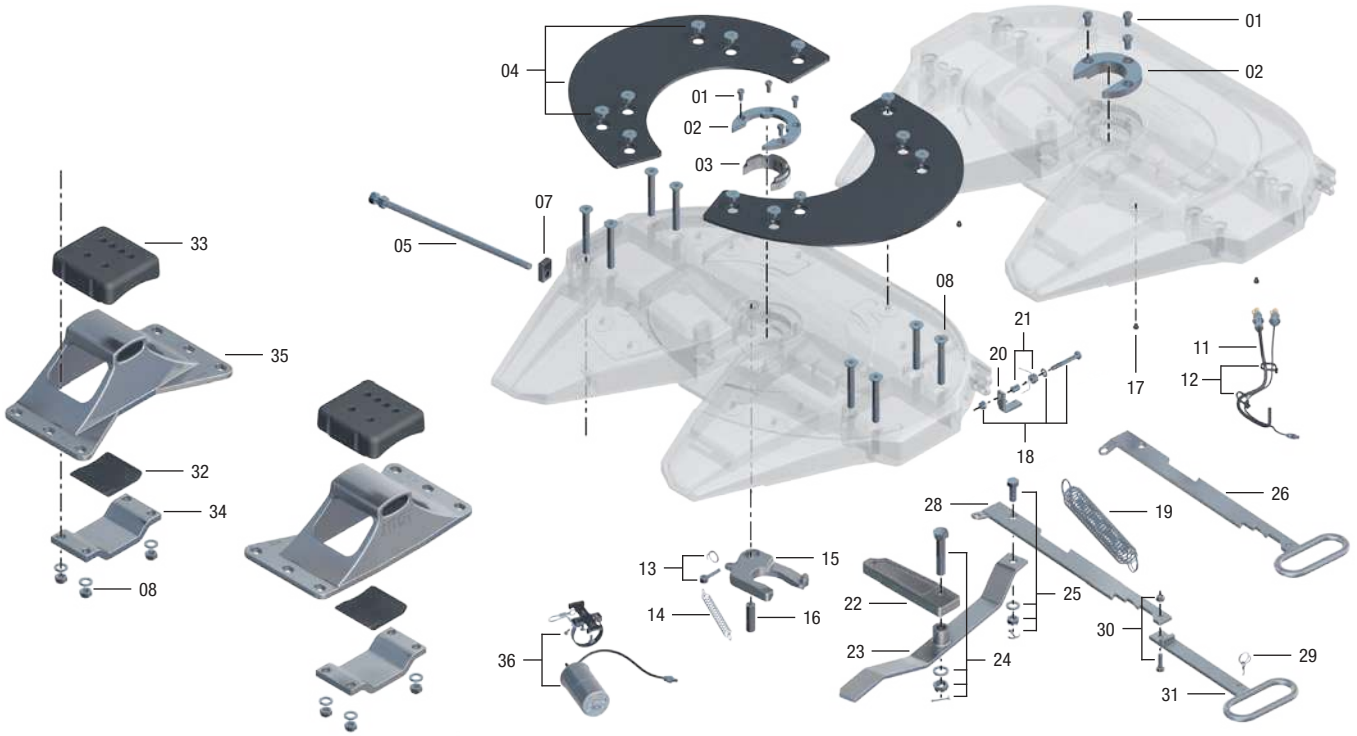
* Sensor couplings in the version ST (Standard) are complete sets, they are delivered incl. remote display (SKE501620200) and cable set (SKE002110300).

** For using sensor coupling versions MB and VT, the truck has to be prepared ex factory for sensors by the manufacturer.

Mounting instructions at www.jost-world.com

JSK 37 C / CW

Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt	for JSK37CZ	SK 2121-07	3
01	Socket head bolt	for JSK37CW	SK 3121-55	4
02	Wearing ring	for JSK37CZ	SK 2105-19	1
02	Mounting ring	for JSK37CW	SK 3105-93	1
03	Wearing part	for JSK37CW	SK 3105-92	1
oZ	Split pin	up to xx24xxxxxx	SK 1974	1
oZ	Spring hook	up to xx24xxxxxx	SK 1436	1
04	Plastic top plate liner, left (6x)	compl. with screws	SK 3105-129L	1
04	Plastic top plate liner, right (6x)	compl. with screws	SK 3105-129R	1
05	Adjusting screw	for JSK37CZ	SK 3105-150	1
05	Adjusting screw	for JSK37CW	SKE500740220	1
07	Guide		SK 3205-07	1
08	Countersunk bolt	compl.	SK 2121-15	8
oZ	Lubrication tube		SK 1989	1
oZ	Nut and bolt		SK 1976	1
11	Lubrication line	for JSK37CZ, with 12	SK 3108-02	1
12	Cable tie		SK 3121-13	1
13	Eye bolt	compl.	SK 2122-04	1
14	Tension spring		SK 847	1
15	Lock jaw	with 12	SK 1489 Z	1
15	Lock jaw	for LT*1P*	SKE004090000	1
16	Bolt		SK 2106-67	1
17	Threaded stopper		000.010.021	4

Item	Description	Remark	Order No.	per JSK
18	Hexagon bolt	compl.	SK 3521-03	1
19	Double tension spring		SK 3105-20	1
20	Latch	compl.	SK 3121-52	1
21	Spring noose	compl.	SK 3121-59	1
22	Locking bolt		SK 3205-06	1
23	Lever		SK 3105-18	1
24	Bar bolt	compl.	SK 3221-01	1
25	Hexagon bolt	compl.	SK 1513	1
26	Short handle	for type K	SK 3105-15	1
oZ	Handle extension	only in retrofit kit		
28	Locking bar	for type J	SK 3105-115	1
29	Latch cord	compl. for type J	SK 3521-02	1
30	Hexagon bolt	compl. for type J	SK 2421-50	1
31	Long handle	for type J	SK 3105-113	1
32	Rubber cushion, lower		SK 2105-25	2
33	Rubber cushion, upper		SK 1259	2
34	Bridge		SK 1372	2
35	Pedestal BH 150 (ISO)		SK 2104-02	2
35	Pedestal BH 185 (ISO)		SK 2104-01	2
35	Pedestal BH 220 (ISO)		SKE501780000	2
35	Pedestal BH 250 (ISO)		SK 2104-14	2
35	Pedestal BH 300 (ISO)		SK 2104-20	2

Repair and retrofit kits

Item	Description	Order No.
01, 02, 14, 15, 16	Repair kit for lock for type C	SK 3221-50
14, 15, 16	Repair kit for lock for type C	SK 3221-52
01, 02	Repair kit for lock for type C/CZ	SK 2121-51
01, 02, 11, 14, 15, 16	Repair kit for lock for type CZ	SK 3221-50 Z
11, 14, 15, 16	Repair kit for lock for type CZ	SK 3221-52 Z
01, 02, 03, oZ, 14, 15, 16	Repair kit for lock for type JSK37CW	SK 3121-60 Z
08, 32, 33	Repair kit for bearing	SK 2121-69

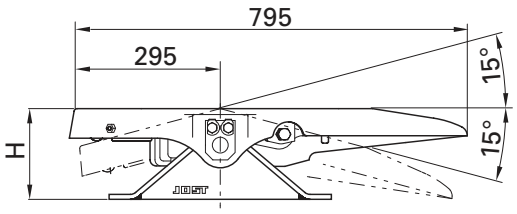
Item	Description	Order No.
11, 15	Retrofit kit for type C on CZ	SK 3108-05
oZ, 29, 30	Retrofit kit handle extension compl.	SK 3121-063
01, 02, 11, 12, 14, 15, 16, 22, 24, 25	Repair kit for lock	SK 3121-072 Z
04	Repair kit for plastic top plate liner with screws	SK 3106-003
01, 02, 03, 14, 15, 16, 36	Repair kit for LT*1P* compl.	SKE004070100

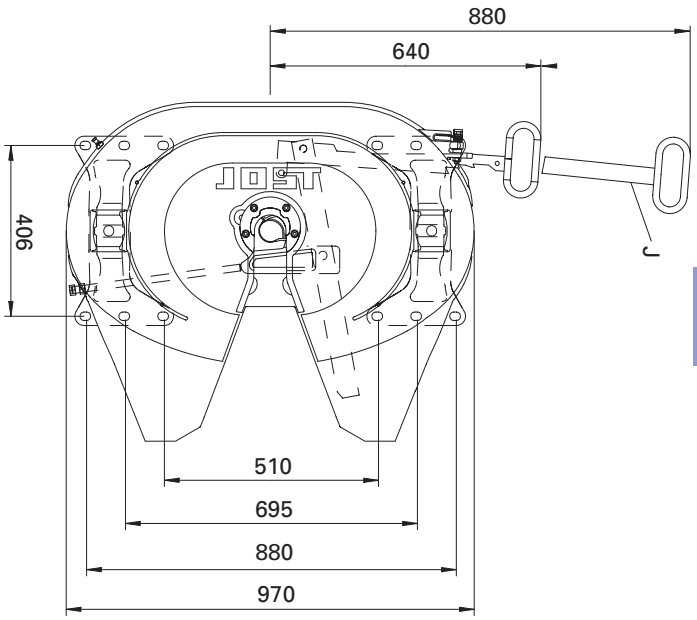
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 37 E / EW

Advantages at a glance

- Robust 2" cast fifth wheel coupling
- Low-maintenance with plastic top plate liner and a lubricating point for the lock





Selection table / Versions available

Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL
JSK 37 E150	150	152	20	135	E1 55R-01 0294	Z	K
JSK 37 E150 W	150	152	20	135	E1 55R-01 0294	W	K
JSK 37 E150 J	150	152	20	135	E1 55R-01 0294	Z	J
JSK 37 E150 WJ	150	152	20	135	E1 55R-01 0294	W	J
JSK 37 E185	185	152	20	140	E1 55R-01 0294	Z	K
JSK 37 E185 W	185	152	20	140	E1 55R-01 0294	W	K
JSK 37 E185 J	185	152	20	140	E1 55R-01 0294	Z	J
JSK 37 E185 WJ	185	152	20	140	E1 55R-01 0294	W	J
JSK 37 E205	205	152	20	141	E1 55R-01 0294	Z	K
JSK 37 E205 W	205	152	20	141	E1 55R-01 0294	W	K
JSK 37 E205 J	205	152	20	141	E1 55R-01 0294	Z	J
JSK 37 E205 WJ	205	152	20	141	E1 55R-01 0294	W	J

Explanatory notes for the selection tables please refer to page 15.

available with

LubeTronic 1P

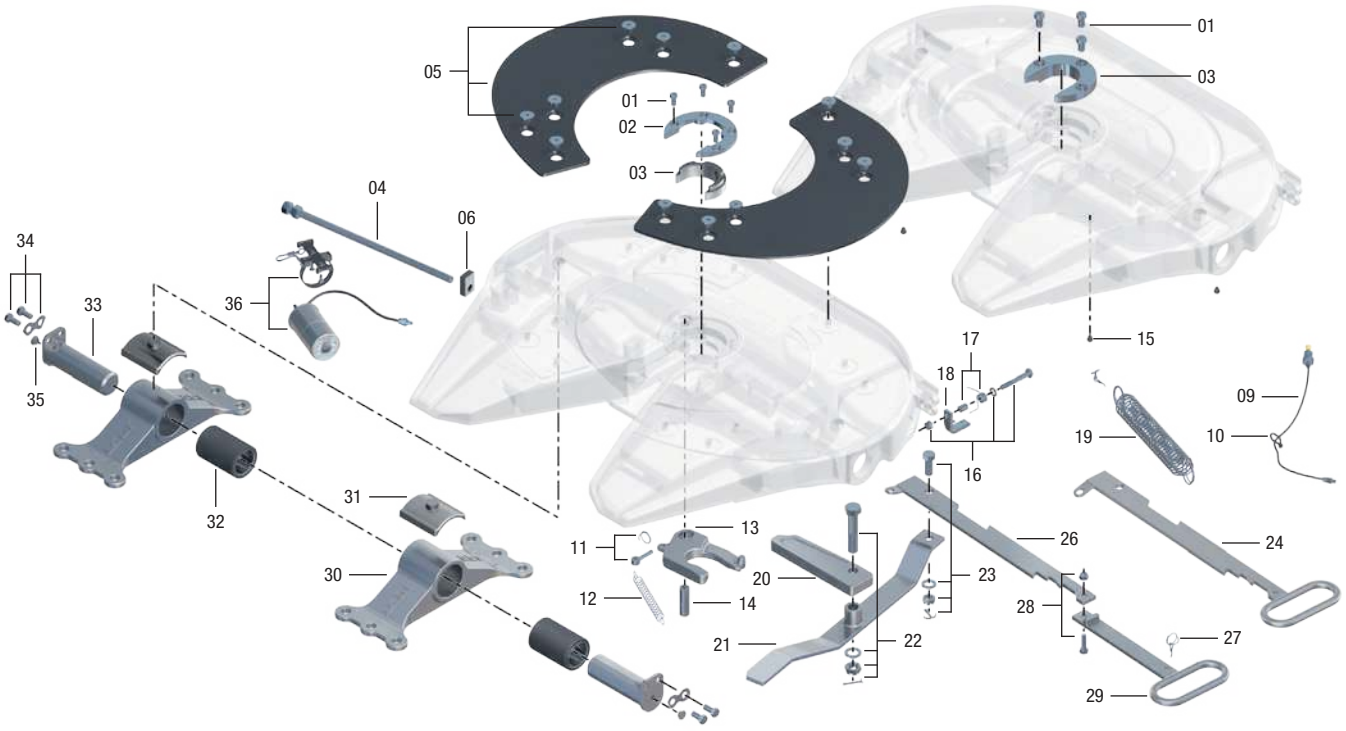
Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Mounting instructions at www.jost-world.com

JSK 37 E / EW

Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt	up to xx31xxxxxx	SK 2121-07	3
01	Socket head bolt	from xx34xxxxxx	SK 3121-55	4
02	Mounting ring	from xx34xxxxxx	SK 3105-93	1
03	Wearing ring	up to xx31xxxxxx	SK 2105-19	1
03	Wearing part	from xx34xxxxxx	SK 3105-92	1
04	Adjusting screw	from xx31xxxxxx	SKE500740220	1
04	Adjusting screw	up to xx28xxxxxx	SK 3105-150	1
05	Plastic top plate liner, left (6x)	compl. with screws	SK 3105-129L	1
05	Plastic top plate liner, right (6x)	compl. with screws	SK 3105-129R	1
06	Guide		SK 3205-07	1
oZ	Lubrication tube	up to xx31xxxxxx	SK 1989	1
oZ	Nut and bolt		SK 1976	1
09	Lubrication line	compl. with 10	SK 3108-02	1
10	Cable tie		SK 3121-13	1
11	Eye bolt	compl.	SK 2122-04	1
12	Tension spring		SK 847	1
13	Lock jaw	compl. with 10	SK 1489 Z	1
14	Bolt		SK 2106-67	1
15	Threaded stopper		000.010.021	1
16	Hexagon bolt	compl.	SK 3521-03	1
17	Spring noose	compl.	SK 3121-59	1
18	Latch	compl.	SK 3121-52	1

Item	Description	Remark	Order No.	per JSK
19	Double tension spring		SK 3105-20	1
20	Locking bolt		SK 3205-06	1
21	Lever	for JSK DH	SKE500350001	1
21	Lever		SK 3105-18	1
22	Bar bolt	compl.	SK 3221-01	1
23	Hexagon bolt	compl.	SK 1513	1
24	Short handle	for type K	SK 3105-15	1
oZ	Handle extension	only in retrofit kit		
26	Locking bar	for type J	SK 3105-115	1
27	Latch cord	compl. for type J	SK 3521-02	1
28	Hexagon bolt	compl. for type J	SK 2421-50	1
29	Long handle	for type J + I6	SK 3105-113	1
30	Pedestal BH 150 (ISO)		SKE501530001	2
30	Pedestal BH 172 (ISO)		SKE501540001	2
30	Pedestal BH 185 (ISO)		SKE501550001	2
30	Pedestal BH 205 (ISO)		SK 2904-105	2
30	Pedestal BH 225 (ISO)		SKE011880000	2
31	Collar		SK 3105-95	2
32	Rubber bushing	compl.	SK 2905-94	2
33	Pivot pin	with 35	SK 3104-05	2
34	Hexagon bolts	compl.	SK 3121-071	2
35	Plug		JS 1101-012	2

Repair and retrofit kits

Item	Description	Order No.
01, 03, 09, 12, 13, 14	Repair kit for lock up to xx31xxxxxx	SK 3221-50 Z
09, 12, 13, 14	Repair kit for lock	SK 3221-52 Z
01, 03, 09, 12, 13, 14, 23	Repair kit for lock up to xx31xxxxxx	SK 3121-56 Z
01, 02, 03, 09, 12, 13, 14	Repair kit for lock from xx34xxxxxx	SK 3121-60 Z
05	Repair kit for plastic top plate liner with screws	SK 3106-003

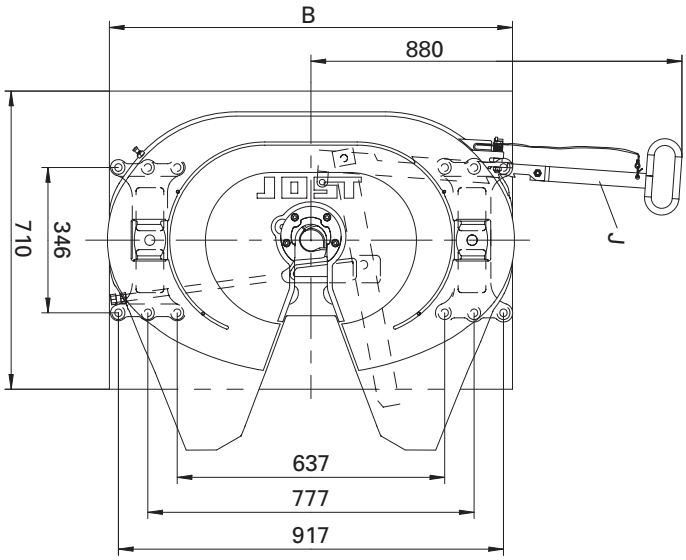
Item	Description	Order No.
32, 33, 34, 35	Repair kit for bearing up to xx28xxxxxx	SK 3121-58
31, 32, 33, 34, 35	Repair kit for bearing from xx31xxxxxx	SK 3121-61
oZ, 27, 28	Retrofit kit handle extension compl. for type C/CZ	SK 3121-063
01, 03, 09, 10, 12, 13, 14, 20, 22, 23	Repair kit for lock up to xx31xxxxxx	SK 3121-072 Z
01, 02, 03, 12, 13, 14, 36	Repair kit for LT1P compl.	SKE004070100

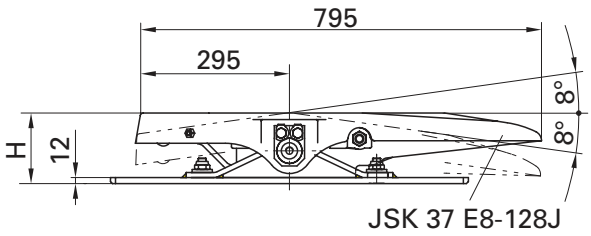
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 37 ME 140 / ME 140W

Advantages at a glance

- Robust and universal 2" fifth wheel cast coupling
- **Very low mounting height of 128 mm**
- Integrated mounting plate of 12 mm
- Low-maintenance version with plastic top plate liner and a lubricating point for the lock





Selection table / Versions available

Order No. (SK + MP)	H (mm)	B (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE) Fifth wheel Coupling	WA	Mounting plate
JSK 37 ME 140 A1	140	960	126	15	191	E1 55R-01 0294	Z	MP 0813-064
JSK 37 ME 140 A1 W	140	960	126	15	191	E1 55R-01 0294	W	MP 0813-064
JSK 37 ME 140 D1	140	960	126	15	188	E1 55R-01 0294	Z	MP 0844-120
JSK 37 ME 140 D1 W	140	960	126	15	187	E1 55R-01 0294	W	MP 0844-120
JSK 37 ME 140 E1	140	1050	126	15	197	E1 55R-01 0294	Z	MP 0815-074
JSK 37 ME 140 E1 W	140	1050	126	15	197	E1 55R-01 0294	W	MP 0815-074

Explanatory notes for the selection tables please refer to page 15.

available with

LubeTronic 1P

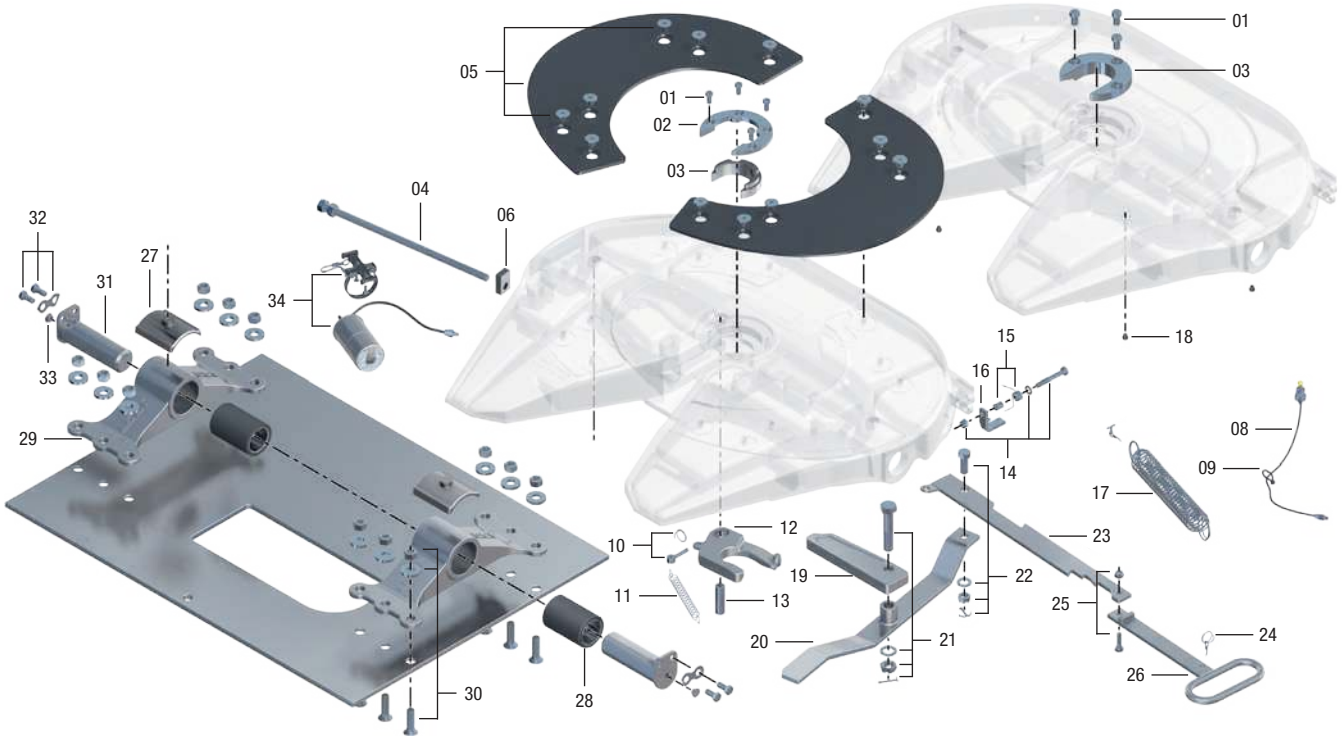
Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Mounting instructions at www.jost-world.com

JSK 37 ME 140 / ME 140 W

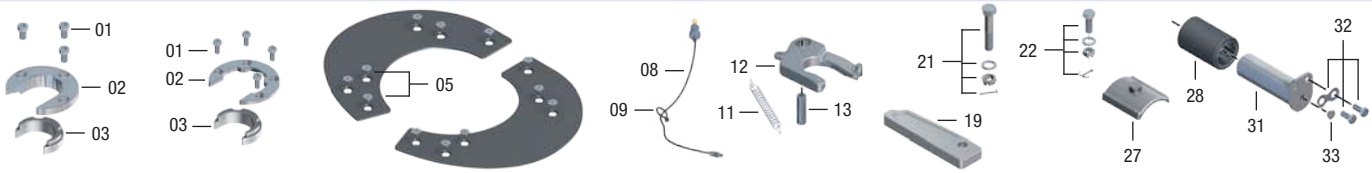
Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt	up to xx31xxxxxx	SK 2121-07	3
01	Socket head bolt	from xx34xxxxxx	SK 3121-55	4
02	Mounting ring	from xx34xxxxxx	SK 3105-93	1
03	Wearing ring	up to xx31xxxxxx	SK 2105-19	1
03	Wearing part	from xx34xxxxxx	SK 3105-92	1
04	Adjusting screw		SKE500740220	1
05	Plastic top plate liner, left (6x)	compl. with screws	SK 3105-129L	1
05	Plastic top plate liner, right (6x)	compl. with screws	SK 3105-129R	1
06	Guide		SK 3205-07	1
oZ	Lubrication tube	up to xx31xxxxxx	SK 1989	1
oZ	Nut and bolt	up to xx31xxxxxx	SK 1976	1
08	Lubrication line	compl. with 09	SK 3108-02	1
09	Cable tie		SK 3121-13	1
10	Eye bolt	compl.	SK 2122-04	1
11	Tension spring		SK 847	1
12	Lock jaw	compl. with 09	SK 1489 Z	1
13	Bolt		SK 2106-67	1
14	Hexagon bolt	compl.	SK 3521-03	1
15	Spring noose	compl.	SK 3121-59	1

Item	Description	Remark	Order No.	per JSK
16	Latch	compl.	SK 3121-52	1
17	Double tension spring		SK 3105-20	1
18	Threaded stopper		000.010.021	4
19	Locking bolt		SK 3205-06	1
20	Lever		SK 3105-18	1
21	Bar bolt	compl.	SK 3221-01	1
22	Hexagon bolt	compl.	SK 1513	1
23	Locking bar		SK 3105-115	1
24	Latch cord	compl.	SK 3521-02	1
25	Hexagon bolt	compl.	SK 2421-50	1
26	Long handle	for type J	SK 3105-113	1
27	Collar		SK 3105-95	2
28	Rubber bushing	compl.	SK 2905-94	2
29	Pedestal BH 140		SK 3104-039	2
30	Mounting kit		SK 3110-011	1
31	Pivot pin	with 33	SK 3104-05	2
32	Hexagon bolts	compl.	SK 3121-071	2
33	Plug		JS 1101-012	2

Repair and retrofit kits



Item	Description	Order No.
01, 03, 08, 11, 12, 13	Repair kit for lock up to xx31xxxxxx	SK 3221-50 Z
08, 11, 12, 13	Repair kit for lock	SK 3221-52 Z
01, 03, 08, 11, 12, 13, 22	Repair kit for lock up to xx31xxxxxx	SK 3121-56 Z
01, 02, 03, 08, 11, 12, 13, 22	Repair kit for lock from xx34xxxxxx	SK 3121-60 Z

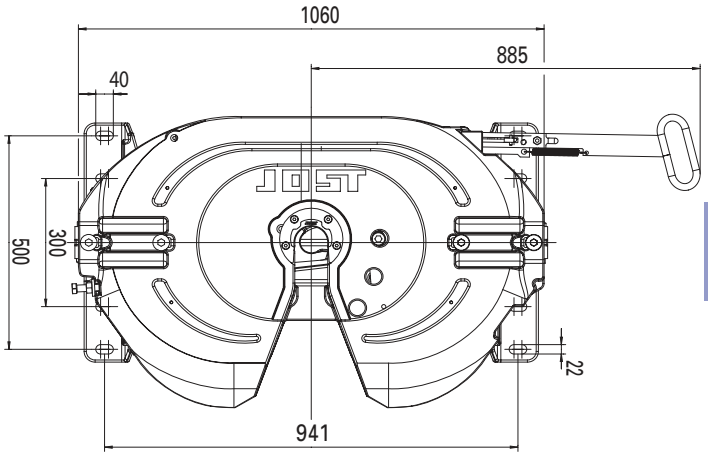
Item	Description	Order No.
05	Repair kit for plastic top plate liner with screws	SK 3106-003
28, 31, 32, 33	Repair kit for bearing up to xx28xxxxxx	SK 3121-58
27, 28, 31, 32, 33	Repair kit for bearing from xx31xxxxxx	SK 3121-61
01, 03, 08, 09, 11, 12, 13, 19, 21, 22	Repair kit for lock up to xx31xxxxxx	SK 3121-072 Z
01, 02, 03, 11, 12, 13, 34	Repair kit for LT1P compl.	SKE004070100

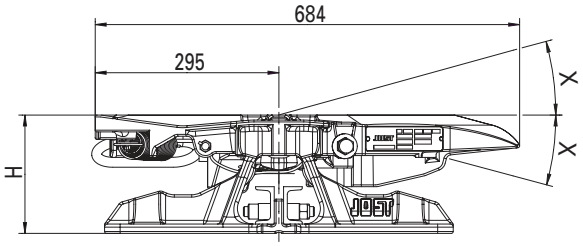
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 40 K9 (Mercedes-Benz) Frame mounting

Advantages at a glance

- Weight-optimised 2" fifth wheel cast coupling
- **Weight-optimised version for fitting to the frame or subframe of the Mercedes-Benz* tractor without a mounting plate**
- Protects the chassis dues to its longitudinal elasticity (lateral movement)
- Low-maintenance version with plastic top plate liner and LubeTronic *1Point* for automatic lubrication of lock jaw





available with

LubeTronic *5P*

Sensoric

Selection table / Versions available

Frame mounting

Order No.	H (mm)	X	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL	Sensoric
JSK 40 K9 20 35 BB	150	13°	152	20	141.0	E1 55R-01 1245	Z	J	-
JSK 40 K9 20 87 BB	150	13°	152	20	142.0	E1 55R-01 1245	W+LT*1P*	J	-
JSK 40 K9 20 BS BB	150	13°	152	20	145.5	E1 55R-01 1245	LT*5P* MB	J	-
JSK 40 K9 20 M3 BB	150	13°	152	20	141.5	E1 55R-01 1245	Z	J	MB
JSK 40 K9 20 BC BB	150	13°	152	20	142.0	E1 55R-01 1245	W+LT*1P*	J	MB
JSK 40 K9 20 BM BB	150	13°	152	20	146.0	E1 55R-01 1245	LT*5P* MB	J	MB
JSK 40 K9 40 35 BB	190	16°	152	20	145.0	E1 55R-01 1245	Z	J	-
JSK 40 K9 40 87 BB	190	16°	152	20	146.0	E1 55R-01 1245	W+LT*1P*	J	-
JSK 40 K9 40 BS BB	190	16°	152	20	149.5	E1 55R-01 1245	LT*5P* MB	J	-
JSK 40 K9 40 M3 BB	190	16°	152	20	145.5	E1 55R-01 1245	Z	J	MB
JSK 40 K9 40 BC BB	190	16°	152	20	146.0	E1 55R-01 1245	W+LT*1P*	J	MB
JSK 40 K9 40 BM BB	190	16°	152	20	150.0	E1 55R-01 1245	LT*5P* MB	J	MB
JSK 40 K9 57 35 BB	225	25°	152	20	147.5	E1 55R-01 1245	Z	J	-
JSK 40 K9 57 87 BB	225	25°	152	20	148.5	E1 55R-01 1245	W+LT*1P*	J	-
JSK 40 K9 57 BS BB	225	25°	152	20	149.5	E1 55R-01 1245	LT*5P* MB	J	-
JSK 40 K9 57 M3 BB	225	25°	152	20	148.5	E1 55R-01 1245	Z	J	MB
JSK 40 K9 57 BC BB	225	25°	152	20	148.0	E1 55R-01 1245	W+LT*1P*	J	MB
JSK 40 K9 57 BM BB	225	25°	152	20	150.4	E1 55R-01 1245	LT*5P* MB	J	MB

Explanatory notes for the selection tables please refer to page 15.

** Actros new (MP4)*

For using sensor coupling versions MB, the truck has to be prepared ex factory for sensors by the manufacturer.

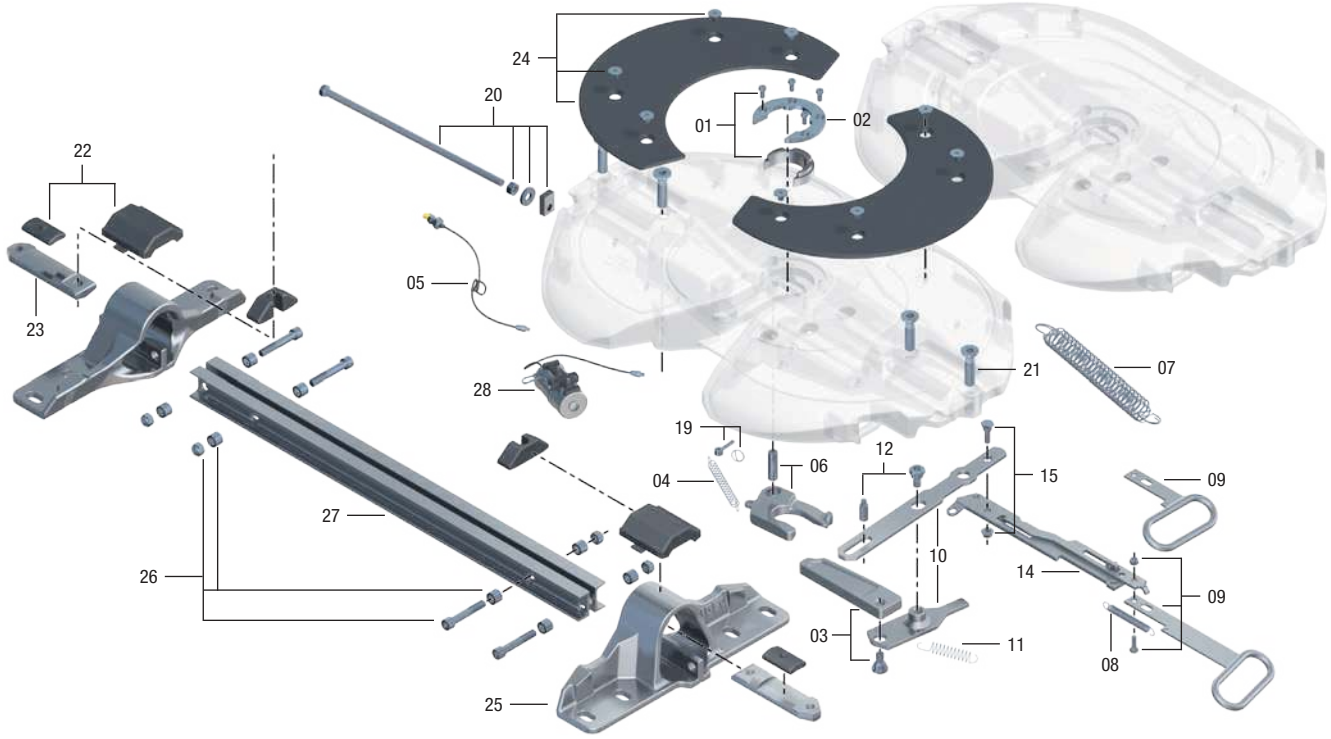
Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Mounting instructions at www.jost-world.com

JSK 40 K9 (Mercedes-Benz) Frame mounting

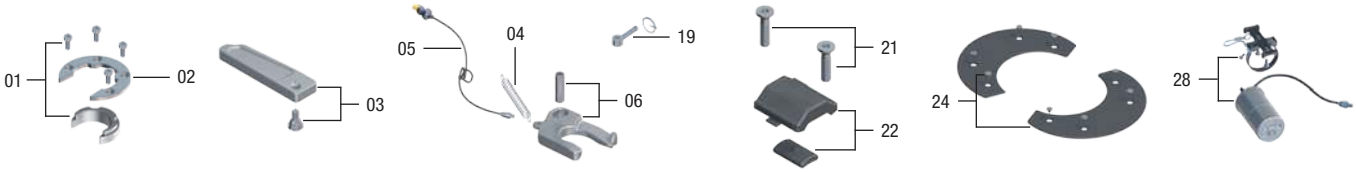
Spare parts



Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolt		SKE001009720	1
04	Tension spring		SK 847	1
05	Lubrication line	with cable tie	SK 3108-02	1
06	Lock jaw	with 04 + 05	SK 3221-52 Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE001440000	1
09	Short handle	with 08, L = 220 mm	SKE001390020	1
09	Long handle	with 08, L = 390 mm	SKE001390120	1
10	Lever kit	with 11 + 12	SKE001380020	1
11	Lever spring		SKE001009800	1
12	Lever bolts		SKE001750020	1
14	Lever	with 15	SKE001620020	1
15	Lever bolt		SKE001650020	1

Item	Description	Remark	Order No.	per JSK
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740420	1
21	Bridge bolt		SKE001011400	4
22	Collar	with 21	SKE001370020	2
23	Bridge	with 21	SKE001530220	2
24	Plastic top plate liner with screws (8x)		SKE001007020	1
25	Pedestal BH 150 (K9)	with 21	SKE001500120	2
25	Pedestal BH 190 (K9)	with 21	SKE001510120	2
25	Pedestal BH 225 (K9)	with 21	SKE001520120	2
26	Set of traverse screws		SKE002770020	1
27	Traverses BH 150 (K9)	with 26	SKE001570120	1
27	Traverses BH 190 (K9)	with 26	SKE001590120	1
27	Traverses BH 225 (K9)	with 26	SKE001590120	1

Repair and retrofit kits



Item	Description	Order No.
01, 02, 03, 04, 05, 06, 19	Repair kit for lock	SKE001640020
21, 22	Repair kit for bearing	SKE001370220

Item	Description	Order No.
24	Repair kit for plastic top plate liner with screws	SKE001007020
01, 02, 06, 28	Repair kit for LT*1P* compl.	SKE004070100

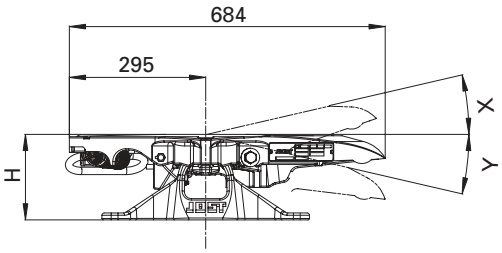
Spare parts for sensoric please refer to sensor coupling.
Spare parts for LubeTronic 5Point please refer to LubeTronic 5Point.

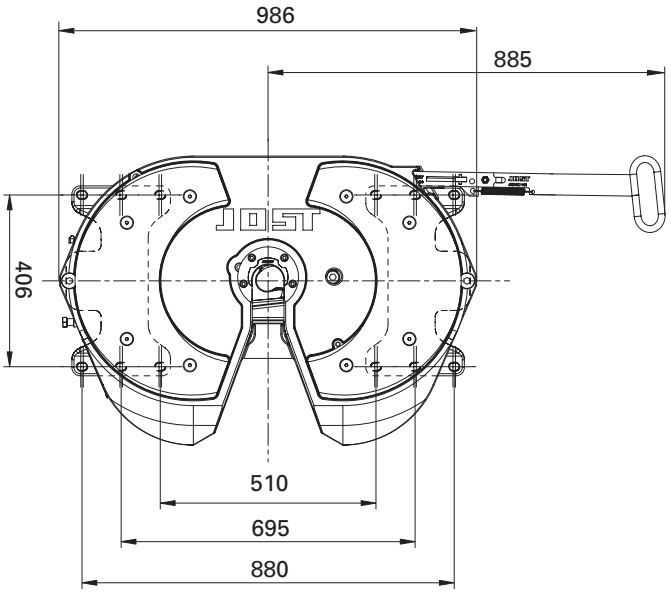
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 42 Plate mounting

Advantages at a glance

- Light 2" fifth wheel cast coupling with slide bearing
- Low-maintenance version with plastic top plate liner and LubeTronic *1Point* for automatic lubrication of lock jaw





available with

FlashTronic · SKS/KKS (AUTO) · LubeTronic · Sensoric

Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

For using sensor coupling versions MB and VT, the truck has to be prepared ex factory for sensors by the manufacturer.

Selection table/Versions available see next page

Mounting instructions at www.jost-world.com

JSK 42 Plate mounting

Selection table / Versions available

Plate mounting

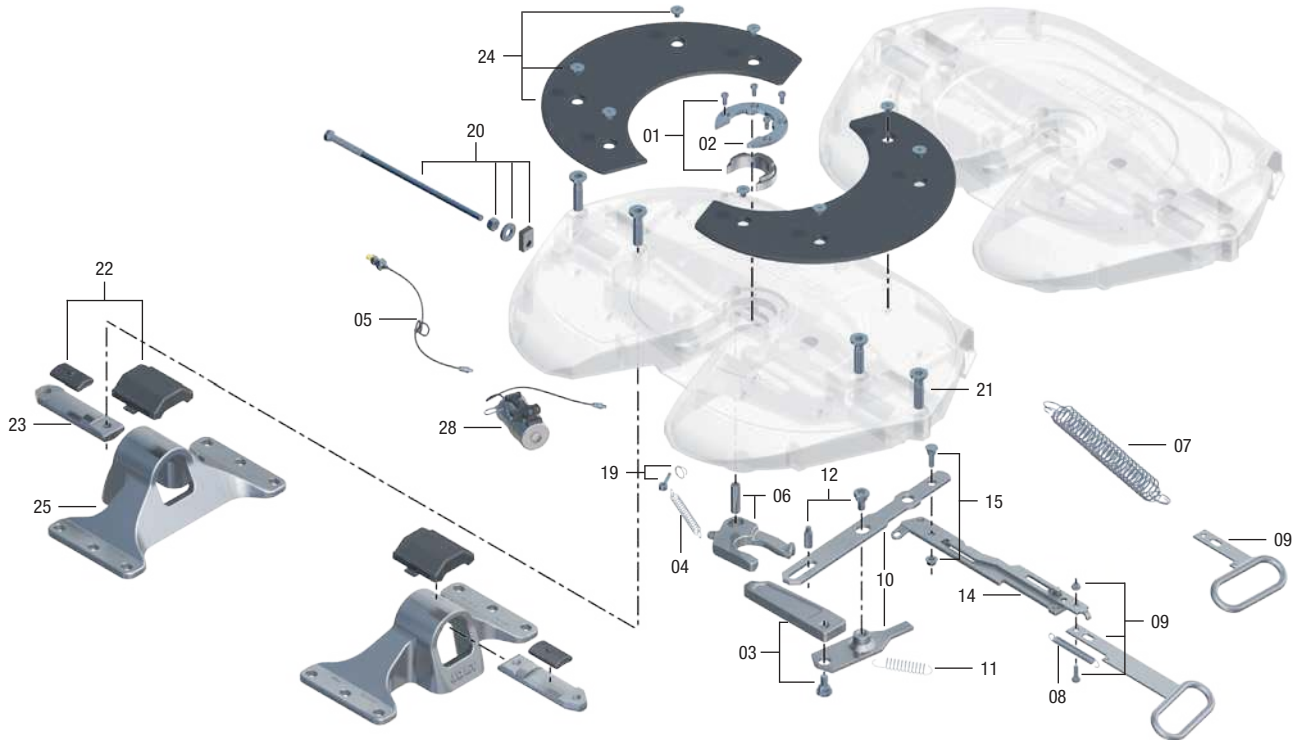
Order No.	H (mm)	X/Y	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL	Sensoric
JSK 42 K0 20 35 AA	150	13°	152	20	126	E1 55R-01 1245	Z	J	-
JSK 42 K0 20 87 AA	150	13°	152	20	126	E1 55R-01 1245	W+LT*1P*	J	-
JSK 42 K0 20 U3 AA	150	13°	152	20	131	E1 55R-01 1245	LT*5P* ST	J	-
JSK 42 K0 20 BS AA	150	13°	152	20	131	E1 55R-01 1245	LT*5P* MB	J	-
JSK 42 K0 20 DO CL	150	13°	152	20	131	E1 55R-01 1245	LT*5P* MAN	K	-
JSK 42 K0 20 G1 AI	150	13°	152	20	131	E1 55R-01 1245	LT*5P* VT/RT	K	-
JSK 42 K0 20 C6 AA	150	13°	152	20	130	E1 55R-01 1245	Z	J	ST*
JSK 42 K0 20 C7 AA	150	13°	152	20	130	E1 55R-01 1245	W	J	ST*
JSK 42 K0 20 M3 BB	150	13°	152	20	130	E1 55R-01 1245	Z	J	MB
JSK 42 K0 20 BC AA	150	13°	152	20	130	E1 55R-01 1245	W+LT*1P*	J	MB
JSK 42 K0 20 P1 AI	150	13°	152	20	130	E1 55R-01 1245	Z	K	VT/RT
JSK 42 K0 20 P4 AI	150	13°	152	20	130	E1 55R-01 1245	W+LT*1P*	K	VT/RT
JSK 42 K0 20 AI AA	150	13°	152	20	131	E1 55R-01 1245	LT*5P* MAN	J	ST*
JSK 42 K0 20 BM BB	150	13°	152	20	131	E1 55R-01 1245	LT*5P* MB	J	MB
JSK 42 K0 20 P2 AI	150	13°	152	20	131	E1 55R-01 1245	LT*5P* VT/RT	K	VT/RT
JSK 42 K0 38 35 AA	185	19°	152	20	124	E1 55R-01 1245	Z	J	-
JSK 42 K0 38 87 AA	185	19°	152	20	124	E1 55R-01 1245	W+LT*1P*	J	-
JSK 42 K0 38 U3 AA	185	19°	152	20	129	E1 55R-01 1245	LT*5P* ST	J	-
JSK 42 K0 38 BS BB	185	19°	152	20	129	E1 55R-01 1245	LT*5P* MB	J	-
JSK 42 K0 38 DO CL	185	19°	152	20	129	E1 55R-01 1245	LT*5P* MAN	K	-
JSK 42 K0 38 G1 AI	185	19°	152	20	129	E1 55R-01 1245	LT*5P* VT/RT	K	-
JSK 42 K0 38 C6 AA	185	19°	152	20	128	E1 55R-01 1245	Z	J	ST*
JSK 42 K0 38 C7 AA	185	19°	152	20	128	E1 55R-01 1245	W	J	ST*
JSK 42 K0 38 M3 BB	185	19°	152	20	128	E1 55R-01 1245	Z	J	MB
JSK 42 K0 38 BC AA	185	19°	152	20	128	E1 55R-01 1245	W+LT*1P*	J	MB
JSK 42 K0 38 P1 AI	185	19°	152	20	128	E1 55R-01 1245	Z	K	VT/RT
JSK 42 K0 38 P4 AI	185	19°	152	20	128	E1 55R-01 1245	W	K	VT/RT
JSK 42 K0 38 AI AA	185	19°	152	20	129	E1 55R-01 1245	LT*5P* MAN	J	ST*
JSK 42 K0 38 BM BB	185	19°	152	20	129	E1 55R-01 1245	LT*5P* MB	J	MB
JSK 42 K0 38 P2 AI	185	19°	152	20	129	E1 55R-01 1245	LT*5P* VT/RT	K	VT/RT
JSK 42 K0 57 35 AA	225	25°	152	20	129	E1 55R-01 1245	Z	J	-
JSK 42 K0 57 87 AA	225	25°	152	20	129	E1 55R-01 1245	W+LT*1P*	J	-
JSK 42 K0 57 U3 AA	225	25°	152	20	133	E1 55R-01 1245	LT*5P* ST	J	-
JSK 42 K0 57 G1 AI	225	25°	152	20	133	E1 55R-01 1245	LT*5P* VT/RT	K	-
JSK 42 K0 57 C6 AA	225	25°	152	20	133	E1 55R-01 1245	Z	J	ST*
JSK 42 K0 57 C7 AA	225	25°	152	20	132	E1 55R-01 1245	W	J	ST*
JSK 42 K0 57 M3 BB	225	25°	152	20	133	E1 55R-01 1245	Z	J	MB
JSK 42 K0 57 BC AA	225	25°	152	20	132	E1 55R-01 1245	W	J	MB
JSK 42 K0 57 P1 AI	225	25°	152	20	133	E1 55R-01 1245	Z	K	VT/RT
JSK 42 K0 57 P4 AI	225	25°	152	20	132	E1 55R-01 1245	W	K	VT/RT
JSK 42 K0 57 AI AA	225	25°	152	20	133	E1 55R-01 1245	LT*5P* ST	J	ST*
JSK 42 K0 57 P2 AI	225	25°	152	20	133	E1 55R-01 1245	LT*5P* VT	J	VT*
JSK 42 K0 70 35 AA	250	27°	152	20	134	E1 55R-01 1245	Z	J	-
JSK 42 K0 70 87 AA	250	27°	152	20	134	E1 55R-01 1245	W+LT*1P*	J	-
JSK 42 K0 70 U3 AA	250	27°	152	20	138	E1 55R-01 1245	LT*5P* ST	J	-
JSK 42 K0 70 BS BB	250	27°	152	20	138	E1 55R-01 1245	LT*5P* MB	J	-
JSK 42 K0 70 DO CL	250	27°	152	20	138	E1 55R-01 1245	LT*5P* MAN	J	-
JSK 42 K0 70 G1 AI	250	27°	152	20	138	E1 55R-01 1245	LT*5P* VT/RT	J	-
JSK 42 K0 70 M3 BB	250	27°	152	20	137	E1 55R-01 1245	Z	J	MB
JSK 42 K0 70 BC AA	250	27°	152	20	137	E1 55R-01 1245	W	J	MB
JSK 42 K0 70 P1 AI	250	27°	152	20	137	E1 55R-01 1245	Z	K	VT/RT
JSK 42 K0 70 P4 AI	250	27°	152	20	137	E1 55R-01 1245	W	K	VT/RT
JSK 42 K0 70 AI AA	250	27°	152	20	138	E1 55R-01 1245	LT*5P* ST	J	ST*
JSK 42 K0 70 P2 AI	250	27°	152	20	138	E1 55R-01 1245	LT*5P* VT	J	VT

Explanatory notes for the selection tables please refer to page 15.

Mounting instructions at www.jost-world.com

JSK 42 Plate mounting

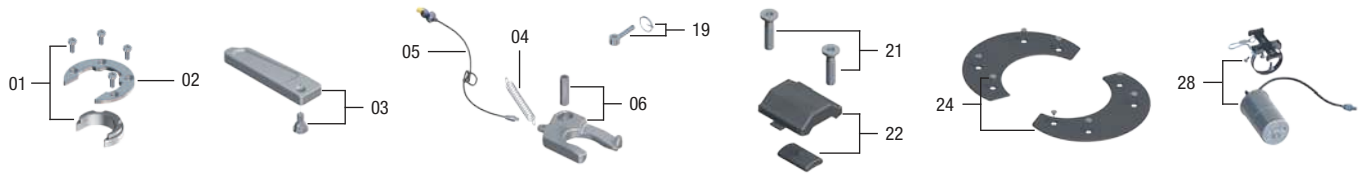
Spare parts



Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolt		SKE001009720	1
04	Tension spring		SK 847	1
05	Lubrication line	with cable tie	SK 3108-02	1
06	Lock jaw	with 04 + 05	SK 3221-52 Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE001440000	1
09	Short handle	with 08, L = 220 mm	SKE001390020	1
09	Long handle	with 08, L = 390 mm	SKE001390120	1
10	Lever kit	with 11 + 12	SKE001380020	1
11	Lever spring		SKE001009800	1
12	Lever bolts		SKE001750020	1

Item	Description	Remark	Order No.	per JSK
14	Lever	with 15	SKE001620020	1
15	Lever bolt		SKE001650020	1
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740220	1
21	Bridge bolt		SKE001011400	4
22	Collar	with 21	SKE001370020	2
23	Bridge	with 21	SKE001530220	2
24	Plastic top plate liner with screws (8x)		SKE001007020	1
25	Pedestal BH 150 (ISO)	with 21	SKE001005620	2
25	Pedestal BH 185 (ISO)	with 21	SKE001005720	2
25	Pedestal BH 225 (ISO)	with 21	SKE001005820	2
25	Pedestal BH 250 (ISO)	with 21	SKE001005920	2

Repair and retrofit kits



Item	Description	Order No.
01, 02, 03, 04, 05, 06, 19	Repair kit for lock	SKE001640020
21, 22	Repair kit for bearing	SKE001370220

Item	Description	Order No.
24	Repair kit for plastic top plate liner with screws	SKE001007020
01, 02, 06, 28	Repair kit for LT*1P* compl.	SKE004070100

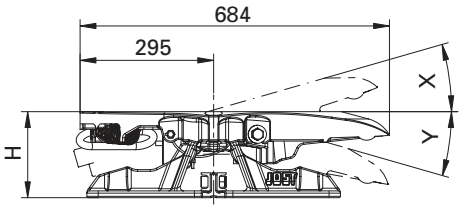
Spare parts for Sensoric/SKS/KKS please refer to Sensoric/SKS/KKS.
Spare parts for LubeTronic 5Point please refer to LubeTronic 5Point.

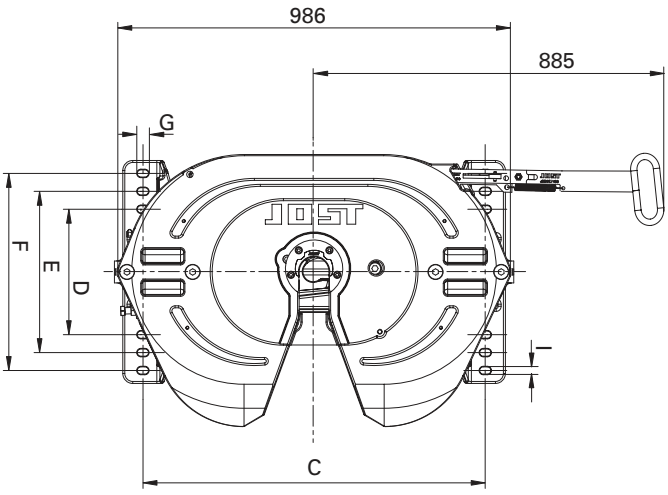
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 42 K2 – K6
Frame mounting

Advantages at a glance

- Light 2" fifth wheel cast coupling with slide bearing
- For fitting to the frame or subframe of the tractor without a mounting plate
- Low-maintenance version with plastic top plate liner and a lubricating point for the lock





available with

FlashTronic LubeTronic Sensoric SKS AUTO

Hole pattern

LB	Tractor	C	D	E	F	G	I
K2	MAN	880	304.5	406	507.5	42	18
K3	Mercedes-Benz	860	300.0	-	500.0	40	22
K6	IVECO	859	315.0	405	495.0	28	18

Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Selection table/Versions available see next page

Mounting instructions at www.jost-world.com

JSK 42 K2 – K6 Frame mounting

Selection table / Versions available

Frame mounting

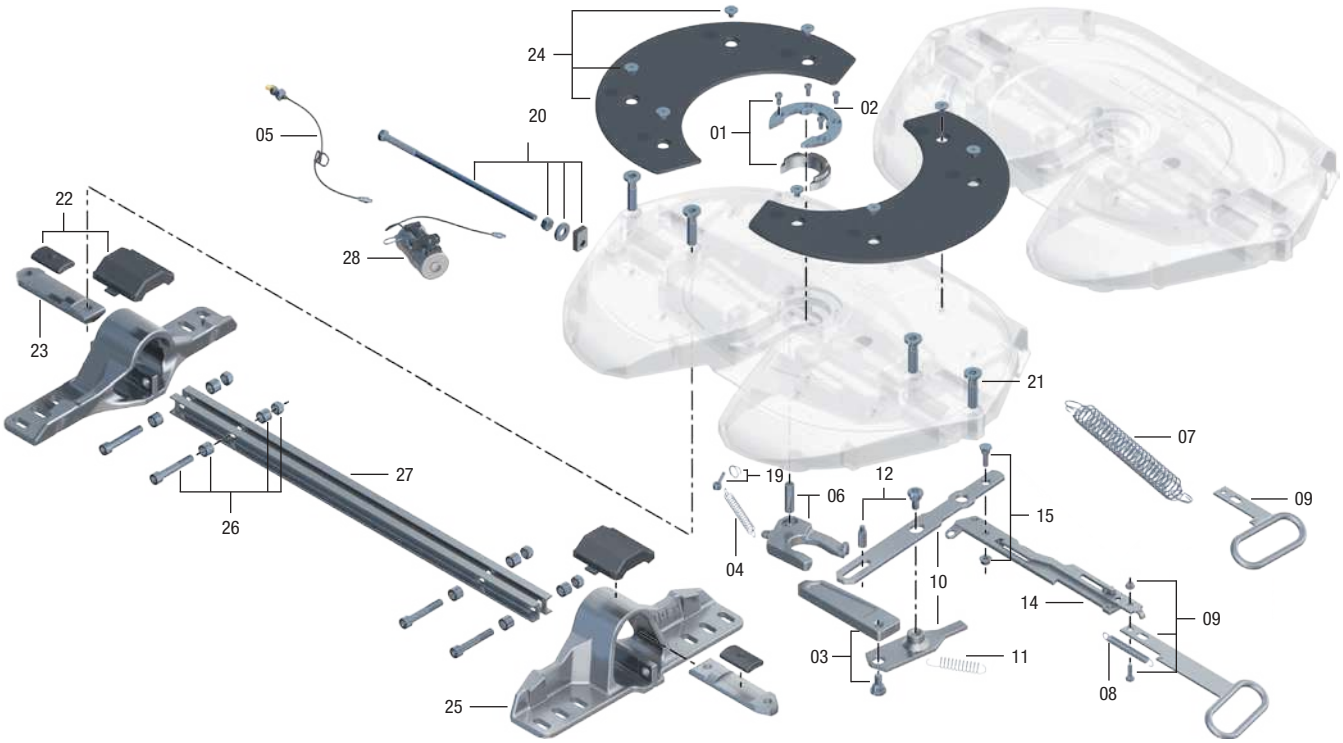
Order No.	LB	H (mm)	X/Y	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL	Sensoric	SKS
JSK 42 K2 20 39 AA	K2	150	13°	152	20	130	E1 55R-01 1245	W	J	-	-
JSK 42 K2 20 O1 CL	K2	150	13°	152	20	134	E1 55R-01 1245	LT*5P* MAN	K	-	-
JSK 42 K2 20 AI AA	K2	150	13°	152	20	134	E1 55R-01 1245	LT*5P* MAN	J	ST*	-
JSK 42 K2 20 CW AA	K2	150	13°	152	20	135	E1 55R-01 1245	LT*5P* MAN	J	-	ST
JSK 42 K3 20 35 AA	K3	150	13°	152	20	128	E1 55R-01 1245	Z	J	-	-
JSK 42 K3 20 39 AA	K3	150	13°	152	20	128	E1 55R-01 1245	W	J	-	-
JSK 42 K6 20 35 AA	K6	150	13°	152	20	128	E1 55R-01 1245	Z	J	-	-
JSK 42 K6 20 39 AA	K6	150	13°	152	20	128	E1 55R-01 1245	W	J	-	-
JSK 42 K2 40 35 AA	K2	190	16°	152	20	136	E1 55R-01 1245	Z	J	-	-
JSK 42 K2 40 39 AA	K2	190	16°	152	20	136	E1 55R-01 1245	W	J	-	-
JSK 42 K2 40 DO CL	K2	190	16°	152	20	140	E1 55R-01 1245	LT*5P* MAN	K	-	-
JSK 42 K2 40 AI AA	K2	190	16°	152	20	140	E1 55R-01 1245	LT*5P* MAN	J	ST*	-
JSK 42 K2 40 CW AA	K2	190	16°	152	20	141	E1 55R-01 1245	LT*5P* MAN	K	-	ST
JSK 42 K2 40 C7 AA	K2	190	16°	152	20	137	E1 55R-01 1245	W	J	ST*	-
JSK 42 K3 40 35 AA	K3	190	16°	152	20	132	E1 55R-01 1245	Z	J	-	-
JSK 42 K3 40 39 AA	K3	190	16°	152	20	132	E1 55R-01 1245	W	J	-	-
JSK 42 K6 40 35 AA	K6	190	16°	152	20	132	E1 55R-01 1245	Z	J	-	-
JSK 42 K6 40 39 AA	K6	190	16°	152	20	132	E1 55R-01 1245	W	J	-	-
JSK 42 K6 40 DA AA	K6	190	16°	152	20	138	E1 55R-01 1245	LT*5P* ST	J	ST	-
JSK 42 K6 40 EC AA	K6	190	16°	152	20	136	E1 55R-01 1245	Z	J	ST	-
JSK 42 K2 57 34 AA	K2	225	25°	152	20	138	E1 55R-01 1245	Z	K	-	-
JSK 42 K2 57 39 AA	K2	225	25°	152	20	138	E1 55R-01 1245	W	J	-	-
JSK 42 K2 57 DO CL	K2	225	25°	152	20	144	E1 55R-01 1245	LT*5P* MAN	K	-	-
JSK 42 K2 57 AI AA	K2	225	25°	152	20	144	E1 55R-01 1245	LT*5P* MAN	J	ST*	-
JSK 42 K2 57 C7 AA	K2	225	25°	152	20	139	E1 55R-01 1245	W	J	ST*	-
JSK 42 K3 57 35 AA	K3	225	25°	152	20	134	E1 55R-01 1245	Z	J	-	-
JSK 42 K3 57 39 AA	K3	225	25°	152	20	134	E1 55R-01 1245	W	J	-	-
JSK 42 K6 57 35 AA	K6	225	25°	152	20	135	E1 55R-01 1245	Z	J	-	-
JSK 42 K6 57 39 AA	K6	225	25°	152	20	135	E1 55R-01 1245	W	J	-	-
JSK 42 K6 57 CV AA	K6	225	25°	152	20	135	E1 55R-01 1245	LT*5P* ST	J	EV	-
JSK 42 K6 57 C6 AA	K6	225	25°	152	20	139	E1 55R-01 1245	Z	J	ST*	-
JSK 42 K6 57 C7 AA	K6	225	25°	152	20	139	E1 55R-01 1245	W	J	ST*	-
JSK 42 K6 57 F5 AA	K6	225	25°	152	20	135	E1 55R-01 1245	W+LT*1P*	J	EV	-
JSK 42 K6 57 DA AA	K6	225	25°	152	20	140	E1 55R-01 1245	LT*5P* ST	J	ST	-

Explanatory notes for the selection tables please refer to page 15.

Mounting instructions at www.jost-world.com

JSK 42 K2 – K6 Frame mounting

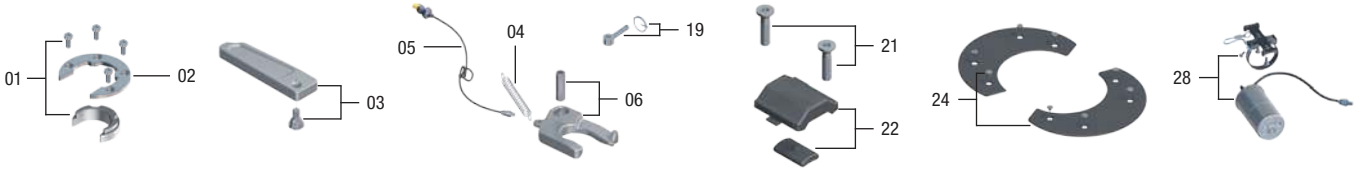
Spare parts



Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolt		SKE001009720	1
04	Tension spring		SK 847	1
05	Lubrication line	with cable tie	SK 3108-02	1
06	Lock jaw	with 04 + 05	SK 3221-52 Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE001440000	1
09	Short handle	with 08, L = 220 mm	SKE001390020	1
09	Long handle	with 08, L = 390 mm	SKE001390120	1
10	Lever kit	with 11 + 12	SKE001380020	1
11	Lever spring		SKE001009800	1
12	Lever bolts		SKE001750020	1
14	Lever	with 15	SKE001620020	1
15	Lever bolt		SKE001650020	1
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740220	1

Item	Description	Remark	Order No.	per JSK
21	Bridge bolt		SKE001011400	4
22	Collar	with 21	SKE001370020	2
23	Bridge	with 21	SKE001530220	2
24	Plastic top plate liner with screws (8x)		SKE001007020	1
25	Pedestal BH 150 (K2)	with 21	SKE001500020	2
25	Pedestal BH 150 (K3)	with 21	SKE001500120	2
25	Pedestal BH 150 (K6)	with 21	SKE001500320	2
25	Pedestal BH 190 (K2)	with 21	SKE001510020	2
25	Pedestal BH 190 (K3)	with 21	SKE001510120	2
25	Pedestal BH 190 (K6)	with 21	SKE001510320	2
25	Pedestal BH 225 (K2)	with 21	SKE001520020	2
25	Pedestal BH 225 (K3)	with 21	SKE001520120	2
25	Pedestal BH 225 (K6)	with 21	SKE001520320	2
26	Set of traverse screws		SKE002770020	1
27	Traverses BH 150 (K2)	with 26	SKE001570020	1
27	Traverses BH 190/225 (K2)	with 26	SKE001590020	1
27	Traverses (K3/K6)	with 26	SKE001010120	1

Repair and retrofit kits



Item	Description	Order No.
01, 02, 03, 04, 05, 06, 19	Repair kit for lock	SKE001640020
21, 22	Repair kit for bearing	SKE001370220

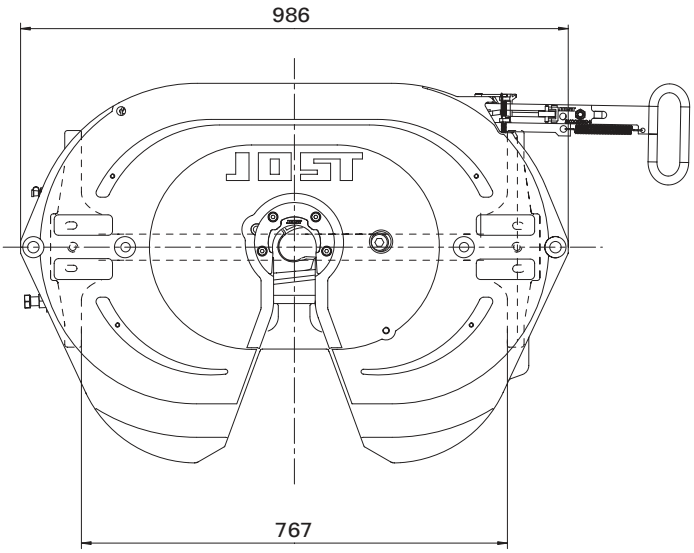
Item	Description	Order No.
24	Repair kit for plastic top plate liner with screws	SKE001007020
01, 02, 06, 28	Repair kit for LT*1P* compl.	SKE004070100

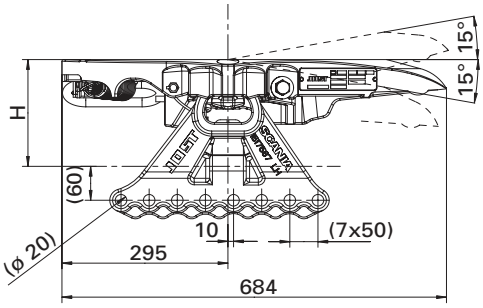
Repair instructions at www.jost-world.com

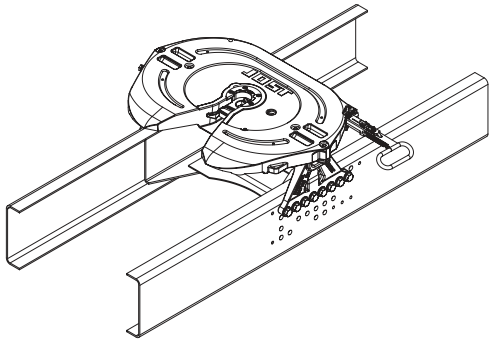
Fifth wheel couplings · JSK 42 K7 (Scania) – Frame mounting

Advantages at a glance

- Light 2" fifth wheel cast coupling with slide bearing
- For fitting to the frame or subframe of Scania of the tractor without a mounting plate
- **Additional latch on the handle as standard**
- Low-maintenance version with plastic top plate liner and a lubricating point for the lock







Selection table / Versions available

Frame mounting

Order No.	H (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL
JSK 42 K7 40 34 AA	190	152	20	133	E1 55R-01 1245	Z	K
JSK 42 K7 40 38 AA	190	152	20	133	E1 55R-01 1245	W	K
JSK 42 K7 57 34 AA	225	152	20	136	E1 55R-01 1245	Z	K
JSK 42 K7 57 38 AA	225	152	20	136	E1 55R-01 1245	W	K

Explanatory notes for the selection tables please refer to page 15.

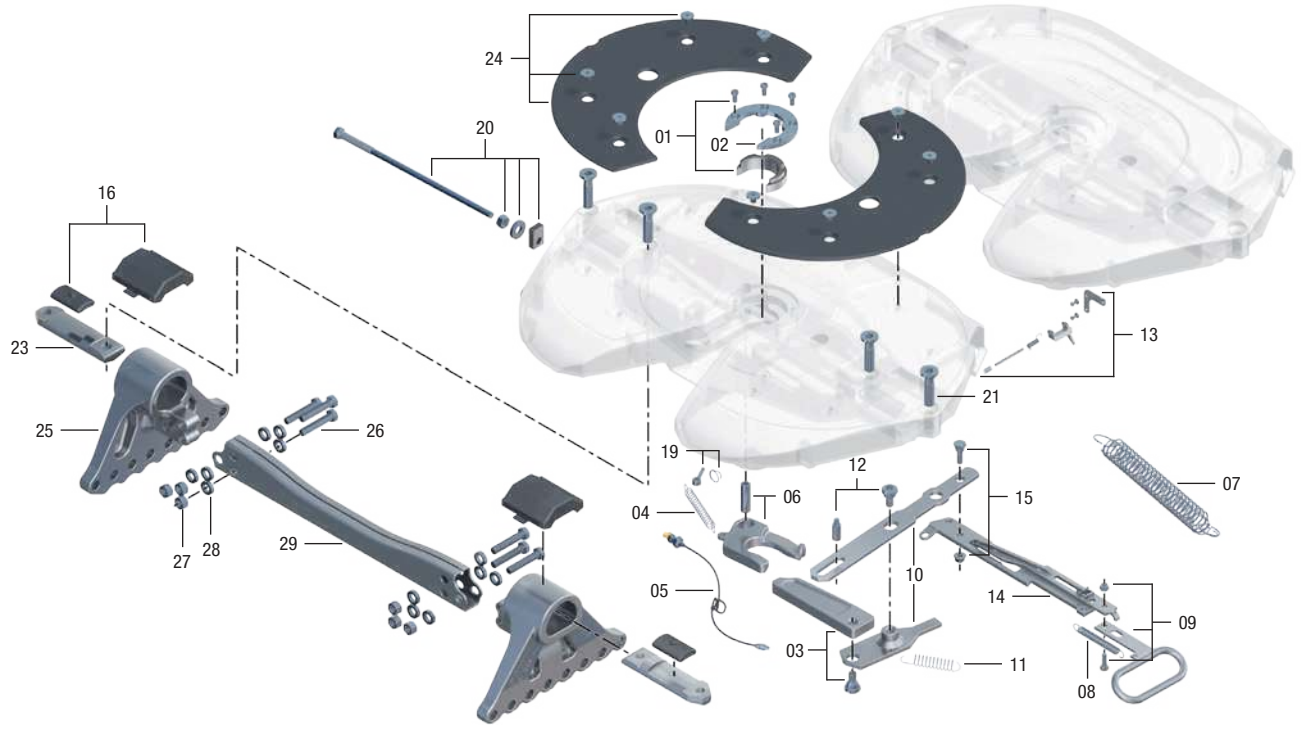
Technical Specification

Suitable for 2" king pins (class G50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Mounting instructions at www.jost-world.com

JSK 42 K7 (Scania) – Frame mounting

Spare parts

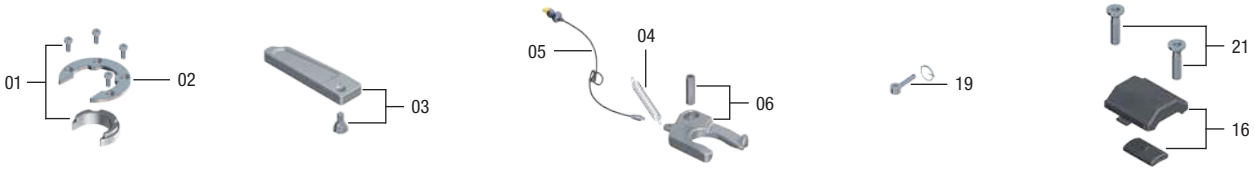


Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolt		SKE001009720	1
04	Tension spring		SK 847	1
05	Lubrication line	with cable tie	SK 3108-02	1
06	Lock jaw	with 04 + 05	SK 3221-52 Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE001440000	1
09	Short handle Scania	with 08	SKE001390220	1
10	Lever kit	with 11 + 12	SKE001380020	1
11	Lever spring		SKE001009800	1
12	Lever bolts		SKE001750020	1
13	Latch	with 2 blind rivets	SKE003080020	1
14	Lever for JSK 42 K7	with 15	SKE001620120	1
15	Lever bolt		SKE001650020	1
16	Collars with rubber cushion**	compl. with 21	SKE001940001	1

Item	Description	Remark	Order No.	per JSK
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740220	1
21	Bridge bolt		SKE001011400	4
23	Bridge	with 21	SKE002420120	1
24	Plastic top plate liner with screws (8x)		SKE002750020	1
25	Pedestal BH 190 (K7) left	compl. with 21	SKE001870000	1
25	Pedestal BH 190 (K7) right	compl. with 21	SKE001880000	1
25	Pedestal BH 225 (K7) left	compl. with 21	SKE001840000	1
25	Pedestal BH 225 (K7) right	compl. with 21	SKE001850000	1
26	Hexagon bolt*	ISO 4017-M16x80-10.9	SC 1523992	-
27	Hexagon nut*	ISO 4032-M16-10	SC 1387576	-
28	Washer*	ISO 7089-16-300 HV	SC 807329	-
29	Traverse set (K7)		SKE001860001	1

* purchase from Scania
** consists of a right (closed) and a left (open) collar, two rubber cushions and four bridge bolts

Repair and retrofit kits



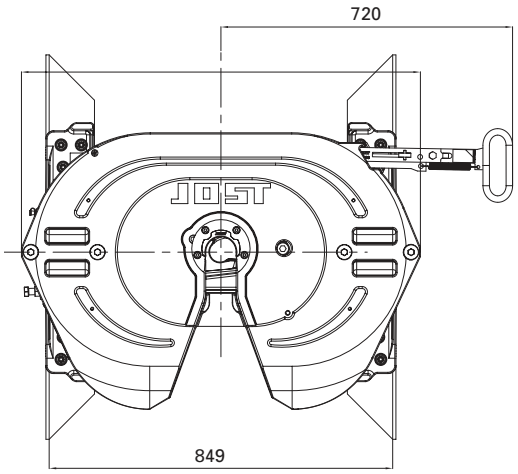
Item	Description	Order No.
01, 02, 03, 04, 05, 06, 19	Repair kit for lock	SKE001640020
16, 21	Repair kit for bearing	SKE001940001

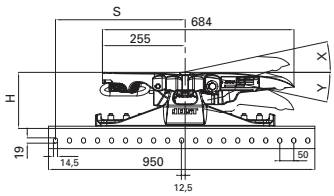
Repair instructions at www.jost-world.com

Fifth wheel couplings · JSK 42 K8 (Volvo) Frame mounting

Advantages at a glance

- Light 2" fifth wheel cast coupling with slide bearing
- **For fitting to the frame or subframe of Volvo of the tractor without a mounting plate**
- Low-maintenance version with plastic top plate liner and LubeTronic *1Point* for automatic lubrication of lock jaw





For using sensor coupling versions VT, the truck has to be prepared ex factory for sensors by the manufacturer.

available with

FlashTronic LubeTronic Sensoric

Selection table / Versions available

Order No.	H (mm)	X	Y	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	Hole pattern versions*	ZL	Sensoric
JSK 42 K8 21 89 AA	160	8°	11°	152	20	146	E1 55R-01 1245	Z	F	K	-
JSK 42 K8 21 88 AA	160	8°	11°	152	20	146	E1 55R-01 1245	Z	E	K	-
JSK 42 K8 21 F4 AI	160	8°	11°	152	20	148	E1 55R-01 1245	W+LT*1P*	F	K	-
JSK 42 K8 21 F3 AI	160	8°	11°	152	20	148	E1 55R-01 1245	W+LT*1P*	E	K	-
JSK 42 K8 21 F8 AI	160	8°	11°	152	20	155	E1 55R-01 1245	LT*5P*	F	K	-
JSK 42 K8 21 F7 AI	160	8°	11°	152	20	155	E1 55R-01 1245	LT*5P*	E	K	-
JSK 42 K8 21 03 AI	160	8°	11°	152	20	146	E1 55R-01 1245	Z	F	K	VT
JSK 42 K8 21 04 AI	160	8°	11°	152	20	146	E1 55R-01 1245	Z	E	K	VT
JSK 42 K8 21 09 AI	160	8°	11°	152	20	148	E1 55R-01 1245	W+LT*1P*	F	K	VT
JSK 42 K8 21 P0 AI	160	8°	11°	152	20	148	E1 55R-01 1245	W+LT*1P*	E	K	VT
JSK 42 K8 21 07 AI	160	8°	11°	152	20	149	E1 55R-01 1245	LT*5P*	F	K	VT
JSK 42 K8 21 08 AI	160	8°	11°	152	20	149	E1 55R-01 1245	LT*5P*	E	K	VT
JSK 42 K8 44 89 AA	200	17°	16°	152	20	153	E1 55R-01 1245	Z	F	K	-
JSK 42 K8 44 88 AA	200	17°	16°	152	20	153	E1 55R-01 1245	Z	E	K	-
JSK 42 K8 44 F4 AI	200	17°	16°	152	20	154	E1 55R-01 1245	W+LT*1P*	F	K	-
JSK 42 K8 44 F3 AI	200	17°	16°	152	20	154	E1 55R-01 1245	W+LT*1P*	E	K	-
JSK 42 K8 44 F8 AI	200	17°	16°	152	20	155	E1 55R-01 1245	LT*5P*	F	K	-
JSK 42 K8 44 F7 AI	200	17°	16°	152	20	155	E1 55R-01 1245	LT*5P*	E	K	-
JSK 42 K8 44 03 AI	200	17°	16°	152	20	153	E1 55R-01 1245	Z	F	K	VT
JSK 42 K8 44 04 AI	200	17°	16°	152	20	153	E1 55R-01 1245	Z	E	K	VT
JSK 42 K8 44 09 AI	200	17°	16°	152	20	155	E1 55R-01 1245	W+LT*1P*	F	K	VT
JSK 42 K8 44 P0 AI	200	17°	16°	152	20	155	E1 55R-01 1245	W+LT*1P*	E	K	VT
JSK 42 K8 44 07 AI	200	17°	16°	152	20	156	E1 55R-01 1245	LT*5P*	F	K	VT
JSK 42 K8 44 08 AI	200	17°	16°	152	20	156	E1 55R-01 1245	LT*5P*	E	K	VT
JSK 42 K8 58 89 AA	230	24°	23°	152	20	158	E1 55R-01 1245	Z	F	K	-
JSK 42 K8 58 88 AA	230	24°	23°	152	20	158	E1 55R-01 1245	Z	E	K	-
JSK 42 K8 58 F4 AI	230	24°	23°	152	20	159	E1 55R-01 1245	W+LT*1P*	F	K	-
JSK 42 K8 58 F3 AI	230	24°	23°	152	20	159	E1 55R-01 1245	W+LT*1P*	E	K	-
JSK 42 K8 58 F8 AI	230	24°	23°	152	20	160	E1 55R-01 1245	LT*5P*	F	K	-
JSK 42 K8 58 F7 AI	230	24°	23°	152	20	160	E1 55R-01 1245	LT*5P*	E	K	-
JSK 42 K8 58 03 AI	230	24°	23°	152	20	158	E1 55R-01 1245	Z	F	K	VT
JSK 42 K8 58 04 AI	230	24°	23°	152	20	158	E1 55R-01 1245	Z	E	K	VT
JSK 42 K8 58 09 AI	230	24°	23°	152	20	160	E1 55R-01 1245	W+LT*1P*	F	K	VT
JSK 42 K8 58 P0 AI	230	24°	23°	152	20	160	E1 55R-01 1245	W+LT*1P*	E	K	VT
JSK 42 K8 58 07 AI	230	24°	23°	152	20	161	E1 55R-01 1245	LT*5P*	F	K	VT
JSK 42 K8 58 08 AI	230	24°	23°	152	20	161	E1 55R-01 1245	LT*5P*	E	K	VT

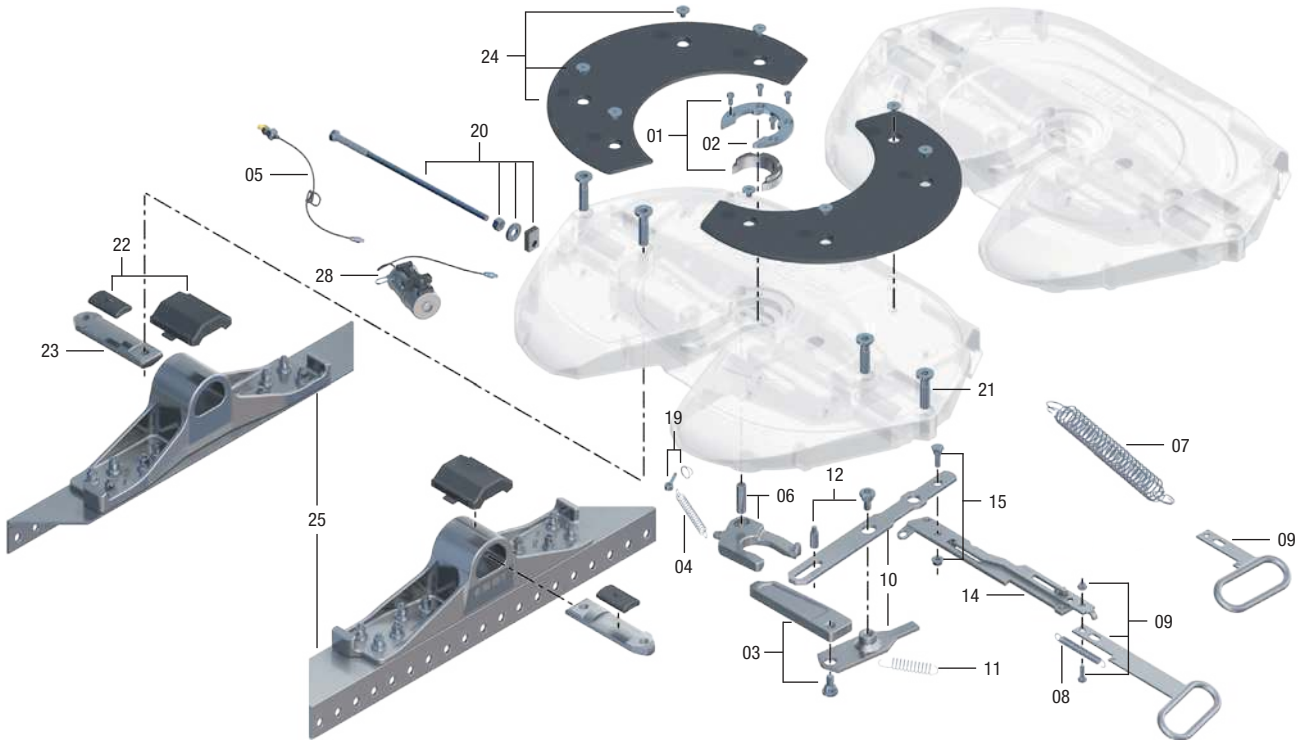
* The E series can be converted to the F series (and vice versa) by switching the right and left pedestals to the opposite side. This causes the fifth wheel coupling to be displaced by 25 mm in relation to the attachment hole pattern of the tractor.

Mounting instructions at www.jost-world.com

Explanatory notes for the selection tables please refer to page 15.

JSK 42 K8 (Volvo) Frame mounting

Spare parts

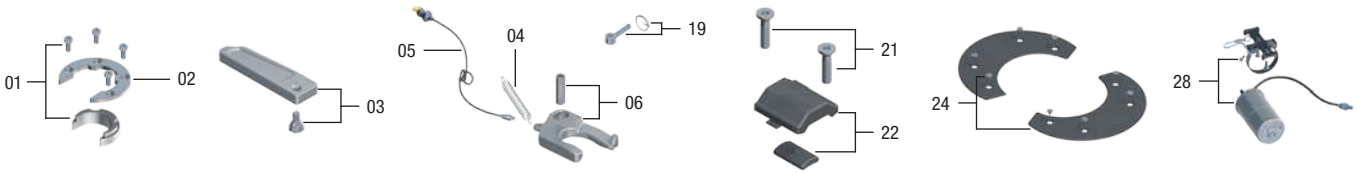


Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolt		SKE001009720	1
04	Tension spring		SK 847	1
05	Lubrication line	with cable tie	SK 3108-02	1
06	Lock jaw	with 04 + 05	SK 3221-52 Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE001440000	1
09	Short handle	with 08, L = 220 mm	SKE001390300	1
09	Long handle	with 08, L = 390 mm	SKE001390400	1
10	Lever kit	with 11 + 12	SKE001380020	1
11	Lever spring		SKE001009800	1
12	Lever bolts		SKE001750020	1

Item	Description	Remark	Order No.	per JSK
14	Lever	with 15	SKE001620020	1
15	Lever bolt		SKE001650020	1
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740220	1
21	Bridge bolt		SKE001011400	4
22	Collars with rubber cushion**	with 21	SKE001940001	1
23	Bridge	with 21	SKE001530220	2
24	Plastic top plate liner with screws (8x)		SKE001007020	1
25	Pedestals BH 160 (K8)*	with 21	SKE004240101	1
25	Pedestals BH 200 (K8)*	with 21	SKE004240301	1
25	Pedestals BH 230 (K8)*	with 21	SKE004240501	1

* consists of a right and left pedestal and four bridge bolt
** consists of a right (closed) and a left (open) collar, two rubber cushions and four bridge bolts

Repair and retrofit kits



Item	Description	Order No.
01, 02, 03, 04, 05, 06, 19	Repair kit for lock	SKE001640020
21, 22**	Repair kit for bearing	SKE001940001
24	Repair kit for plastic top plate liner with screws	SKE001007020
01, 02, 06, 28	Repair kit for LT*1P* compl.	SKE004070100

** consists of a right (closed) and a left (open) collar, two rubber cushions and four bridge bolts

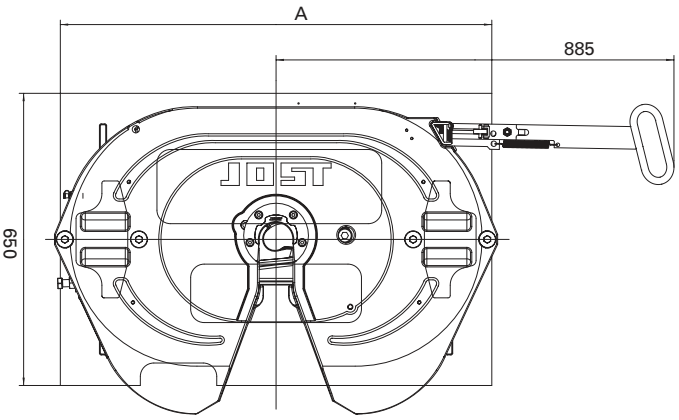
Spare parts for Sensoric please refer to Sensor couplings.
Spare parts for LubeTronic 5Point please refer to LubeTronic 5Point.

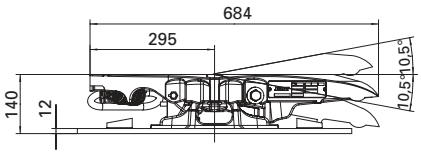
Repair instructions at www.jost-world.com

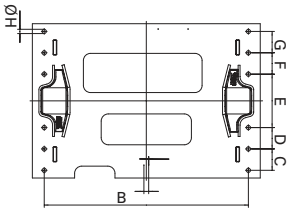
Fifth wheel couplings · JSK 42 MK 140

Advantages at a glance

- Especially light 2" fifth wheel cast coupling with slide bearing for long-distance transport
- Very low mounting height
- **Flashtronic as standard (EV)**
- Optimised for stability
- With integrated mounting plate
- Low-maintenance version with plastic top plate liner and a lubricating point for the lock







available with

LubeTronic 1P Sensoric FlashTronic

Selection table / Versions available

Order No.	H (mm)	A (mm)	Imposed load U (t)	D value (kN)	Customer hole pattern	Weight (kg)	Approval (EG) Fifth wheel Coupling	WA	ZL	Sensoric
JSK 42 MK 15 G2 AA	140	960	15	126	without hole pattern	158	E1 55R-01 1245	W	J	EV
JSK 42 MK 15 G3 AA	140	960	15	126	without hole pattern	158	E1 55R-01 1245	Z	J	EV
JSK 42 MK 15 G4 AA	140	1050	15	126	without hole pattern	164	E1 55R-01 1245	W	J	EV
JSK 42 MK 15 G5 AA	140	1050	15	126	without hole pattern	164	E1 55R-01 1245	Z	J	EV
JSK 42 MK 15 G8 AA	140	960	15	126	DAF	158	E1 55R-01 1245	W	J	EV
JSK 42 MK 15 G9 AA	140	960	15	126	DAF	158	E1 55R-01 1245	Z	J	EV
JSK 42 MK 15 N6 EE	140	1010	15	126	Mercedes-Benz*	172	E1 55R-01 1245	Z	J	EV
JSK 42 MK 15 N7 EE	140	1010	15	126	Mercedes-Benz*	172	E1 55R-01 1245	W	J	EV
JSK 42 MK 15 BH AA	140	1010	15	126	Mercedes-Benz*	172	E1 55R-01 1245	W+LT*1P*	J	EV
JSK 42 MK 15 BI AA	140	1010	15	126	Mercedes-Benz*	173	E1 55R-01 1245	W+LT*1P*	J	MB
JSK 42 MK 15 BL BB	140	1010	15	126	Mercedes-Benz*	174	E1 55R-01 1245	LT*5P*	J	EV
JSK 42 MK 15 BU BB	140	1010	15	126	Mercedes-Benz*	175	E1 55R-01 1245	LT*5P*	J	MB
JSK 42 MK 15 H2 AA	140	960	15	126	MAN	158	E1 55R-01 1245	W	J	EV
JSK 42 MK 15 H3 AA	140	960	15	126	MAN	158	E1 55R-01 1245	Z	J	EV
JSK 42 MK 15 H4 AA	140	960	15	126	Scania	158	E1 55R-01 1245	W	J	EV
JSK 42 MK 15 H5 AA	140	960	15	126	Scania	158	E1 55R-01 1245	Z	J	EV

* Actros new (MP 4)

Explanatory notes for the selection tables please refer to page 15.

For using sensor coupling versions MB, the truck has to be prepared ex factory for sensors by the manufacturer.

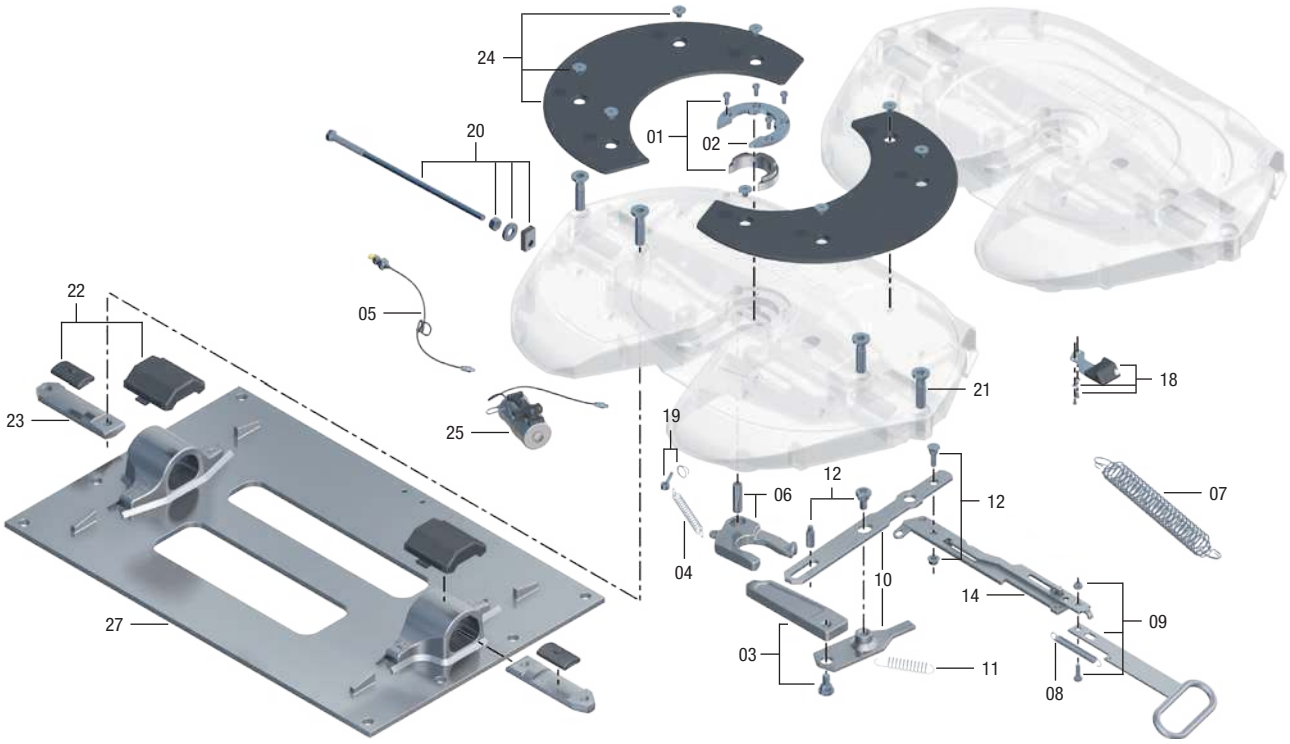
Customer hole pattern

LB	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	ø H (mm)
without hole pattern							
DAF	880	100	100	200	100	100	18
Mercedes-Benz*	949	200	-	200	-	200	21
MAN	880	101.5	101.5	203	101.5	101.5	18
Scania	880	200	-	200	-	200	19

Mounting instructions at www.jost-world.com

JSK 42 MK 140

Spare parts

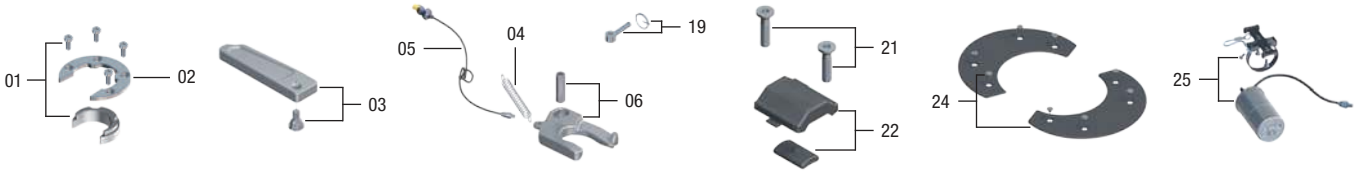


Item	Description	Remark	Order No.	per JSK
01	Wearing part + mount. bolts		SKE001740020	1
02	Mounting ring	with 01	SK 3105-94	1
03	Locking bolt + mount. bolt		SKE001009720	1
04	Tension spring		SK 847	1
05	Lubrication line	with cable tie	SK 3108-02	1
06	Lock jaw	with 04 + 05	SK 3221-52 Z	1
07	Double tension spring		SK 3105-20	1
08	Locking spring		SKE001440000	1
09	Long handle	with 08, L = 390 mm	SKE001390120	1
10	Lever kit	with 11 + 12	SKE001380020	1
11	Lever spring		SKE001009800	1
12	Lever bolt		SKE001750020	1
14	Lever with magnet	with 15	SKE001360600	1
15	Lever bolt		SKE001650020	1
18	Electronic locking display		SKE004350000	1

Item	Description	Remark	Order No.	per JSK
19	Eye bolt	compl.	SK 2122-04	1
20	Adjusting screw with guide		SKE500740220	1
21	Bridge bolt		SKE001011400	4
22	Collars with rubber cushion	with 21	SKE001940001	1
23	Bridge	with 21	SKE001530220	2
24	Plastic top plate liner with screws (8x)		SKE001007020	1
27	Mounting plate without hole pattern	W = 960 mm	MPL02011000 AA	1
27	Mounting plate without hole pattern	W = 1050 mm	MPL02011400 AA	1
27	Mounting plate with hole pattern IVECO		MPL02011021 AA	1
27	Mounting plate with hole pattern DAF		MPL02011022 AA	1
27	Mounting plate with hole pattern Mercedes-Benz*		MPL02080708 AA	1
27	Mounting plate with hole pattern Mercedes-Benz		MPL02011012 AA	1
27	Mounting plate with hole pattern MAN		MPL02011023 AA	1
27	Mounting plate with hole pattern Scania		MPL02011024 AA	1

* Actros new (MP 4)

Repair and retrofit kits



Item	Description	Order No.
01, 02, 03, 04, 05, 06, 19	Repair kit for lock	SKE001640020
21, 22	Repair kit for bearing	SKE001940001**

Repair instructions at www.jost-world.com

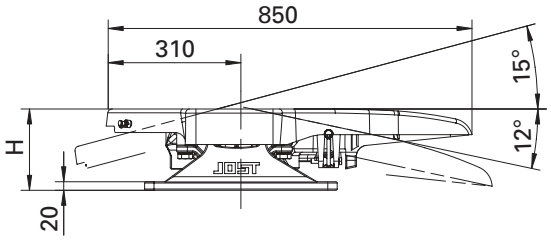
Item	Description	Order No.
24	Repair kit for plastic top plate liner with screws	SKE001007020
01, 02, 06, 25	Repair kit for LT*1P* compl.	SKE004070100

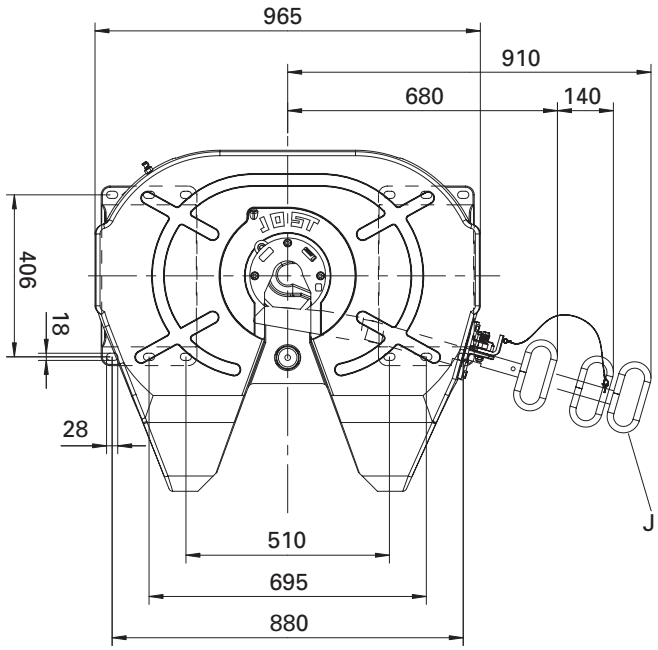
** consists of a right (closed) and a left (open) collar, two rubber cushions and four bridge bolts

Heavy duty – Fifth wheel couplings · JSK 38 C1

Advantages at a glance

- Especially robust heavy duty fifth wheel coupling
- Especially for use on poor road conditions
- Shock-absorbing rubber bearing
- Retrofittable from 2" or 3½" and vice versa





Selection table / Versions available

Order No.	H (mm)	Y	D value (kN)	Lock	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL
JSK 38 C0 21 16 AA*	160	12°	260	3½"	36	184	E1 55R-01 0471	M	K
JSK 38 C0 21 16 DJ*	160	12°	260	3½"	36	184	E1 55R-01 0471	Z	K
JSK 38 C1	190	12°	260	3½"	36	190	E1 55R-01 0471	M	K
JSK 38 C1 Z	190	12°	260	3½"	36	190	E1 55R-01 0471	Z	K
JSK 38 C1 J	190	12°	260	3½"	36	191	E1 55R-01 0471	M	J
JSK 38 C0 40 67 DJ	190	12°	260	3½"	36	191	E1 55R-01 0471	Z	J
JSK 38 C0 40 BR AA	190	12°	260	3½"	36	202	E1 55R-01 0471	LT5P ST	J
JSK 38 C0 40 BV BB	190	12°	260	3½"	36	202	E1 55R-01 0471	LT5P MB	K
JSK 38 C0 40 DP CL	190	12°	260	3½"	36	202	E1 55R-01 0471	LT5P MAN	K
JSK 38 C0 70 16 AA	250	15°	260	3½"	36	205	E1 55R-01 0471	M	K
JSK 38 C0 70 16 DJ	250	15°	260	3½"	36	205	E1 55R-01 0471	Z	K
JSK 38 C0 70 67 AA	250	15°	260	3½"	36	205	E1 55R-01 0471	M	J
JSK 38 C0 70 67 DJ	250	15°	260	3½"	36	205	E1 55R-01 0471	Z	J
JSK 38 C0 70 BR AA	250	15°	260	3½"	36	206	E1 55R-01 0471	LT5P ST	J
JSK 38 C0 70 BV BB	250	15°	260	3½"	36	206	E1 55R-01 0471	LT5P MB	K
JSK 38 C0 70 Q8 AA	250	15°	260	3½"	36	206	E1 55R-01 0471	LT5P MAN	K
JSK 38 C0 21 17 AA*	160	12°	170	2"	28	184	E1 55R-01 0472	M	K
JSK 38 C0 21 17 DJ*	160	12°	170	2"	28	184	E1 55R-01 0472	Z	K
JSK 38 C1-2	190	12°	170	2"	28	190	E1 55R-01 0472	M	K
JSK 38 C1-2Z	190	12°	170	2"	28	190	E1 55R-01 0472	Z	K
JSK 38 C1-2J	190	12°	170	2"	28	191	E1 55R-01 0472	M	J
JSK 38 C1-2ZJ	190	12°	170	2"	28	191	E1 55R-01 0472	Z	J
JSK 38 C0 40 T8 AA	190	12°	170	2"	28	202	E1 55R-01 0472	LT5P ST	K
JSK 38 C0 40 BW BB	190	12°	170	2"	28	202	E1 55R-01 0472	LT5P MB	K
JSK 38 C0 40 DO CL	190	12°	170	2"	28	202	E1 55R-01 0472	LT5P MAN	K
JSK 38 C0 70 17 AA	250	15°	170	2"	28	205	E1 55R-01 0472	M	K
JSK 38 C0 70 17 DJ	250	15°	170	2"	28	205	E1 55R-01 0472	Z	K
JSK 38 C0 70 68 AA	250	15°	170	2"	28	205	E1 55R-01 0472	M	J
JSK 38 C0 70 68 DJ	250	15°	170	2"	28	205	E1 55R-01 0472	Z	J
JSK 38 C0 70 T8 AA	250	15°	170	2"	28	206	E1 55R-01 0472	LT5P ST	K
JSK 38 C0 70 BW BB	250	15°	170	2"	28	206	E1 55R-01 0472	LT5P MB	K

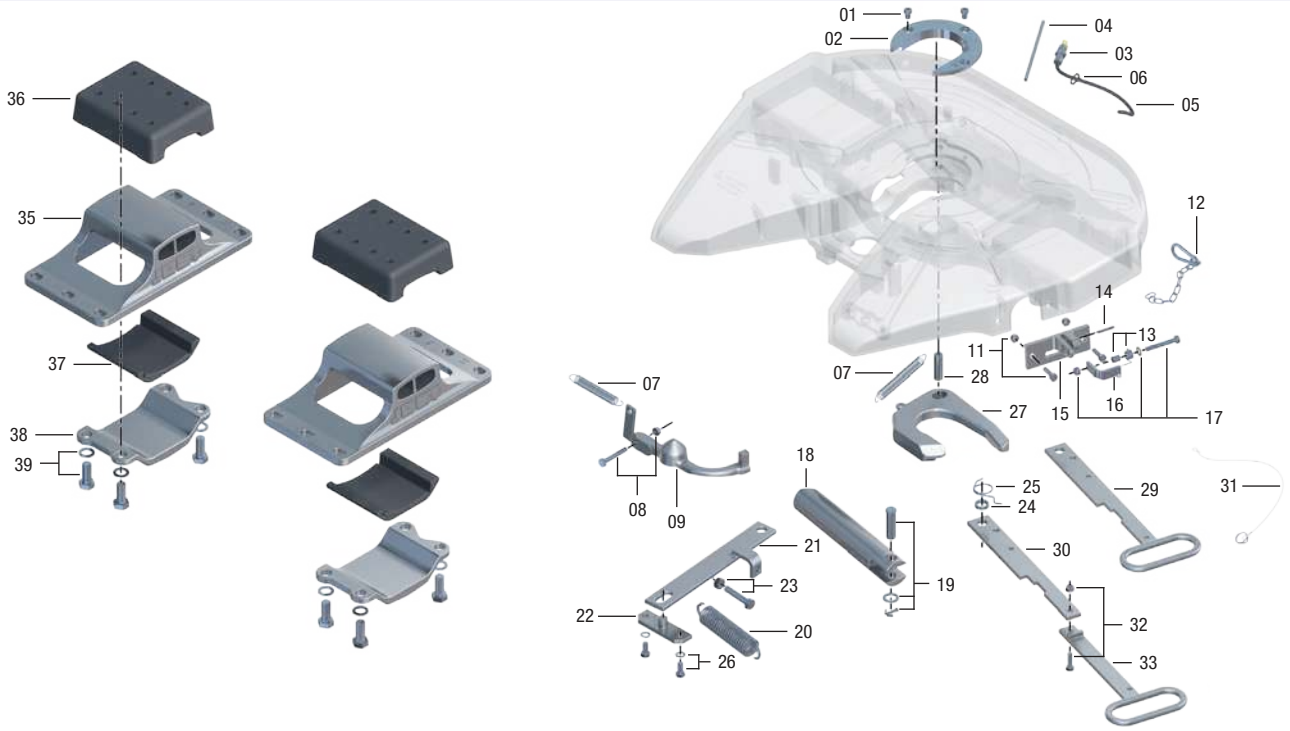
* JSK 38 C is in the mounting height of 160 mm only permissable in combination with mounting plate (mounting unit see JSK 38 MC) and for installation in heavy duty sliders EV HD800-6 (serial no. 2599104 and higher) and EV HD85.

Explanatory notes for the selection tables please refer to page 15.

Mounting instructions at www.jost-world.com

JSK 38 C1 / C1- 2" / ... Z

Spare parts

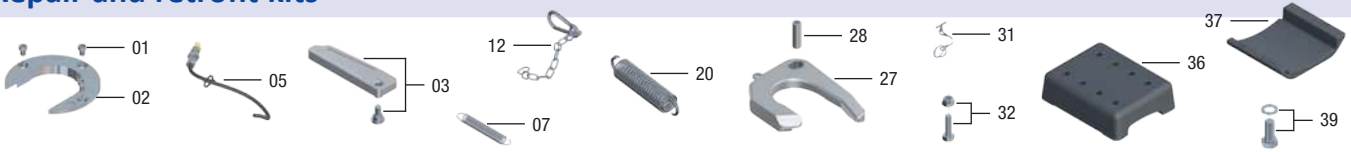


Item	Description	Remark	Order No.	per JSK
01	Socket head bolt		SK 2421-08	3
02	Wearing ring	3½", compl. with 01	SK 2421-56	1
02	Wearing ring	2", compl. with 01	SK 2421-57	1
03	Nut and bolt		SK 1976	1
04	Lubrication tube		SK 2205-12	1
05	Lubrication line	compl. with 06, for type Z	SK 2508-02	1
06	Cable tie		SK 3121-13	1
07	Tension spring		SK 2106-01	2
08	Hexagon bolt	compl.	SK 2421-51	1
09	Latch		SK 2405-27	1
11	Hexagon bolt	compl.	SK 2421-50	2
12	Spring hook	compl. up to xx60xxxxxx	SK 1436	1
13	Spring noose	compl.	SK 2921-30	1
14	Clamping pin		NTE000000400	1
15	Latch holder	compl. with 14	SK 2405-084	1
16	Latch	compl.	SK 3121-52	1
17	Hexagon bolt	compl.	SK 3521-03	1
18	Locking bolt		SK 2405-01	1
19	Bar bolt	compl.	SK 2121-14	1
20	Double tension spring		SK 2405-23	1
21	Lever		SK 2405-04	1
22	Bearing		SK 2405-15	1
23	Hexagon bolt	compl.	SK 2421-52	1

Item	Description	Remark	Order No.	per JSK
24	Washer		SK 2405-19	1
25	Spring noose		SK 2405-09	1
26	Hexagon bolt	compl.	SK 2421-53	2
27	Lock jaw	compl. with 06, 3½" for type M	SK 2405-14	1
27	Lock jaw	compl. with 06, 3½" for type Z	SK 2405-14 Z	1
27	Lock jaw	compl. with 06, 2" for type M	SK 2405-13	1
27	Lock jaw	compl. with 06, 2" for type Z	SK 2405-13 Z	1
28	Bolt		SK 2405-18	1
29	Short handle	for type K	SK 2405-066	1
30	Locking bolt	for type J, from xx63xxxxxx	SK 2405-067	1
31	Latch cord	compl. for type J, from xx63xxxxxx	SK 3521-02	1
32	Hexagon bolt	compl. for type J, from xx63xxxxxx	SK 2421-50	1
33	Long handle	for type J	SK 3105-113	1
35	Pedestal BH 160 (ISO)*		SK 2404-05	2
35	Pedestal BH 190 (ISO)		SK 2404-01	2
35	Pedestal BH 250 (ISO)		SK 2404-04	2
36	Rubber cushion, upper		SK 2006	2
36	Rubber cushion, upper	with steering wedge	SK 2006 L	2
37	Rubber cushion, lower		SK 2007	2
38	Bridge		SK 2005	2
39	Hexagon bolt	compl.	SK 2421-55	8

* Construction with pedestal 160 mm only permissible in combination with mounting plate MP 0119-113, EV HD800-06 or EV HD85.

Repair and retrofit kits



Item	Description	Order No.
01, 02, 07, 12, 20, 27, 28	Repair kit for lock 3½", for type C	SK 2421-76
01, 02, 05, 07, 12, 20, 27, 28	Repair kit for lock 3½", for type CZ	SK 2421-76 Z
01, 02, 07, 12, 20, 27, 28	Repair kit for lock 2", for type C	SK 2421-77
01, 02, 05, 07, 12, 20, 27, 28	Repair kit for lock 2", for type CZ	SK 2421-77 Z
36, 37, 39	Repair kit for bearing, for type C/CZ	SK 2421-78

Repair instructions at www.jost-world.com

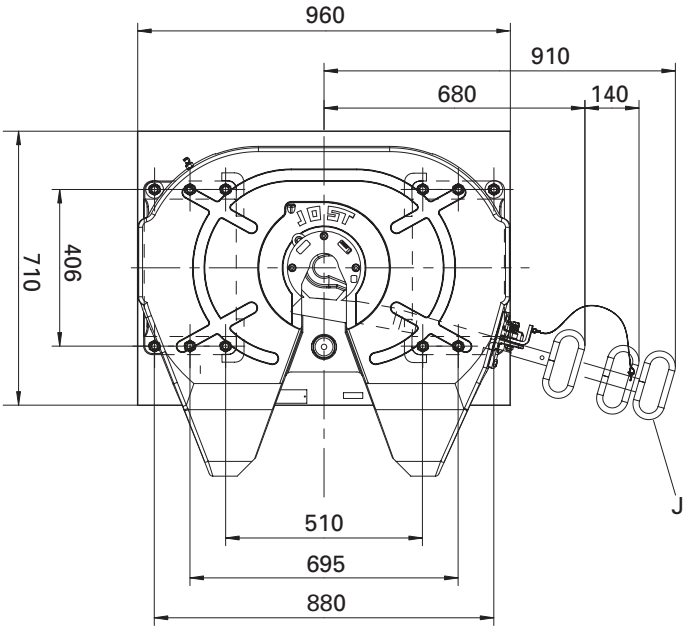
Item	Description	Order No.
01, 02, 07, 27	Conversion kit for lock 3½" in 2", for type C	SK 2421-98
01, 02, 07, 27	Conversion kit for lock 3½" in 2", for type CZ	SK 2421-98 Z
01, 02, 07, 27	Conversion kit for lock 2" in 3½", for type C	SK 2421-99
01, 02, 07, 27	Conversion kit for lock 2" in 3½", for type CZ	SK 2421-99 Z
31, 32	Retrofit kit handle extension compl., for type C/CZ	SK 3121-063

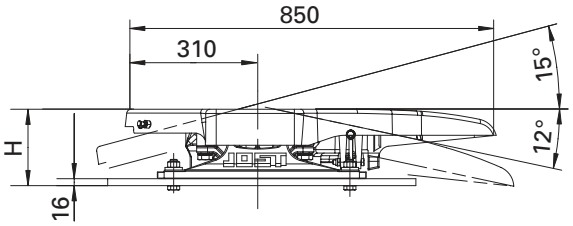
Spare parts for LubeTronic 5Point please refer to LubeTronic 5Point.

Heavy duty – Fifth wheel coupling JSK 38 MC

Advantages at a glance

- Especially robust heavy duty fifth wheel coupling
- Shock-absorbing rubber bearing
- With integrated mounting plate for a low mounting height
- Retrofittable from 2" or 3½" and vice versa





Selection table / Versions available

Order No.	H (mm)	D value (kN)	Lock	Imposed load U (t)	Weight (kg)	Approval (ECE) Fifth wheel couplings	Prüfzeichen (ECE) mounting plates	WA	ZL
JSK 38 MC 34 81 AA	176	260	3½"	36	270	E1 55R-01 0471	E1 55R-01 0951	M	K
JSK 38 MC 34 81 DJ	176	260	3½"	36	270	E1 55R-01 0471	E1 55R-01 0951	Z	K
JSK 38 MC 34 82 AA	176	260	3½"	36	270	E1 55R-01 0471	E1 55R-01 0951	M	J
JSK 38 MC 34 82 DJ	176	260	3½"	36	270	E1 55R-01 0471	E1 55R-01 0951	Z	J
JSK 38 MC 34 90 AA	176	170	2"	28	270	E1 55R-01 0472	E1 55R-01 0951	M	K
JSK 38 MC 34 90 DJ	176	170	2"	28	270	E1 55R-01 0472	E1 55R-01 0951	Z	K
JSK 38 MC 34 91 AA	176	170	2"	28	270	E1 55R-01 0472	E1 55R-01 0951	M	J
JSK 38 MC 34 91 DJ	176	170	2"	28	270	E1 55R-01 0472	E1 55R-01 0951	Z	J

Explanatory notes for the selection tables please refer to page 15.

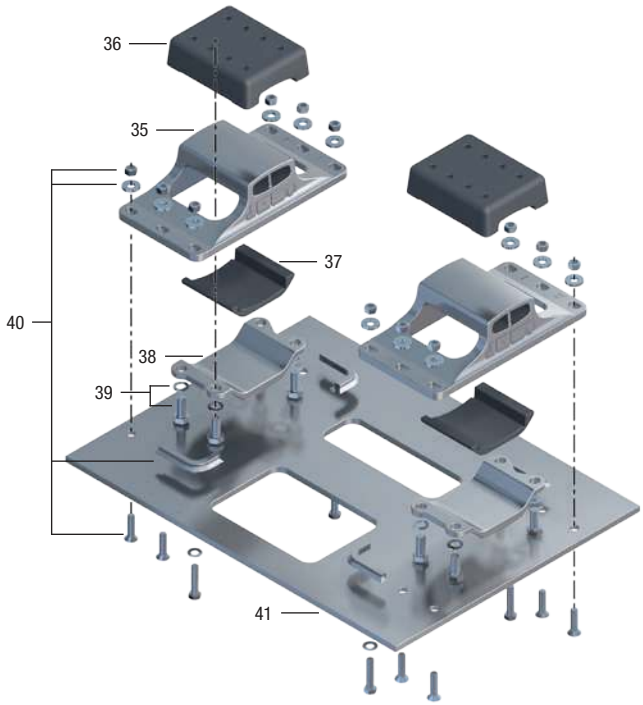
Technical Specification

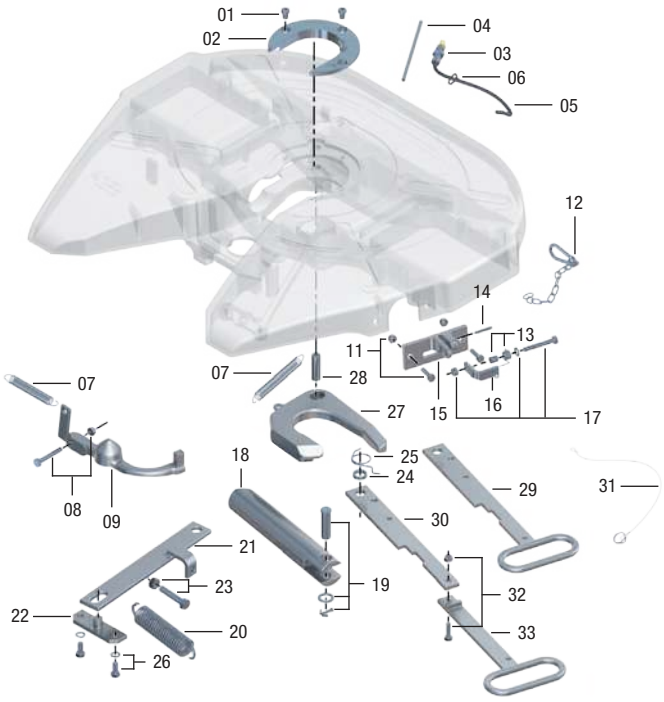
Designed for 2" king pins (50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085 or for 3½" king pins (S) as per ECE R55-01, DIN 74083, ISO 4086.

Mounting instructions at www.jost-world.com

JSK 38 MC / MC- 2" / ... Z

Spare parts



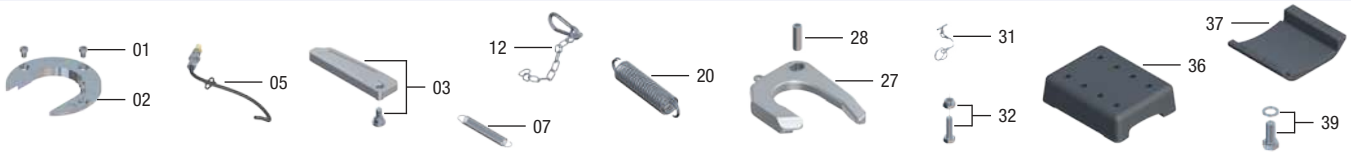


Item	Description	Remark	Order No.	per JSK
01	Socket head bolt		SK 2421-08	3
02	Wearing ring	3½", compl. with 01	SK 2421-56	1
02	Wearing ring	2", compl. with 01	SK 2421-57	1
03	Nut and bolt		SK 1976	1
04	Lubrication tube		SK 2205-12	1
05	Lubrication line	compl. with 06, for type Z	SK 2508-02	1
06	Cable tie		SK 3121-13	1
07	Tension spring		SK 2106-01	2
08	Hexagon bolt	compl.	SK 2421-51	1
09	Stopper		SK 2405-27	1
11	Hexagon bolt	compl.	SK 2421-50	2
12	Spring hook	compl. up to xx60xxxxxx	SK 1436	1
13	Spring noose	compl.	SK 2921-30	1
14	Clamping pin		NTE000000400	1
15	Latch holder	compl. with 14, from xx63xxxxxx	SK 2405-084	1
16	Latch	compl. from xx63xxxxxx	SK 3121-52	1
17	Hexagon bolt	compl. from xx63xxxxxx	SK 3521-03	1
18	Locking bolt		SK 2405-01	1
19	Bar bolt	compl.	SK 2121-14	1
20	Double tension spring		SK 2405-23	1
21	Lever		SK 2405-04	1
22	Bearing		SK 2405-15	1
23	Hexagon bolt	compl.	SK 2421-52	1

Item	Description	Remark	Order No.	per JSK
24	Washer		SK 2405-19	1
25	Spring noose		SK 2405-09	1
26	Hexagon bolt	compl.	SK 2421-53	2
27	Lock jaw	compl. with 06, 3½" for type M	SK 2405-14	1
27	Lock jaw	compl. with 06, 3½" for type Z	SK 2405-14 Z	1
27	Lock jaw	compl. with 06, 2" for type M	SK 2405-13	1
27	Lock jaw	compl. with 06, 2" for type Z	SK 2405-13 Z	1
28	Bolt		SK 2405-18	1
29	Short handle	for type K	SK 2405-066	1
30	Locking bar	for type J, from xx63xxxxxx	SK 2405-067	1
31	Latch cord	compl. for type J, from xx63xxxxxx	SK 3521-02	1
32	Hexagon bolt	compl. for type J, from xx63xxxxxx	SK 2421-50	1
33	Long handle	for type J	SK 3105-113	1
35	Pedestal BH 160 (ISO)*		SK 2404-05	2
36	Rubber cushion, upper		SK 2006	2
37	Rubber cushion, lower		SK 2007	2
38	Bridge		SK 2005-01	2
39	Hexagon bolt	compl.	SK 2421-55	8
40	Fixing kit		SK 2410-019	1
41	Mounting plate		MP 0119-133	1

* Construction with pedestal for mounting height 160 mm only permissible in combination with mounting plate MP 0119-133.

Repair and retrofit kits



Item	Description	Order No.
01, 02, 07, 12, 20, 28, 27	Repair kit for lock 3½", for type C	SK 2421-76
01, 02, 05, 07, 12, 20, 27, 28	Repair kit for lock 3½", for type CZ	SK 2421-76 Z
01, 02, 07, 12, 20, 27, 28	Repair kit for lock 2", for type C	SK 2421-77
01, 02, 05, 07, 12, 20, 27, 28	Repair kit for lock 2", for type CZ	SK 2421-77 Z
01, 02, 07, 27	Conversion kit for lock 3½" in 2", for type C	SK 2421-98

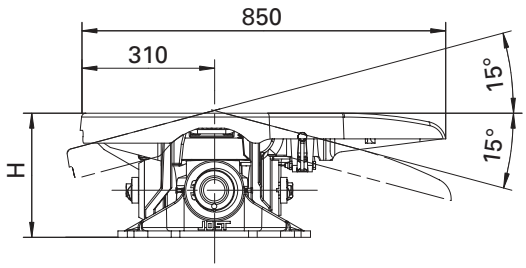
Item	Description	Order No.
01, 02, 07, 27	Conversion kit for lock 2" in 3½", for type C	SK 2421-99
01, 02, 07, 27	Conversion kit for lock 3½" in 2", for type CZ	SK 2421-98 Z
01, 02, 07, 27	Conversion kit for lock 2" in 3 ½", for type CZ	SK 2421-99 Z
31, 32	Retrofit kit handle extension compl., for type C/CZ	SK 3121-063
36, 37, 39	Repair kit for bearing for type C/CZ	SK 2421-78

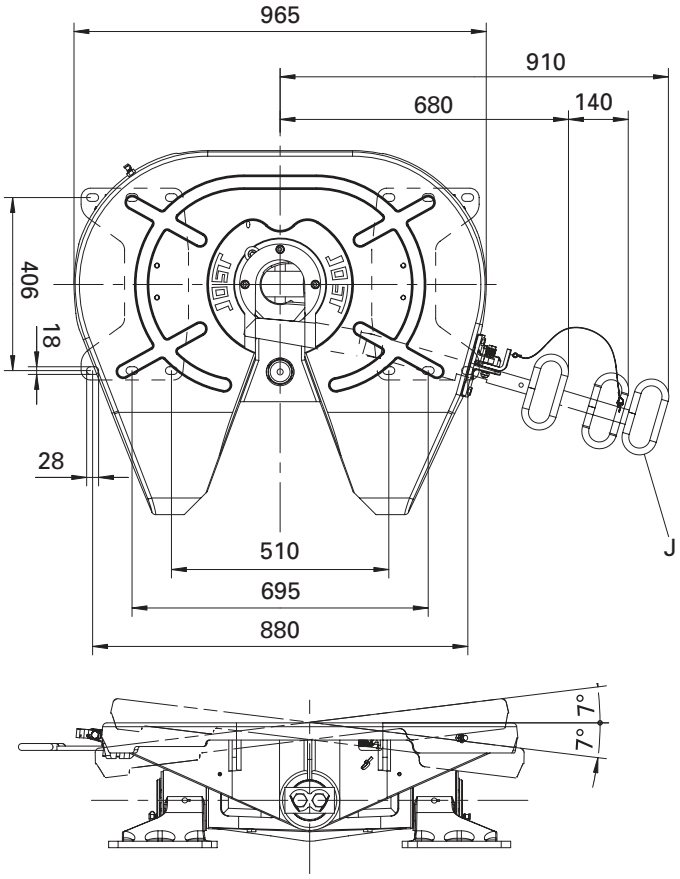
Repair instructions at www.jost-world.com

Heavy duty – Fifth wheel couplings · JSK 38 G1

Advantages at a glance

- Especially robust heavy duty fifth wheel coupling
- The cardan bearing allows the semi-trailer to be used off-road without distortion
- Retrofittable from 2" or 3½" and vice versa





Selection table / Versions available

Order No.	H (mm)	D value (kN)	*Lock*	Imposed load U (t)	Weight (kg)	Approval (ECE)	WA	ZL
JSK 38 G1	290	260	3½"	36	265	E1 55R-01 0339	M	K
JSK 38 G1 Z	290	260	3½"	36	265	E1 55R-01 0339	Z	K
JSK 38 G1 J	290	260	3½"	36	265	E1 55R-01 0339	M	J
JSK 38 G1 ZJ	290	260	3½"	36	265	E1 55R-01 0339	Z	J
JSK 38 G1-2	290	170	2"	28	265	E1 55R-01 0443	M	K
JSK 38 G1-2Z	290	170	2"	28	265	E1 55R-01 0443	Z	K
JSK 38 G1-2J	290	170	2"	28	265	E1 55R-01 0443	M	J
JSK 38 G1-2ZJ	290	170	2"	28	265	E1 55R-01 0443	Z	J

Explanatory notes for the selection tables please refer to page 15.

Technical Specification

Designed for 2" king pins (50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085 or for 3½" king pins (S) as per ECE R55-01, DIN 74083, ISO 4086.

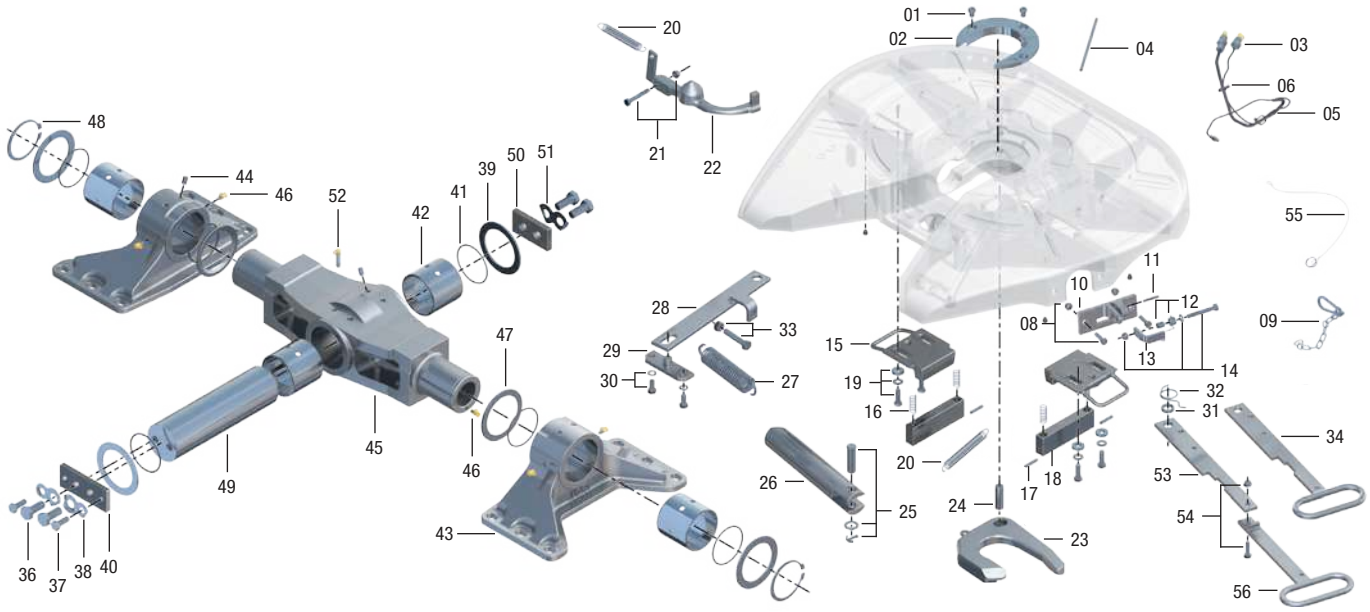
Did you know ...

... that the lateral suspension must be disabled for on-road use..

Mounting instructions at www.jost-world.com

JSK 38 G1 / G1-2" / ... Z

Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt		SK 2421-08	3
02	Wearing ring	3½", compl. with 01	SK 2421-56	1
02	Wearing ring	2", compl. with 01	SK 2421-57	1
03	Nut and bolt		SK 1976	1
04	Lubrication tube		SK 1989	1
05	Lubrication line	compl. with 06, for type Z	SK 2508-02	1
06	Cable tie		SK 3121-13	1
08	Hexagon bolt	compl.	SK 2421-50	2
09	Spring hook	compl. up to xx70xxxxxx	SK 1436	1
10	Latch holder	compl. with 11	SK 2405-084	1
11	Clamping pin		NTE000000400	1
12	Spring noose	compl.	SK 2921-30	1
13	Latch	compl.	SK 3121-52	1
14	Hexagon bolt	compl.	SK 3521-03	1
15	Stopper	compl.	SK 2506-22	2
16	Pressure spring		SK 2506-15	4
17	Clamping sleeve		SK 2521-10	4
18	Bush		SK 2506-35	2
19	Hexagon bolt	compl.	SK 2521-50	4
20	Tension spring		SK 2106-01	2
21	Hexagon bolt	compl.	SK 2421-51	1
22	Latch		SK 2405-27	1
23	Lock jaw	compl. with 06, 3½" for type M	SK 2405-14	1
23	Lock jaw	compl. with 06, 3½" for type Z	SK 2405-14 Z	1
23	Lock jaw	compl. with 06, 2" for type M	SK 2405-13	1
23	Lock jaw	compl. with 06, 2" for type Z	SK 2405-13 Z	1
24	Bolt		SK 2405-18	1
25	Bar bolt	compl.	SK 2121-14	1
26	Locking bolt		SK 2405-01	1

Item	Description	Remark	Order No.	per JSK
27	Double tension spring		SK 2405-23	1
28	Lever		SK 2405-04	1
29	Bearing		SK 2405-15	1
30	Hexagon bolt	compl.	SK 2421-53	2
31	Washer		SK 2405-19	1
32	Spring noose		SK 2405-09	1
33	Hexagon bolt	compl.	SK 2421-52	1
34	Short handle	for type K	SK 2405-066	1
36	Hexagon bolt		SK 2034	4
37	Hexagon bolt		SK 2521-18	2
38	Locking plate		SK 2504-21	2
39	Spacer washer		SK 2504-14	4
40	Plate		SK 2504-18	1
41	Round seal		SK 2521-07	6
42	Bearing bushing		SK 2504-16	4
43	Pedestal BH 290 (ISO)	with 42, 44, 46	SK 2521-52	2
44	Cylindrical notched pin		SK 1533	8
45	Rocker arm	compl. with 42, 44, 46, 52	SK 2521-51	1
46	Taper grease nipple		SK 2521-04	6
47	Spacer washer		SK 1192-1	2
48	Locking ring		SK 1435	2
49	Pivot pin		SK 2504-17	1
50	Clamping plate		SK 2504-19	1
51	Locking plate		SK 2504-20	1
52	Taper grease nipple + extens.		SK 2521-57	1
53	Locking bolt	for type J	SK 2405-067	1
54	Hexagon bolt	compl. for type J	SK 2421-50	1
55	Latch cord	compl. for type J	SK 3521-02	1
56	Long handle	for type J	SK 3105-113	1

Repair and retrofit kits

Item	Description	Order No.
01, 02, 09, 20, 23, 24, 27	Repair kit for lock 3½", for type G	SK 2421-76
01, 02, 05, 09, 20, 23, 24, 27	Repair kit for lock 3½", for type GZ	SK 2421-76 Z
01, 02, 09, 20, 23, 24, 27	Repair kit for lock 2", for type G	SK 2421-77
01, 02, 05, 09, 20, 23, 24, 27	Repair kit for lock 2", for type GZ	SK 2421-77 Z
01, 02, 20, 23	Conversion kit for lock 3½" in 2", for type G	SK 2421-98

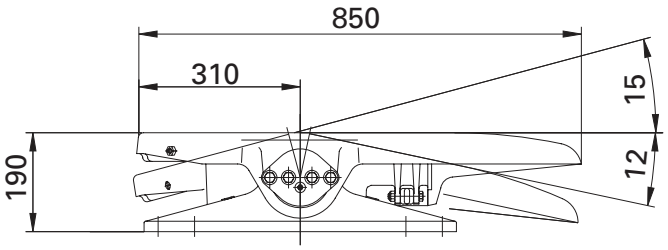
Item	Description	Order No.
01, 02, 20, 23	Conversion kit for lock 3½" in 2", for type GZ	SK 2421-98 Z
01, 02, 20, 23	Conversion kit for lock 2" in 3½", for type G	SK 2421-99
01, 02, 20, 23	Conversion kit for lock 2" in 3½", for type GZ	SK 2421-99 Z
36, 37, 38, 41, 42, 44, 46, 51, 52	Repair kit for bearing for type G/GZ	SK 2521-76
54, 55	Retrofit kit handle extension compl., for type G/GZ	SK 3121-063

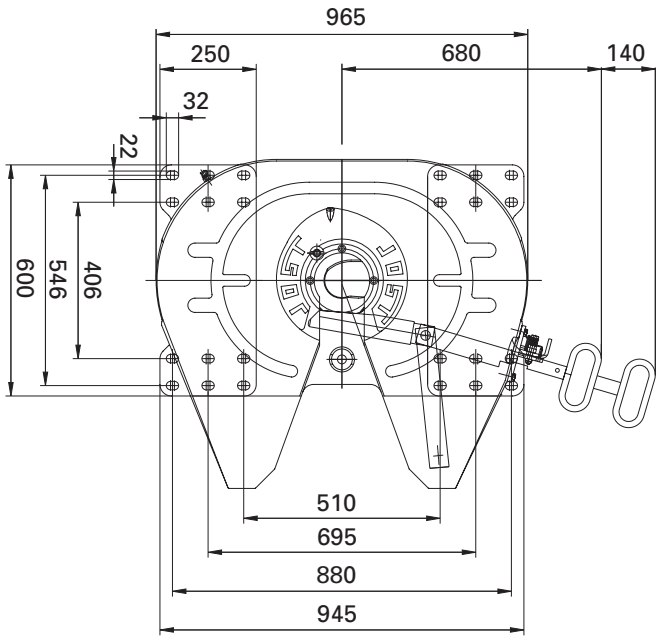
Repair instructions at www.jost-world.com

Heavy duty – Fifth wheel couplings · JSK 50

Advantages at a glance

- Heavy duty fifth wheel coupling made of cast steel
- For highest loads
- For 3½" king pins





Selection table / Versions available

Order No.	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (EG)	WA
JSK 50	300	50	290	E1 55R-01 2504	M
JSK 50 E1 40 R2 AA	300	50	290	E1 55R-01 2504	Z

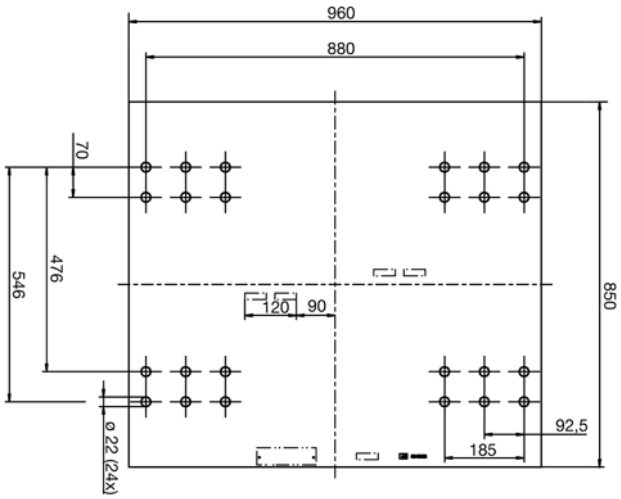
Explanatory notes for the selection tables please refer to page 15.

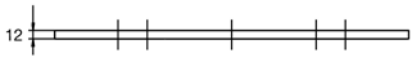
Technical Specification

Suitable for 3½" king pins (G S) as per ECE R55-01, DIN 74083, ISO 4086 and steering wedges as per ECE R55-01, DIN 74085.

Mounting plate for JSK 50

Order No.	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	Screw Set fifth wheel – MP
MP 0925	300	50	128	E1 55R-01 2496	SK 2410-021

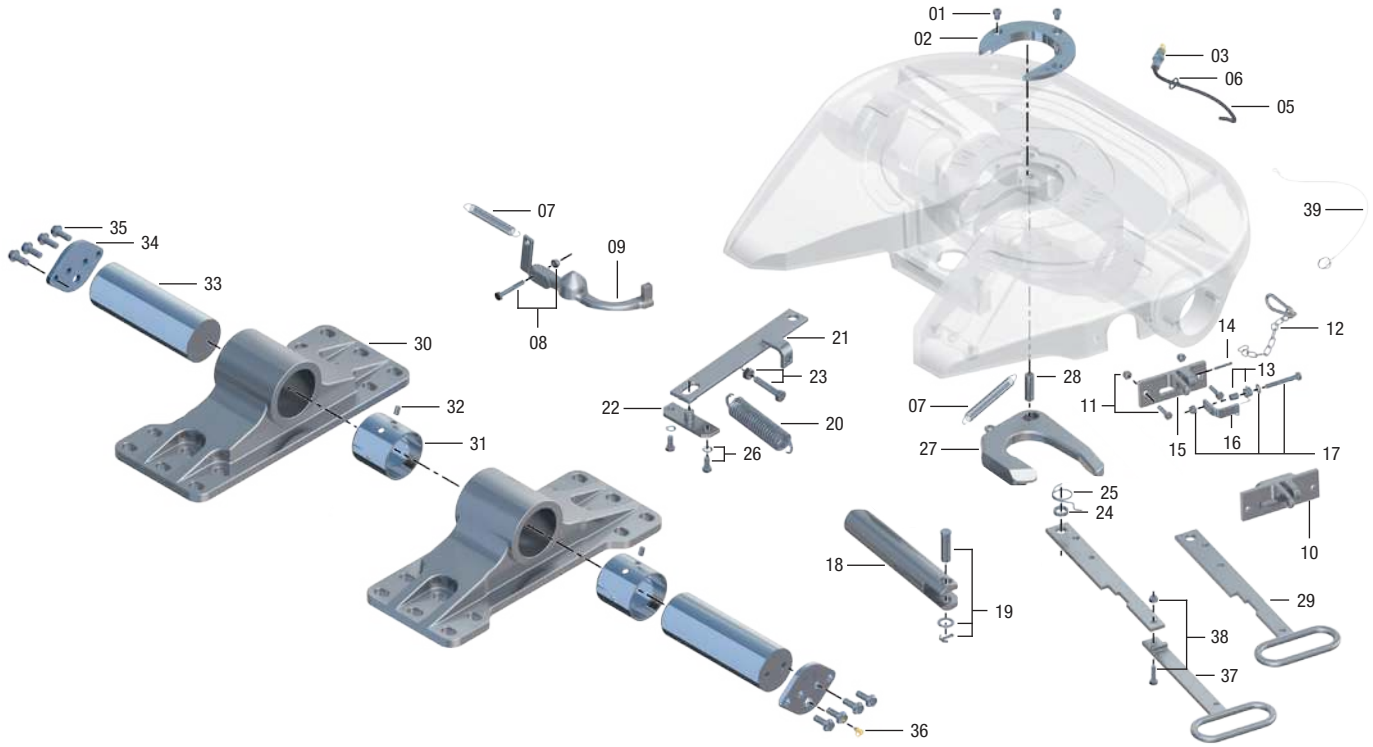




Mounting instructions at www.jost-world.com

JSK 50 / ... Z

Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt		SK 2421-08	3
02	Wearing ring	3½", compl. with 01	SK 2421-56	1
03	Nut and bolt		SK 1976	1
05	Lubrication line	compl. with 06, for type Z	SK 2508-02	1
06	Cable tie		SK 3121-13	1
07	Tension spring		SK 2106-01	2
08	Hexagon bolt	compl.	SK 2421-51	1
09	Stopper		SK 2405-27	1
10	Guide plate	up to xx90xxxxxx	SK 2405-22	1
11	Hexagon bolt	compl.	SK 2421-50	2
12	Spring hook	compl.	SK 1436	1
13	Spring noose	compl.	SK 2921-30	1
14	Clamping pin		NTE000000400	1
15	Latch holder	compl. with 11	SK 2405-084	1
16	Latch	compl.	SK 3121-52	1
17	Hexagon bolt	compl.	SK 3521-03	1
18	Locking bolt		SK 2405-01	1
19	Bar bolt	compl.	SK 2121-14	1
20	Double tension spring		SK 2405-23	1

Item	Description	Remark	Order No.	per JSK
21	Lever		SK 2405-04	1
22	Bearing		SK 2405-15	1
23	Hexagon bolt	compl.	SK 2421-52	1
24	Washer		SK 2405-19	1
25	Spring noose		SK 2405-09	1
26	Hexagon bolt	compl.	SK 2421-53	2
27	Lock jaw	compl. with 06, 3½" for type Z	SK 2405-14 Z	1
28	Bolt		SK 2405-18	1
29	Short handle	for type K	SK 2405-066	1
30	Pedestal BH 190 (ISO)	compl. with 31 + 32	SK 2821-51	2
31	Bearing bush		SK 2805-03	4
32	Cylindrical notched pin		SK 1533	8
33	Pivot pin		SK 2805-01	2
34	Plate		SK 2805-02	2
35	Locking bolt		SK 2521-05	8
36	Taper grease nipple		SK 2521-04	2
37	Handle extension	compl. with 38 + 39	SK 3121-063	1
38	Hexagon bolt	compl.	SK 2421-50	1
39	Latch cord	compl.	SK 3521-02	1

Repair and retrofit kits



Item	Description	Order No.
01, 02, 07, 12, 20, 27, 28	Repair kit for lock	SK 2421-76
37, 38, 39	Retrofit kit handle extension compl.	SK 3121-063

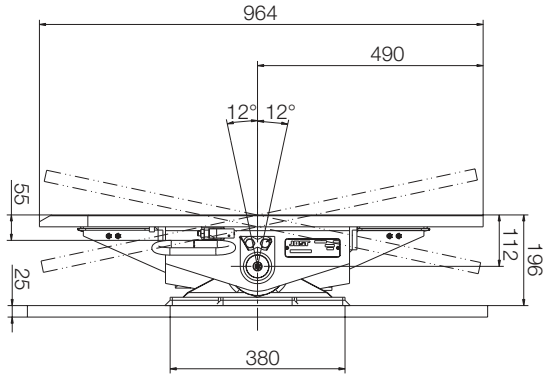
Item	Description	Order No.
01, 02, 05, 07, 12, 20, 27, 28	Repair kit for lock, for type Z	SK 2421-76 Z

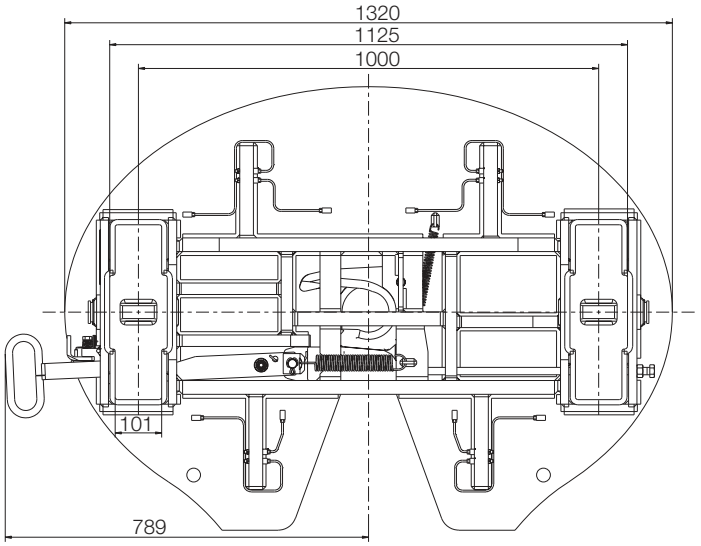
Repair instructions at www.jost-world.com

Heavy duty – Fifth wheel couplings · JSK 52

Advantages at a glance

- Super heavy duty fifth wheel coupling with pivot bearing
- Especially suitable for mining
- For 3½" king pins KZ 5216





Selection table / Versions available

Order No.	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (CRN)*	WA
JSK 52 DD 39 16 AA	400	74	455	46422	Z

* Australian norm

Explanatory notes for the selection tables please refer to page 15.

Technical Specification

Suitable for 3½" king pins (G S) as per ECE R55-01, DIN 74083, ISO 4086 and steering wedges as per ECE R55-01, DIN 74085.

Notes:

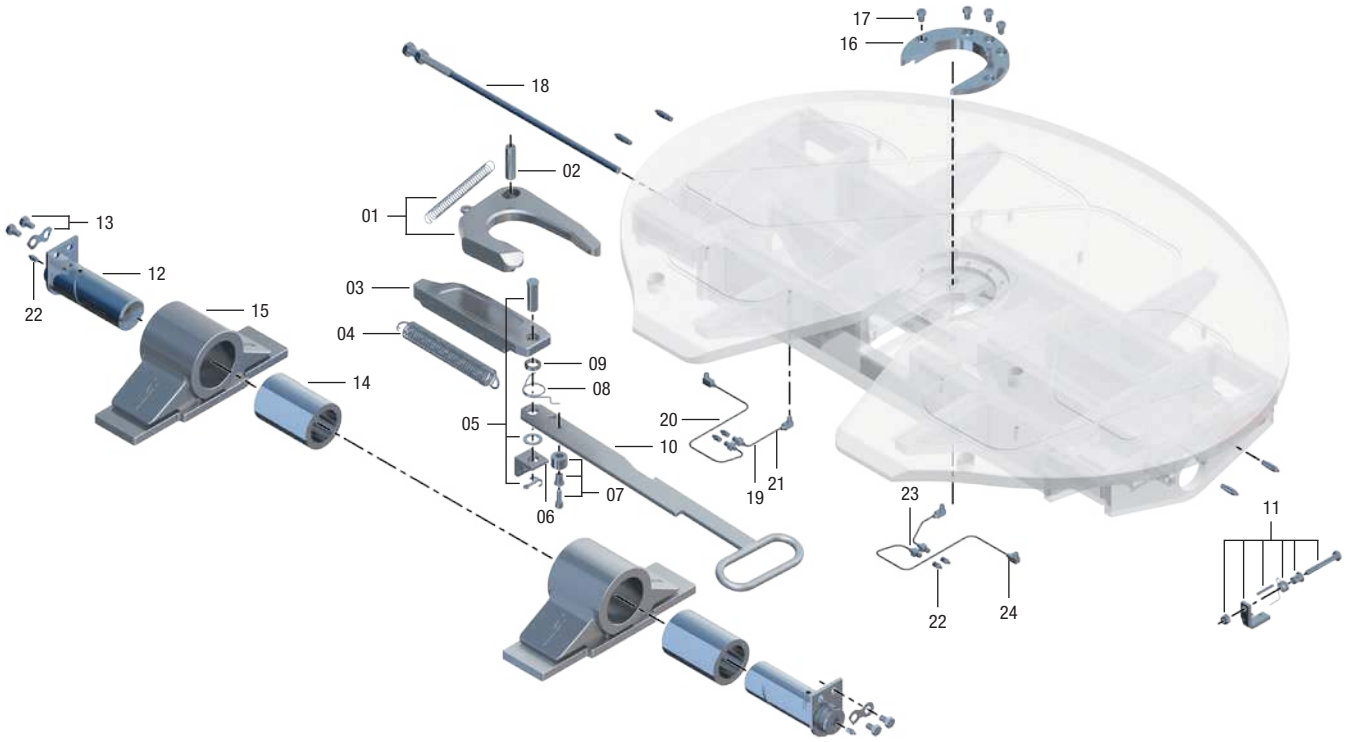
Mounting plate is not included in the scope of delivery of the fifth wheel coupling. (Please refer to the mounting and operating instructions under www.jost-world.com).

More information on the corresponding king pin KZ 5216 can be found in the chapter King Pins.

Mounting instructions at www.jost-world.com

JSK 52

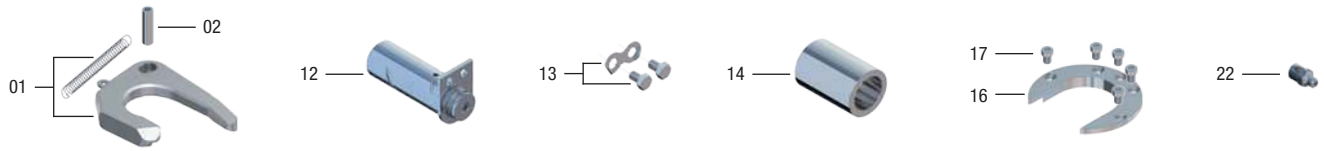
Spare parts



Item	Description	Remark	Order No.	per JSK
01	Lock jaw		SK 8301-005	1
02	Pin		SK 8301-307	1
03	Locking bolt		SK 8301-209	1
04	Double tension spring		SK 8301-210	1
05	Bar bolt	compl.	SK 8101-006	1
06	Fixing loop		SK 8101-206	1
07	Bolt	compl.	SK 8301-007	1
08	Spring		SK 2405-09	1
09	Washer		SK 8101-305	1
10	Pull handle		SK 8301-213	1
11	Latch mechanism	compl.	SK 8301-008	1
12	Pivot pin		SK 8301-205	2
13	Hexagon bolt + retaining sheet		000.001.148 + SK 3104-46	2

Item	Description	Remark	Order No.	per JSK
14	Bush		SK 8301-204	2
15	Pedestal	compl.	SK 8301-224	2
16	Wearing ring		SK 8301-223	1
17	Socket head bolt		SK 2421-08	5
18	Adjusting screw with hexagon bolt		SK 8301-301	1
19	Lubrication line	symmetrical	SK 8301-220	2
20	Lubrication line 2	symmetrical	SK 8301-221	4
21	Lubrication line 3	symmetrical	SK 8301-222	2
22	Lubrication niple		SK 8301-308	10
23	Nut and bolt		SK 8301-310	8
24	90° Nut and bolt		SK 8301-309	8

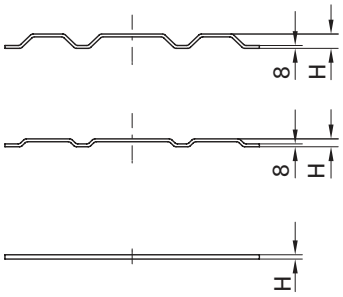
Repair and retrofit kits



Item	Description	Order No.
01, 02, 16, 17	Repair kit for lock	SKE119036300
12, 13, 14, 22	Repair kit for bearing	SKE119036400

Repair instructions at www.jost-world.com

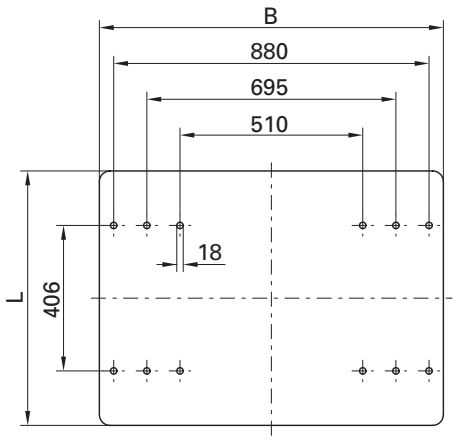
Mounting plates for 2" fifth wheel couplings



40 mm

22 mm

12 mm



Hole pattern as per DIN 74081 / ISO 3842

Selection table / Versions available

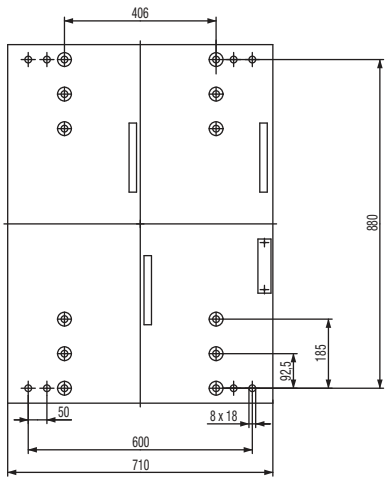
Order No.	H (mm)	L (mm)	B (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	Fifth wheel coupling** Mounting height (mm)	Frame hole pattern
MP0113	12	710	960	152	20	62	E1 55R-01 0367	up to 300	without
MP0113-109	12	710	960	152	20	63	E1 55R-01 0367	up to 300	DAF
MP0113-68	12	710	960	152	20	64	E1 55R-01 0367	up to 300	MAN
MP0113-099	12	710	960	152	20	62	E1 55R-01 0367	up to 300	IVECO
MP0113-36	12	710	960	152	20	63	E1 55R-01 0367	up to 300	Scania
MPL01010135AA	12	710	960	152	20	63	E1 55R-01 0367	up to 300	Scania
MP0115	12	710	1050	152	20	72	E1 55R-01 0367	up to 300	without
MP0115-148	12	710	1050	152	20	72	E1 55R-01 0367	up to 300	Ford
MPL01010228AJ	12	710	1050	126	15	63	E1 55R-01 0367	up to 300	MAN
MPL01011012AA*	12	650	960	152	20	58	E1 55R-01 0367	up to 300	Mercedes-Benz
MPL01011013AA	12	650	960	152	20	58	E1 55R-01 0367	up to 300	Mercedes-Benz
MPL01010808AA*	12	650	1010	152	20	61	E1 55R-01 0367	up to 300	Mercedes-Benz***
MPL01010725AH	12	650	1010	152	20	61	E1 55R-01 0367	up to 300	Mercedes-Benz***
MPL21030936AA	22	780	960	152	20	48	E1 55R-01-0368	up to 300	Scania
MP2102	22	665	960	152	20	42	E1 55R-01 0368	up to 300	without
MPL21032140AA	22	780	1050	152	20	52	E1 55R-01 0368	up to 300	Ford
MP2111	22	665	1050	152	20	45	E1 55R-01 0368	up to 300	without
MP4101	40	710	960	152	20	48	E1 55R-01 0368	up to 300	without
MP4102	40	665	960	152	20	45	E1 55R-01 0368	up to 300	without
MP4102-090	40	665	960	152	20	43	E1 55R-01 0368	up to 300	Scania
MP4102-106	40	665	960	152	20	45	E1 55R-01 0368	up to 300	MAN
MPL41040936AA	40	780	960	152	20	51	E1 55R-01 0368	up to 300	Scania
MP4103-088	40	710	1050	152	20	52	E1 55R-01 0368	up to 300	Daewoo
MP4111	40	665	1050	152	20	48	E1 55R-01 0368	up to 300	without
MP4111-228	40	665	1050	152	20	48	E1 55R-01 0368	up to 300	Ford
MPL41041014AA	40	650	960	152	20	45	E1 55R-01 0368	up to 300	Mercedes-Benz
MPL41040708AA	40	650	1010	152	20	49	E1 55R-01 0368	up to 300	Mercedes-Benz***
MP4153	40	650	1050	152	20	50	E1 55R-01 0368	up to 300	without

* only for the JSK 42 series
** without MP
*** Actros new (MP4)

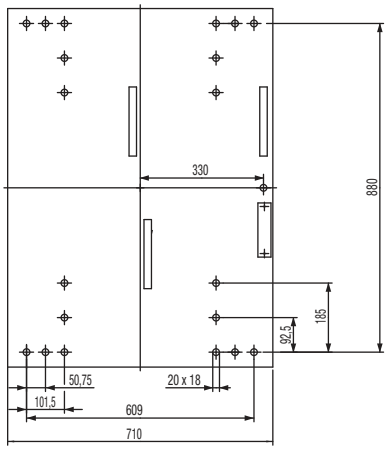
Other mounting plates available on request.

Customer hole pattern

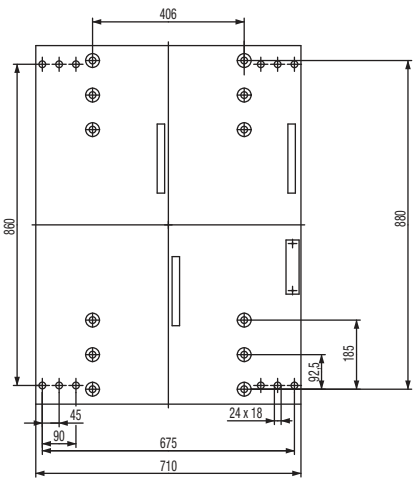
MP 0113-109 (12/710/960)



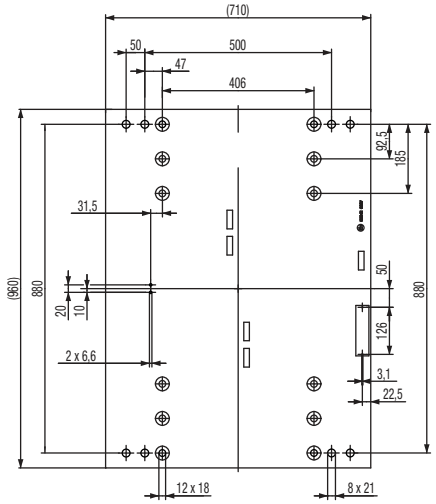
MP 0113-68 (12/710/960)



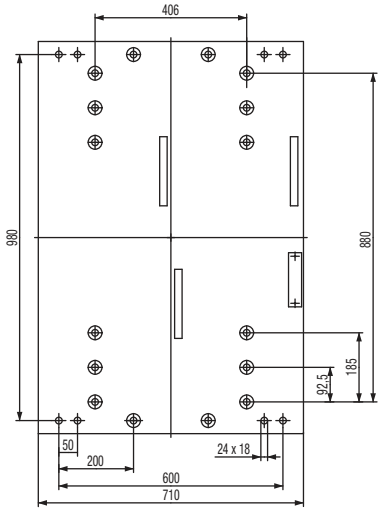
MP 0113-099 (12/710/960)



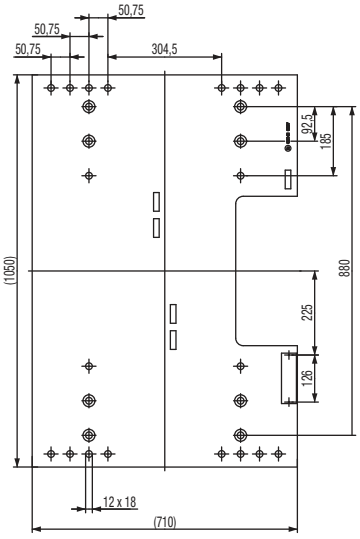
MPL01010135AA (12/710/960)



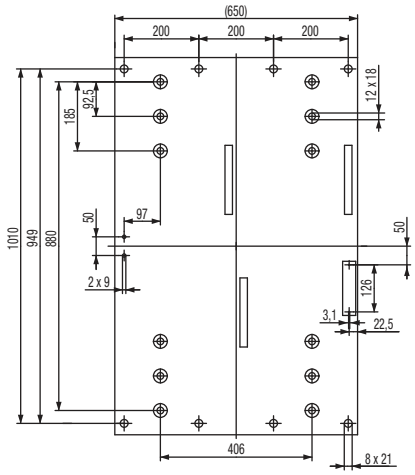
MP 0115-148 (12/710/1050)



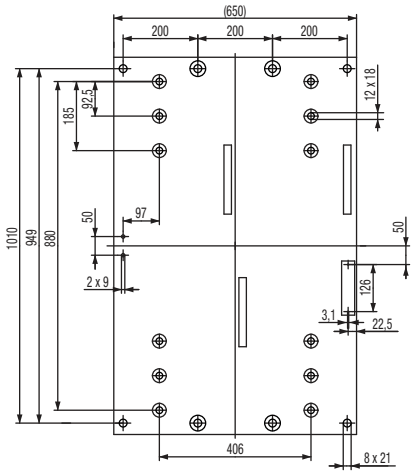
MPL01010228AJ (12/710/1050)



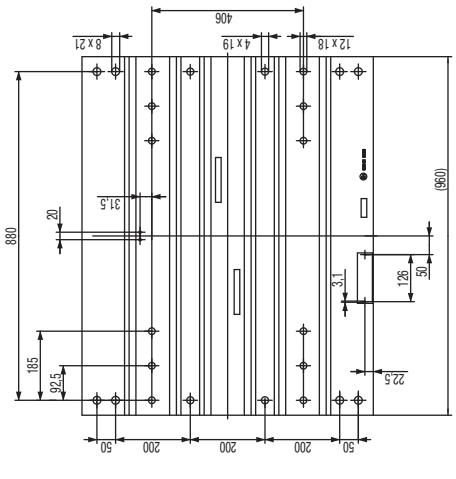
MPL01010808AA (12/650/1010)



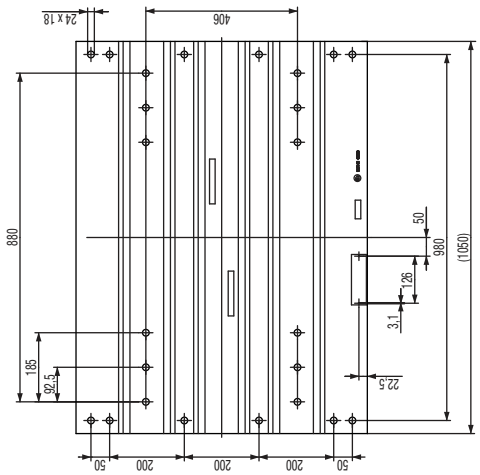
MPL01010725AH (12/650/1010)



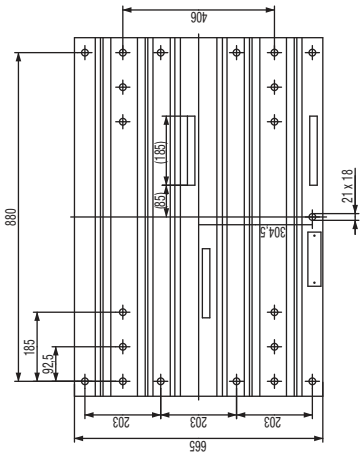
MPL21030936AA (22/780/960)



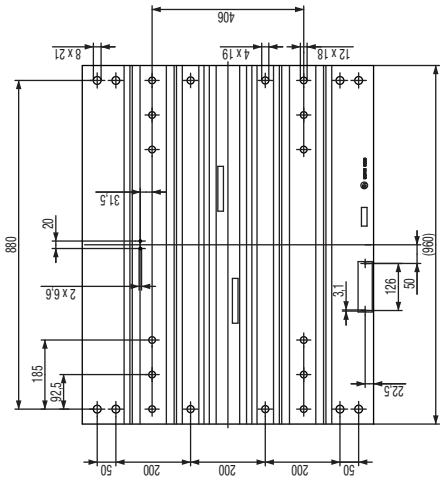
MPL21032140AA
(22/780/1050)



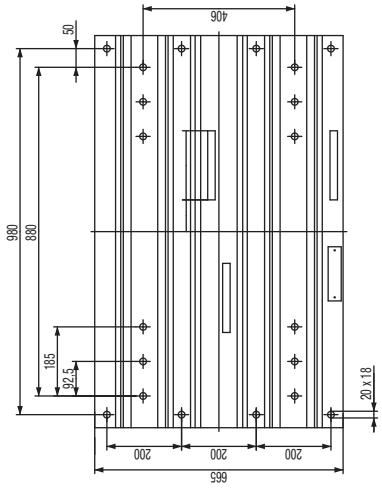
MP 4102-106
(40/665/960)



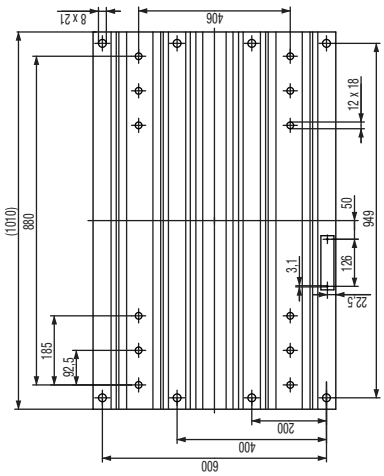
MPL41040936AA
(40/780/960)



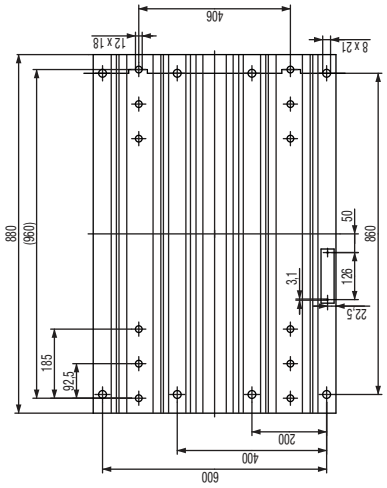
MP 4111-228
(40/665/1050)



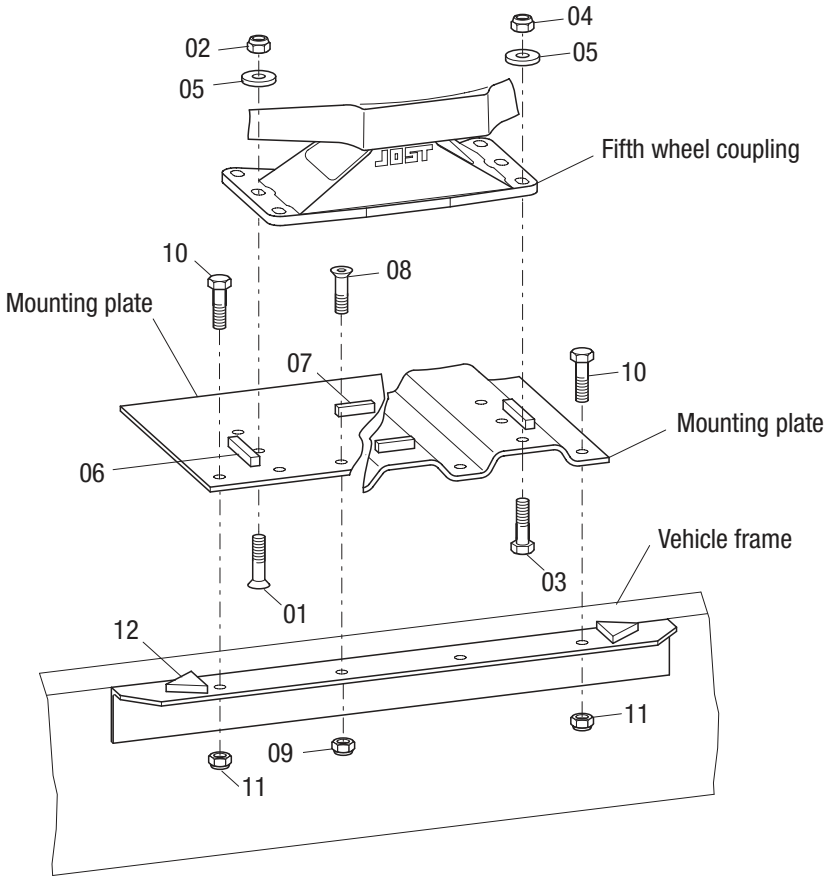
MPL41040708AA
(40/650/1010)



MPL41041014AA
(40/650/960)



Mounting kits
JSK 36 DV · JSK 37 C / CW / E / EW · JSK 42 K0

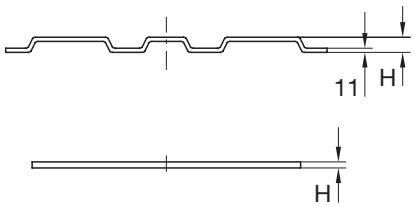


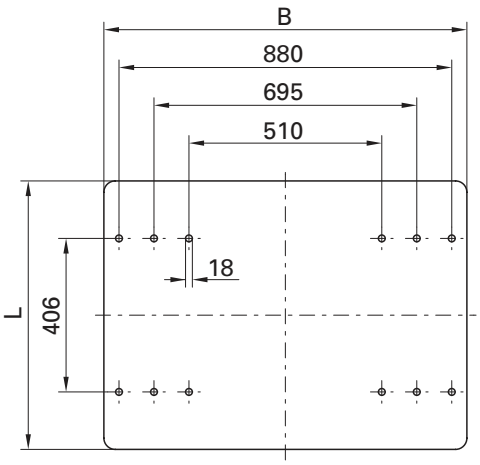
Mounting kit consisting of (Quantity per kit):

Item	Order No. Height of MP: MP for:	SK 2110-38 (12 mm) JSK 36/37	SK 2110-43 (12 mm) JSK 36/37	SK 2110-45 (12 mm) JSK 42	SK 2110-46 (12 mm) JSK 42	SK 2110-15 (22 / 40 mm) all	SK 2110-25 (22 / 40 mm) all	SK 2110-16 (100 / 150 mm) all	SK 2110-26 (100 / 150 mm) all	SKE009910020 (22 / 40 mm) all
	Description									
01	Countersunk bolt M16 x 60	4								
01	Countersunk bolt M16 x 1,5 x 55		8	12	12					
02	Hexagon nuts M16	4								
02	Hexagon nuts M16 x 1,5		8	12	12					
03	Hexagon bolts M16 x 1,5 x 60	8	4					12	12	
03	Hexagon bolts M16 x 1,5 x 50					12	12			12
04	Hexagon nuts M16 x 1,5	8	4			12	12	12	12	12
05	Washer 17	12	12	12	12	12	12	12	12	12
06	Stop blocks 15/100 mm	4	4	4	4	4	4	4	4	
07	Stop blocks 15/60 mm	2	2	2	2	2	2	2	2	
08	Countersunk bolt M16 x 50	4								
08	Countersunk bolt M20 x 50		4							
09	Hexagon nuts M16	4								
09	Hexagon nuts M20		4							
10	Hexagon bolts M16 x 1,5 x 50	8		8		8		8		
10	Hexagon bolts M20 x 1,5 x 50		4		8		8		8	
11	Hexagon nuts M16 x 1,5	8		8		8		8		
11	Hexagon nuts M20 x 1,5		4		8		8		8	
12	Stop blocks triangle 65 x 12	4	4	4	4	4	4	4	4	

Note: M20 screws are usually used in Mercedes-Benz vehicles. Please bear this in mind when selecting the screw kits.

Mounting plates for heavy duty fifth wheel couplings





Hole pattern as per DIN 74081 / ISO 3842

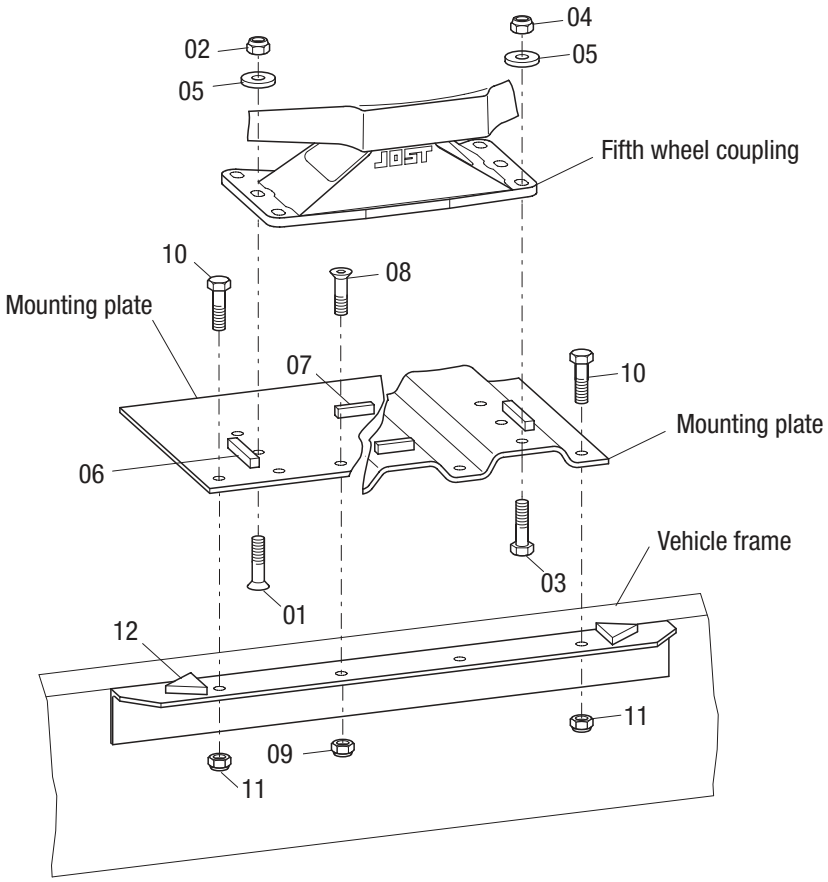
Selection table / Versions available

Order No.	H (mm)	L (mm)	B (mm)	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)	Fifth wheel coupling Mounting height (mm)	Frame hole pattern	Bolt kit
MP0117	16	710	960	260	36	86	E1 55R-01 0951	up to 290	without	SK 2410-13
MP0117-117	16	710	960	260	36	86	E1 55R-01 0951	up to 290	IVECO	SK 2410-13
MP0117-119	16	710	960	260	36	86	E1 55R-01 0951	up to 290	MAN	SK 2410-13
MP0117-212	16	710	960	260	36	86	E1 55R-01 0951	up to 290	Mercedes-Benz	SK 2410-13
MP0118	16	710	1050	260	36	94	E1 55R-01 0951	up to 290	without	SK 2410-13
MPL01021938AD	16	860	960	260	36	102	E1 55R-01 0951	up to 290	Scania	SK 2410-13
MP0925	20	850	960	300	50	128	E1 55R-01 2496	up to 190	without	SK 2410-021
MP0925-218	20	850	960	300	50	128	E1 55R-01 2496	up to 190	Scania	SK 2410-021
MP4125	40	850	960	260	36	77	E1 55R-01 0950	up to 290	without	SK 2410-05
MP4125-213	40	850	960	260	36	77	E1 55R-01 0950	up to 290	Mercedes-Benz	SK 2410-05
MP4126	40	850	1050	260	36	81	E1 55R-01 0950	up to 290	without	SK 2410-05
MP4126-126	40	850	1050	260	36	81	E1 55R-01 0950	up to 290	Daewoo	SK 2410-05
MP4157-124	40	970	960	260	36	79	E1 55R-01 0950	up to 290	MAN	SK 2410-05
MPL41041837AA	40	850	1050	260	36	78	E1 55R-01 0950	up to 290	Scania	SK 2410-05
MPL41041218AA	40	850	1010	260	36	80	E1 55R-01 0950	up to 290	Mercedes-Benz*	SK 2410-05
MPL41041852AK	40	970	960	260	36	86	E1 55R-01 0950	up to 290	DAF	SK 2410-05
MPL41042246AH	40	970	1010	260	36	86	E1 55R-01 0950	up to 290	Mercedes-Benz*	SK 2410-05

More information on the fixing kits on the next page.

* Actros new (MP4)

Mounting kits · JSK 38 C1 / G1



Mounting kit consisting of (Quantity per kit):

Item	Order No. Height of MP:	SK 2410-13 (16 mm)	SK 2410-05 (40 mm)	SK 2410-01 (40 mm)	SK 2410-03 (40 mm)
	Description				
01	Countersunk bolts M16 x 70	4			
02	Hexagon nuts M16	4			
03	Hexagon bolts M16 x 1,5 x 60		12	12	
03	Hexagon bolts M16 x 1,5 x 70	8			
04	Hexagon nuts M16 x 1,5	8	12	12	
05	Washer 17	12	12	12	
06	Stop blocks 25 x 12/100 mm	4	4	4	
07	Stop blocks 25 x 12/60 mm	2	2	2	
08	Countersunk bolts M20 x 50	4			
09	Hexagon nuts M20	4			
10	Hexagon bolts M20 x 1,5 x 50	4	8		8
11	Hexagon nuts M20 x 1,5	4	8		8
12	Stop blocks 65 x 12/65 mm	4	4		4

Dual-height fifth wheel systems



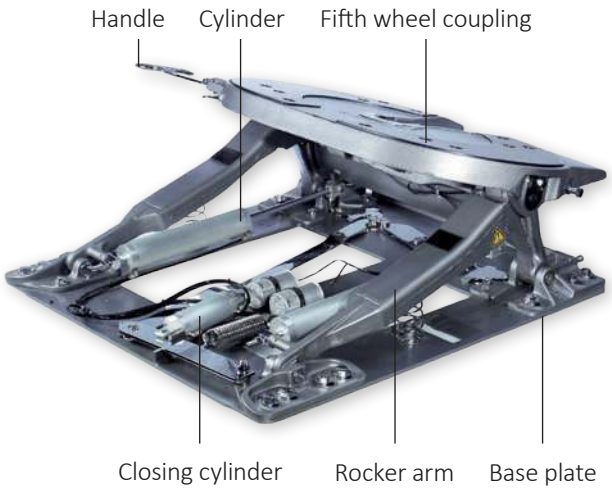
The dual-height fifth wheel system allows both megatrailers and conventional semi-trailers to be used on lowdeck tractor units. These vehicle attaching parts are subject to mandatory design approval on which the highest safety requirements are placed.
Dual-height fifth wheel couplings from JOST can be mounted on all common tractor units (except site traffic), and are suitable for all trailer steering systems.

The height is adjusted when the tractor unit is uncoupled and can be set to mounting heights of 315 mm and 365 mm. The system can be locked, unlocked, raised and lowered within seconds using pneumatics.

Fitting dual-height fifth wheel system

The dual-height fifth wheel system is mounted directly on the mounting angles of the tractor unit. There is no need for an additional mounting plate. Further details are given in the mounting instructions.

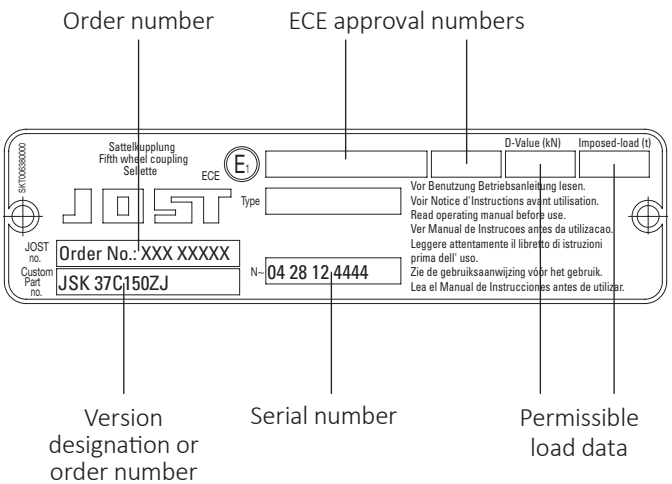
When fitting our dual-height fifth wheel systems, JOST mounting instructions and the relevant national regulations must be observed (in Germany these are §§19, 20, 21 of the "StVZO" Motor Vehicle Safety Standards).



Type plate

The fifth wheel coupling is fitted with its own type plate. For further information, see the "Fifth wheel couplings" section of this catalogue

Each dual-height fifth wheel system is marked with a type designation. This can be found on the type plate attached to the sole plate. The model designation is used to identify the version of the dual-height fifth wheel system. When ordering spare parts, please quote the model designation and the factory number.



Dual-height fifth wheel systems · JSK DH

Advantages at a glance

- Additional safety device to protect against false coupling
- Can be locked, unlocked, raised and lowered within seconds using pneumatics
- Up to 50% reduction in maintenance costs

- The JSK DH is not suitable for use in site traffic.
- The load conditions apply for operation on paved roads and transport conditions typical in Central Europe.
- Please enquire about uses other than these or when using tank, silo or tipping trailers or other trailers with a high centre of gravity.
- max. permitted total weight: 44 t

Technical Features

- The lightest dual-height fifth wheel system on the market – up to 70 kg lighter than comparable dual-height fifth wheel systems
- Two lifting heights – 200 mm and 150 mm
- Mounting height of just 165 mm in the lowest position
- Two grease cartridges for lubricating joints
- Third cartridge for lock jaw lubrication (low-maintenance version)
- Dual safety locking mechanism
- Extended handle for safety and ease of operation

Technical Specification

- Designed for 2" king pins (class G 50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085
- For installation of the JSK DH on the tractor no additional relief valves are necessary.
- Fitting recommendation: when ordering new vehicles ensure that the mounting angles are drilled according our dimensions (see drawing) or completely undrilled.
- Structure: Depending on the vehicle manufacturer, it may necessary to retrofit a special mounting angle or to change the existing mounting angle. Please ask us if you any questions on the available options.

Scope of delivery Order

- Dual-height fifth wheel system
- Pneumatic kit, Mounting bolts

Selection table / Versions available

Order No.	H (mm)	V (mm)	Mounting height (mm)	D value (kN)	Imposed U (t)	Weight (kg)	Approval (ECE) Dual-height fifth wheel system	Fifth wheel coupling	WA	Version
JSK DH E0 27 I6 AA	315	27	150	110	15	266	E1 55R-01 1069	JSK 37 E	Z	1
JSK DH E0 27 I3 AA	315	27	150	110	15	267	E1 55R-01 1069	JSK 37 EW	W+LT*1P*	1
JSK DH E0 27 I6 EO	315	27	150	110	15	267	E1 55R-01 1069	JSK 37 E	Z	2
JSK DH E0 27 I3 EO	315	27	150	110	15	268	E1 55R-01 1069	JSK 37 EW	W+LT*1P*	2
JSK DH E0 27 I6 EP	315	27	150	110	15	268	E1 55R-01 1069	JSK 37 E	Z	3
JSK DH E0 27 I3 EP	315	27	150	110	15	268	E1 55R-01 1069	JSK 37 EW	W+LT*1P*	3
JSK DH E0 27 CS FF	315	27	150	110	15	269	E1 55R-01 1069	JSK 37 EW	W+LT*1P*	4
JSK DH E0 28 I6 AA	365	45	200	110	15	266	E1 55R-01 1069	JSK 37 E	Z	1
JSK DH E0 28 I3 AA	365	45	200	110	15	267	E1 55R-01 1069	JSK 37 EW	W+LT*1P*	1
JSK DH E0 28 I6 EO	365	45	200	110	15	267	E1 55R-01 1069	JSK 37 E	Z	2
JSK DH E0 28 I3 EO	365	45	200	110	15	268	E1 55R-01 1069	JSK 37 EW	W+LT*1P*	2
JSK DH E0 28 I6 EP	365	45	200	110	15	268	E1 55R-01 1069	JSK 37 E	Z	3
JSK DH E0 28 I3 EP	365	45	200	110	15	269	E1 55R-01 1069	JSK 37 EW	W+LT*1P*	3
JSK DH E0 28 CS FF	365	45	200	110	15	269	E1 55R-01 1069	JSK 37 EW	W+LT*1P*	4

Explanations:

WA/Maintenance

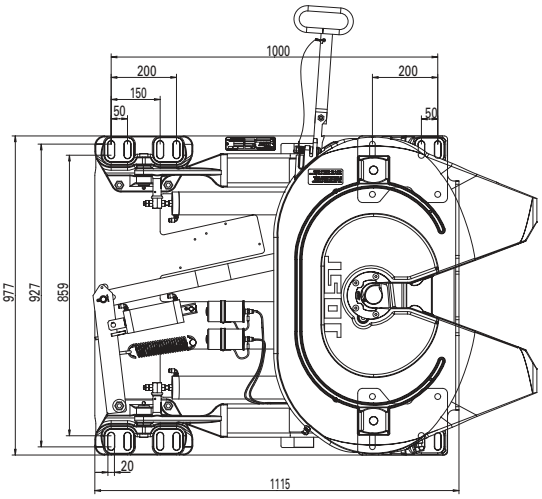
Z = prepared for central lubrication and two LubeTronic *1Point* for lubrication of joints

W+LT*1P* = low-maintenance version with plastic top plate liners and LubeTronic *1Point* for lock jaw lubrication

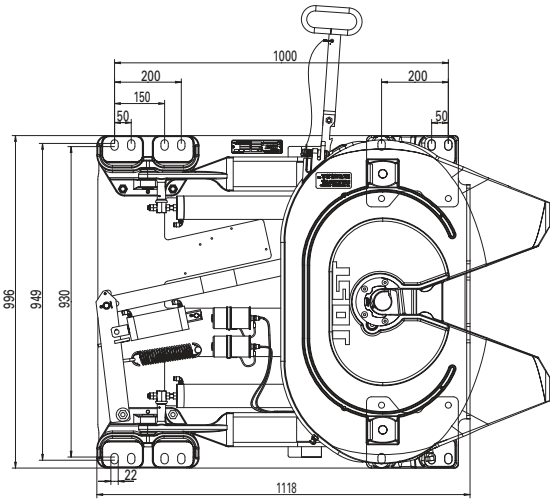
Mounting instructions at www.jost-world.com

JSK DH

Version 1:
DAF, IVECO, Mercedes-Benz, Scania

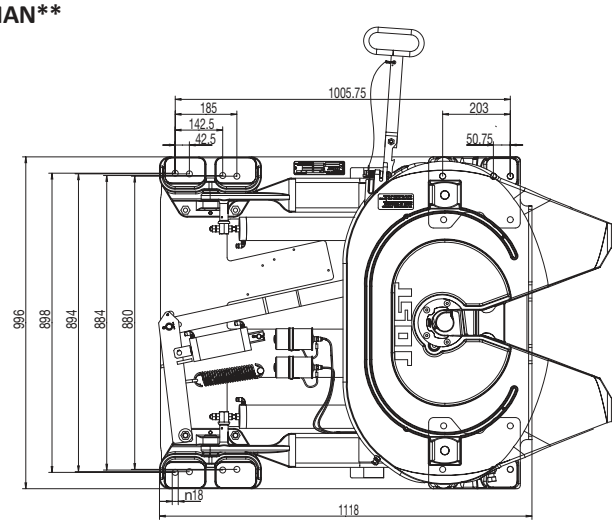


Version 2:
Mercedes-Benz (Actros new)*, Renault, Volvo



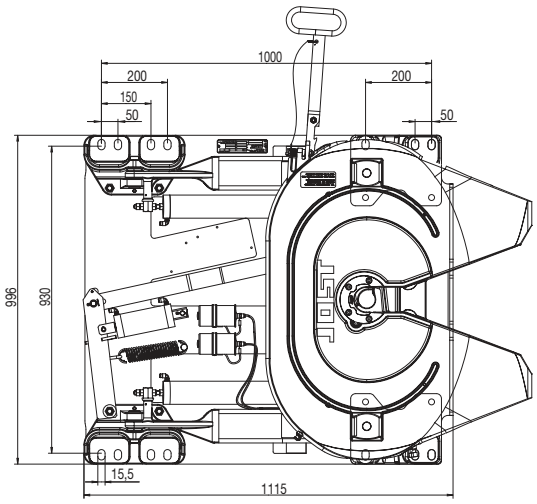
* If the dual-height fifth wheel system is retrofitted with an existing fifth wheel coupling, the elevated mounting angles must be changed. The elevated mounting angles A 663 316 00 55 und A 663 316 01 55 can be obtained from Mercedes-Benz.

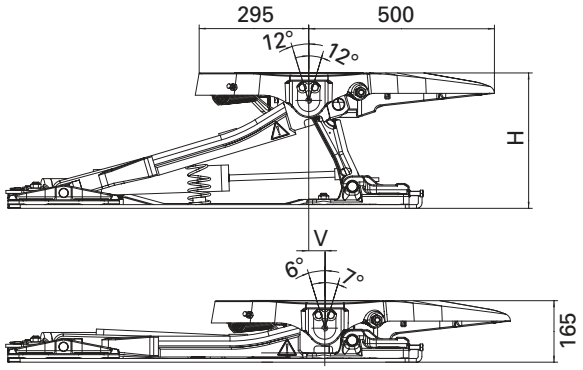
Version 3:
MAN**



** If the dual-height fifth wheel system is retrofitted with an existing fifth wheel coupling, the elevated mounting angles must be adapted to the hole pattern. Please contact us.

Version 4:
Volvo

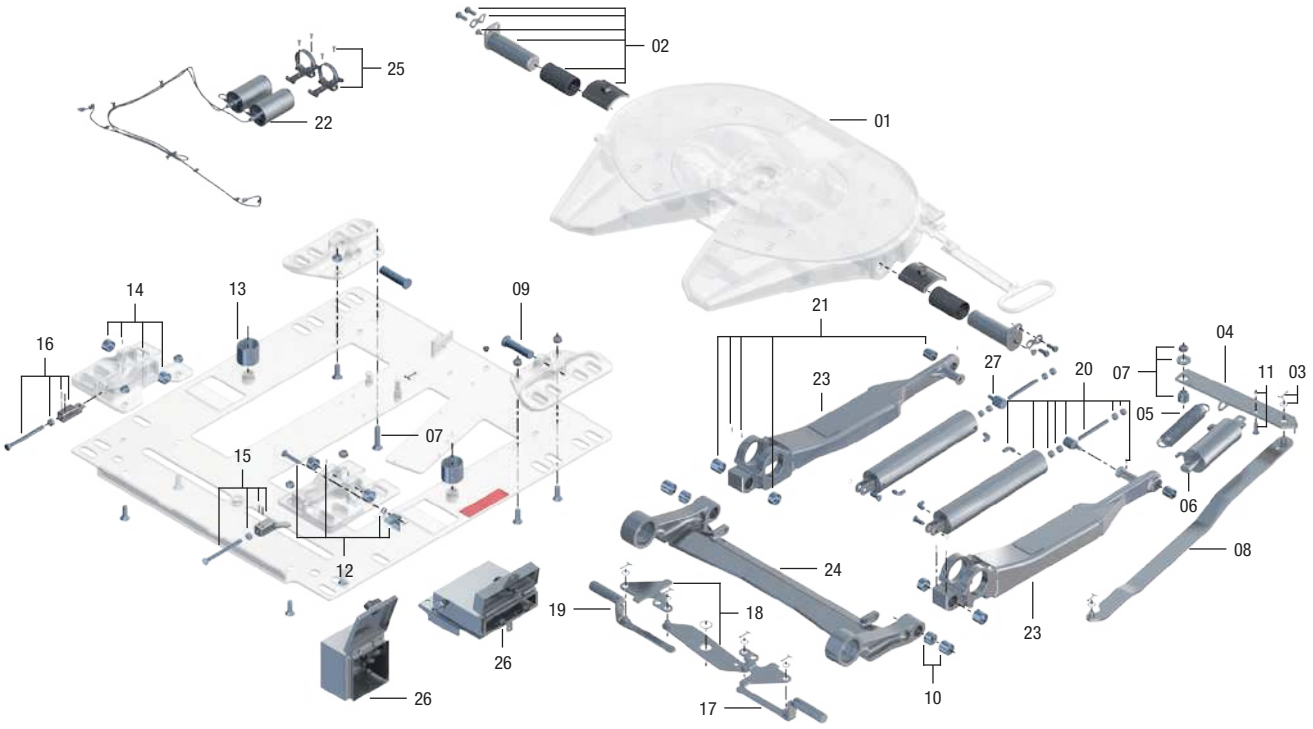




Mounting instructions at www.jost-world.com

JSK DH with JSK 37 E / EW

Spare parts



Item	Description	Remark	Order No.	per DH
01	Fifth wheel coupling	*		
02	Fifth wheel coupling bearing	compl.	DH 1019902	2
03	Split pin	compl.	DH 1019903	1
04	Lever		DHE1011600	1
05	Double tension spring		SK 2405-23	1
06	Closing cylinder		DHE1011100	1
07	Spacer bushing	compl.	DH 1019907	1
08	Lever (DH 190)		DH 1006210	1
08	Lever (DH 150)		DH 1019908	1
09	Pivot pin		DH 1019909	2
10	Bushing set 1		DH 1019910	2
11	Bolt	compl.	DHE1003100	1
12	Latch	compl.	DH 1019912	1
13	Spring		DH 1019913	2
14	Bushing set 2		DH 1019914	2
15	Wedge right	compl.	DH 1019915	1
16	Wedge left	compl.	DH 1019916	1
17	Locking pin, right		DH 1019917	1

Item	Description	Remark	Order No.	per DH
18	Elbow lever	compl.	DH 1019918	1
19	Locking pin left		DH 1019919	1
20	Cylinder	compl.	DH 1019920	2
21	Bushing set 3		DH 1019921	2
22	Lubrication kit, 2 x LubeTronic for JSK DH	without tubes	DHE1019300	1
22	Lubrication kit, 2 x LubeTronic for JSK DH	with tubes	DHE1019200	1
	1x LubeTronic for JSK EW...	oZ	SKE004070100	1
23	Stay arm right		DHE1011900	1
23	Stay arm left		DHE1012000	1
24	Rocker arm (DH 150)		DH 102050020	1
24	Rocker arm (DH 200)		DH 100150020	1
25	Support for lubrication kit JSK DH		SKE001150825	2
26	Control device		DHE1011800	1
26	Control device	for JSKD-HE0xxxxFF	DHE107900000	1
27	Cylinder receptacle	compl.	DHE1001300	2

* The base plate, pedestals and the fifth wheel plate are not available as a full set of spare parts. For spare parts for the fifth wheel coupling, see JSK37E.

Repair and retrofit kits

Description	Order No.	per DH
Mounting kit in version 1 and 3: 10 x hexagonal screws M16 x 1,5 x 70 4 x hexagonal screws M16 x 1,5 x 90 14 x nuts M16 x 1,5 16 x washers A17 6 x double washer	DH 1019950	1
Mounting kit in version 2: 10 x hexagonal screws M20 x 1,5 x 80 4 x hexagonal screws M20 x 1,5 x 100 14 x nuts M20 x 1,5 28 x washers A21	DHE001151245	1

Description	Order No.	per DH
Pneumatic kit: 1 x control device 2 x plug connector L6/L6/L6 15 m compressed air hose	DHE1011800	1
Control device for Volvo for JSK DHE027CSFF and JSK DHE028CSFF	DHE107900000	1

Repair instructions at www.jost-world.com

Sliders

Sliders allow the position of the fifth wheel coupling to be moved on the semi-trailer tractor unit. This allows to optimise the axle load and load distribution, and the reduction of the total length of the articulated vehicle for ferry crossings or adaptation in order to comply with national regulations.

The new ProTech Slider for standard fifth wheel couplings offers an enormous weight advantage of up to 25 kg in comparison to similar sliders. The ProTech Slider is also suitable for wide frame hole patterns.

The JSK SL and ProTech sliders can be optionally equipped with a pneumatic control and are supplied as a complete unit with integrated fifth wheel coupling.

The JOST EV HD slider is suitable for use with heavy duty fifth wheel couplings of all conventional makes with a connecting hole pattern corresponding to ISO 3842.

National regulations and JOST mounting instructions at www.jost-world.com must be observed.

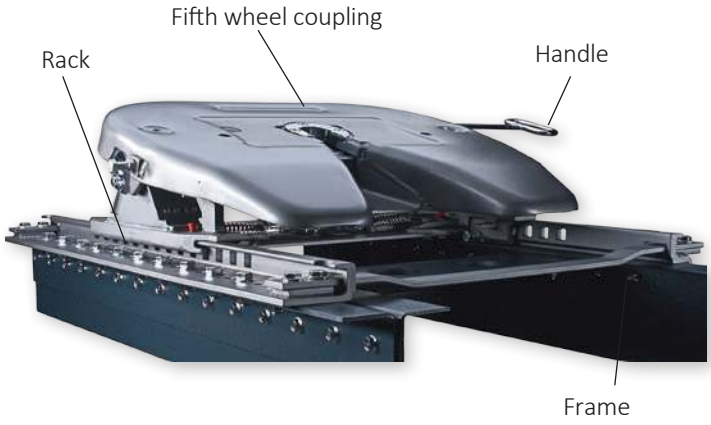


Fitting sliders

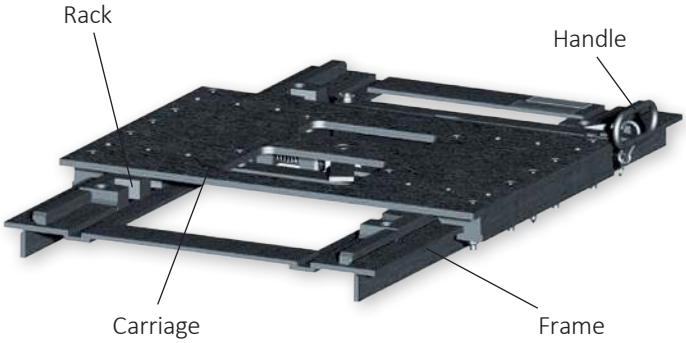
The slider is mounted on the mounting angles of the tractor unit. There is no need for an additional mounting plate.

Further details for fitting the slider are given in the mounting instructions.

JSK SL / ProTech



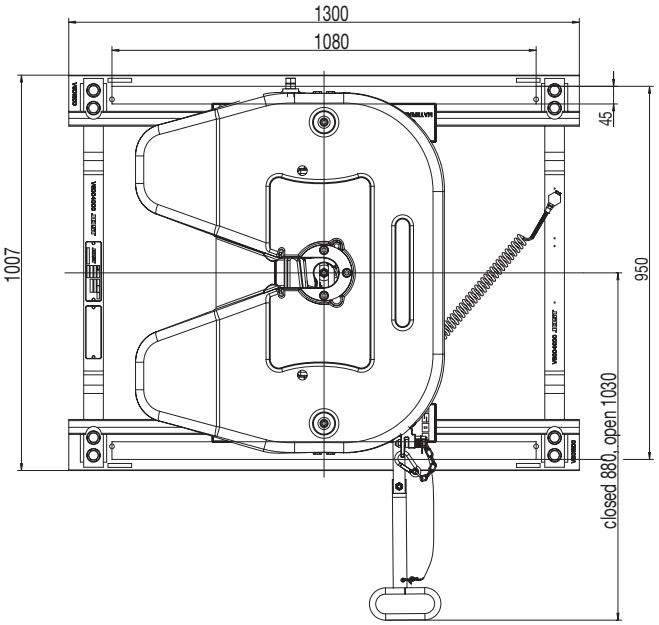
EV HD / EV M

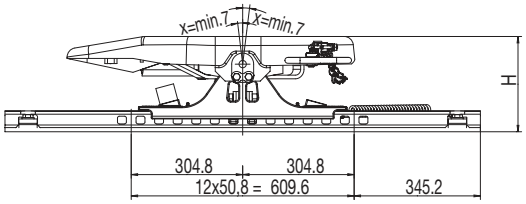


Sliders · ProTech

Advantages at a glance

- Low weight
- Also suitable for broad frame hole patterns
- Tappets in throat of fifth wheel coupling to correctly position king pin
- Can be retrofitted with Fleetmaster Handle





Technical Data

Type	D value (kN)	Imposed load U (t)	Approval (ECE)
JSK PO	152	20	E1 55R-01 2197

- The JSK ProTech is not suitable for use in site traffic.
- The load conditions apply for operation on paved roads and transport conditions typical in Central Europe.
- Please enquire about uses other than these.

Technical Specification

Suitable for 2" king pins (class G 50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Mounting instructions at www.jost-world.com

Order key for ProTech Slider

Components and variants

Fifth wheel coupling JSK PO	Mounting height	Variants Handle/Maintenance	Customer hole pattern (all e-coated)
D0 = JSK 36 D (pressed steel)	**33** = 175 mm	**06** = Slider manual	**AA** = Standard (without hole pattern, no customer-specific pattern)
E0 = JSK 37 E (cast)	**47** = 205 mm	**11** = Slider manual/JSK 37 EW/LT1P/3 sensors*	**FC** = Mercedes-Benz hole pattern, new Actros (MP4) 950/M20
	71 = 260 mm	**20** = Slider pneumatic	**CB** = Renault/Volvo hole pattern 930/M14/Huckbolt
		24 = Slider pneumatic/JSK 37 EW/LT1P/3 sensors*	**FT** = Renault/Volvo hole pattern with short handle 930/M14/Huckbolt
		T6 = Slider manual/JSK 37 EW/LT1P	**GF** = IVECO hole pattern 920/M16
		I3 = Slider pneumatic/JSK 37 EW/LT1P	
		D6 = Slider manual/3 sensors*	
		D5 = Slider pneumatic/3 sensors*	
		* = remote display and cable set have to be ordered seperatly	

Explanations:

JSK 37 EW = Low-maintenance version with plastic top plate liner

LT*1P* = LubeTronic *1Point*

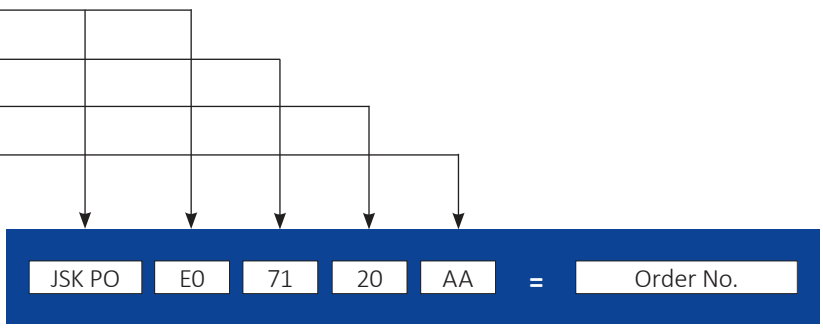
Example of an order number – JSK PO E0 71 20 AA

Fifth wheel coupling =

Mounting height =

Variants (handle/maintenance) =

Customer hole pattern =



Mounting kits

Customer hole pattern	Order No.	Quantity per PO
FC	SLE000000820	1
CB/FT	SLE000000720	1
GF	SLE000000120	1

available with

Sensoric LubeTronic *1P*

Remote display

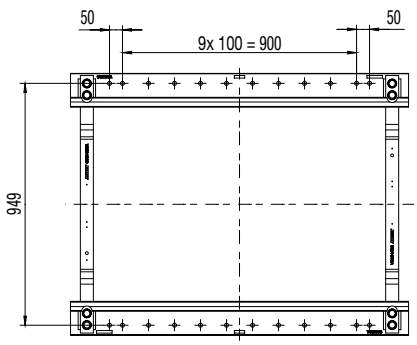
Order No.	Description	Weight (kg)
SKE501620200	3-sensor-display, 24 V (european Standard)	0,075
SKE501620500	3-sensor-display, 12 V	0,075

Cable set

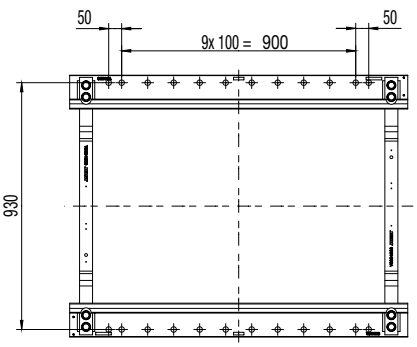
Order No.	Description	Weight (kg)
SKE002110300	ADR (for hazardous materials transporter)	1,85

Customer hole pattern

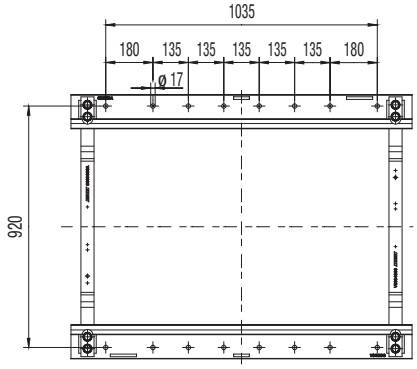
FC



CB / FT

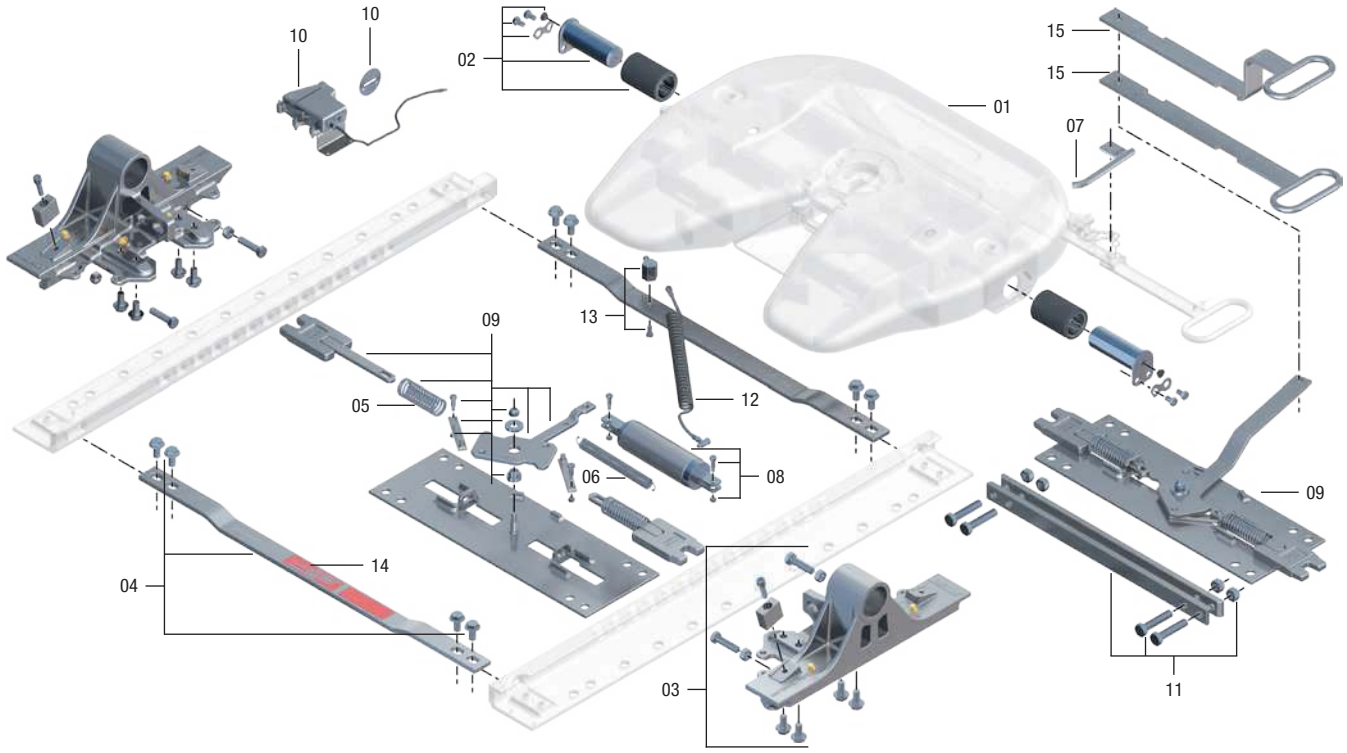


GF



JSK ProTech

Spare parts



Item	Description	Remark	Order No.	per Slider
01	Fifth wheel coupling	*		1
02	Bearing	for JSK PO E0xxxxxx	SK 3121-61	1
02	Bearing	for JSK PO D0xxxxxx	SK 2921-051	1
03	Pedestal, kit BH 175	for JSK PO D03306xx	SLE603240020	1
03	Pedestal, kit BH 175		SLE603240120	1
03	Pedestal, kit BH 205	for JSK PO E0xxxxxx	SLE603800020	1
03	Pedestal, kit BH 205	for JSK PO D0xxxxxx	SLE603800120	1
03	Pedestal, kit BH 260		SLE603260020	1
04	Traverse, kit		SLE600400020	2
05	Pressure spring		SLE201330020	1
06	Double tension spring		SLE202610000	2
07	Short handle compl.	for JSK 37 E/JSK 36 D	SKE501810000	1

Item	Description	Remark	Order No.	per Slider
08	Cylinder, kit		SLE202410020	1
09	Base plate, kit manual		SLE603450000	1
09	Base plate, kit pneumatic		SLE600010200	1
10	Pneumatics kit		V 1021-54	1
10	Pneumatics kit	for JSK PO D0 71 20 EK	SLE601680000	1
11	Bracing, kit	for JSK POD071xxxx	SLE601960020	1
12	Pneumatic pipe		SLE203070000	1
13	Connector, kit		SLE203050200	1
14	Typ designation		on request	1
15	Handle, kit BH 175/205 manual		SLE603360020	1
15	Handle, kit BH 260 manual		SLE603480020	1

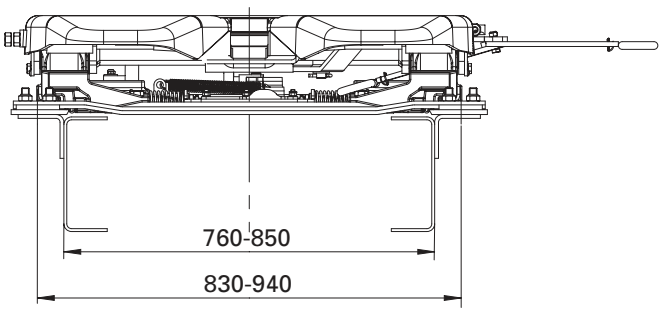
* Spare parts of fifth wheel coupling see JSK 37 E or JSK 36 D
The gear racks and the fifth wheel plate are not available as spare parts.

Repair manual under www.jost-world.com

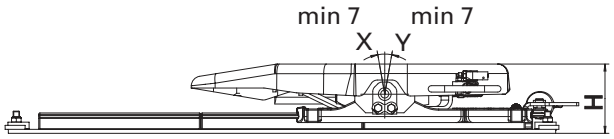
Sliders · JSK SL

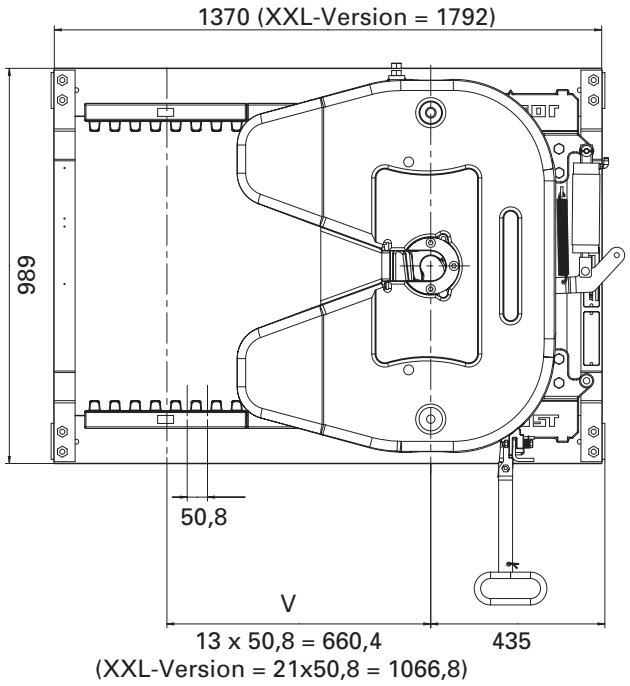
Advantages at a glance

- Low weight
- Suitable for all standard hole pattern types
- Optimum protection against corrosion thanks to E-coating



V = Sliding distance





Technical Data

Type	D value (kN)	Imposed load U (t)	Approval (ECE SL)
JSK SL	152	20	E1 55R-01 1151

Installation instructions under www.jost-world.com

- The JSK SL is not suitable for use in site traffic.
- The load conditions apply for operation on paved roads and transport conditions typical in Central Europe.
- Please enquire about uses other than these.

Technical Specification

Suitable for 2" king pins (class G 50) as per ECE R55-01, DIN 74080, ISO 337 and steering wedges as per ECE R55-01, DIN 74085.

Order key for JSK SL

Components and variants

Fifth wheel coupling JSK SL	Mounting height	Variants Handle / SK-Maintenance	Customer hole pattern types (all e-coated)	
D0 = JSK 36 D (pressed steel)	**32** = 173 mm	**06** = Slider manual	**AA** = Standard (without hole pattern, no customer-specific pattern)	
E0 = JSK 37 E (cast)	**45** = 203 mm	**07** = Slider manual/JSK 37 EW	**FV** = IVECO hole pattern	920/M16
	73 = 263 mm	**T6** = Slider manual/JSK 37 EW/LT*1P*	**DR** = DAF hole pattern	880/M16/150/100/200
		D6 = Slider manual/JSK 36 D + 3 Sensors*	**CK** = MAN hole pattern	880/M16
		20 = Slider pneumatic	**TS** = DAF hole pattern	880/M16
		21 = Slider pneumatic/JSK 37 EW	**CN** = RVI hole pattern	900/M16
		I3 = Slider pneumatic/JSK 37 EW/LT*1P*	**DV** = RVI hole pattern	940/M16
		D5 = Slider pneumatic/JSK 36 D + 3 Sensors*	**EC/GA** = Scania hole pattern*	880/M18/reinforced traverse
		V2 = Slider pneumatic/JSK 37 E/1 Sensor on Slider **	**BC/GC** = Scania hole pattern	880/M18
		X6 = XXL Slider manual	**BD** = Volvo hole pattern	930/M12
		X4 = XXL Slider manual/JSK 37 EW/LT*1P*	**DF** = JOST hole pattern XXL Slider	880/M16
		X8 = XXL Slider pneumatic		
		X5 = XXL Slider pneumatic/JSK 37 EW/LT*1P*		

* = remote display and cable set have to be ordered seperatly

** = only availiabe in mounting heights 173 mm and 203 mm with customer hole pattern type GA/GC

* = reinforced traverse only possible with elevated mounting angle

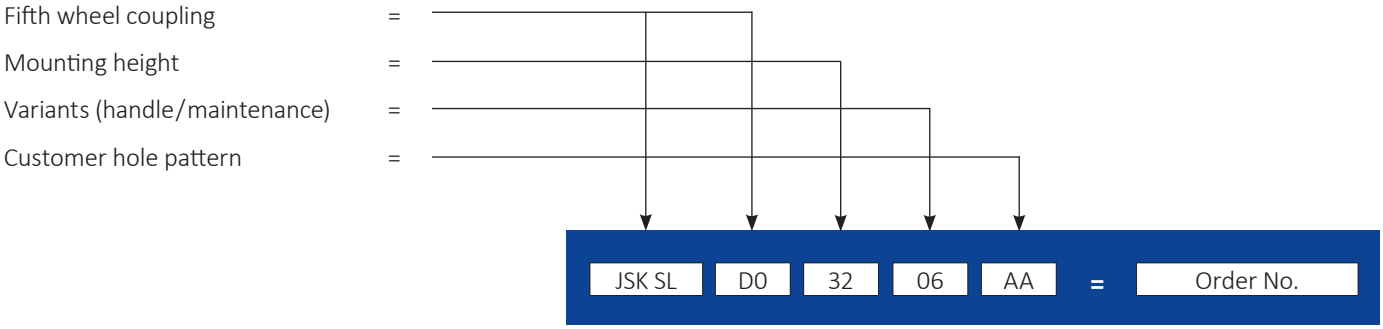
XXL-Slider only with “AA” or “DF” hole pattern

Explanations:

JSK 37 EW = Low-maintenance version with plastic top plate liner

LT*1P* = LubeTronic *1Point*

Example of an order number – JSK SL DO 32 06 AA



Mounting kits

Customer hole pattern	Order No.	Quantity per SL
CT/FV	SLE000000120	1
CK	SLE000000120	1
CN/DV	SLE000000120	1
BP	SLE000000120	1
CP/DR/TS	SLE000000120	1
DF	SLE000000120	2
BD	SLE000000320	1
EC/BC	SLE000000220	1
CB	SLE000000720	1

available with

Sensoric LubeTronic *1P*

Delivery time on request (not all combinations are possible)

Remote display

Order No.	Description	Weight (kg)
SKE501620200	3-sensor-display, 24 V (european Standard)	0,075
SKE501620500	3-sensor-display, 12 V	0,075

Cable set

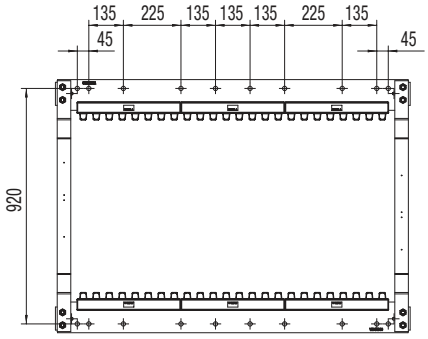
Order No.	Description	Weight (kg)
SKE002110200	ADR (for hazardous materials transporter)	1,85

Fleetmaster Handle

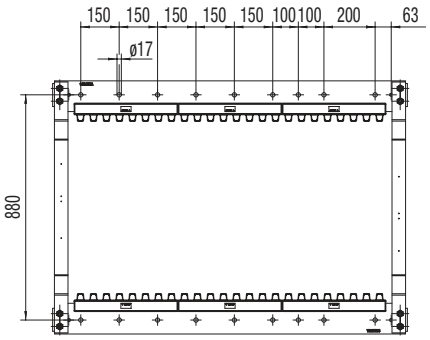
Order No.	Description	Weight (kg)
SKE070616469	complete for slider manual	2,00
SKE070616416	complete for slider pneumatic	2,00

Customer hole pattern

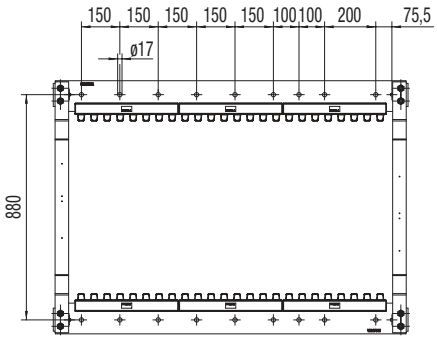
FV



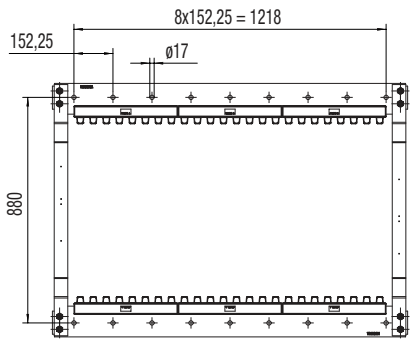
DR



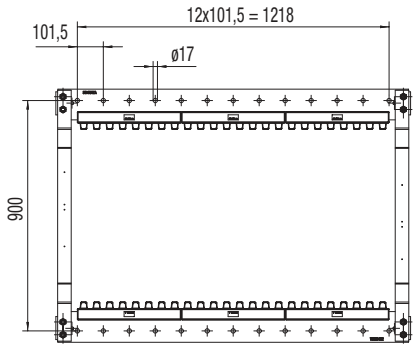
TS



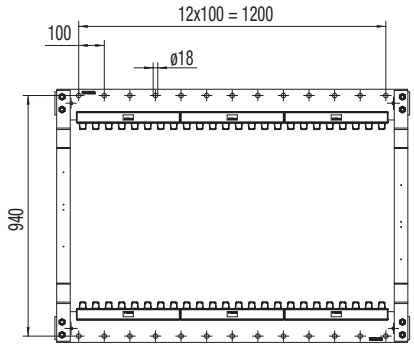
CK



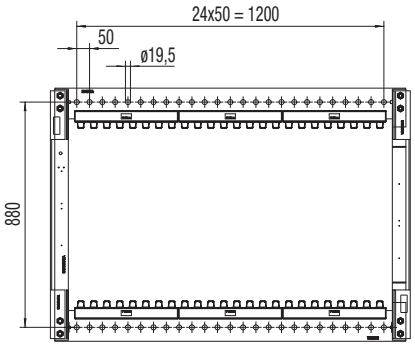
CN



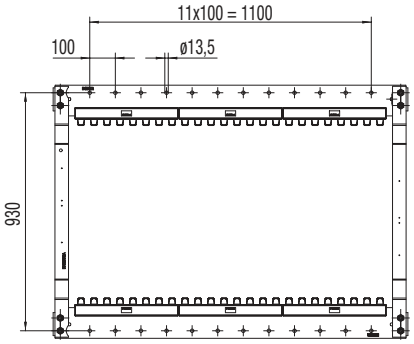
DV



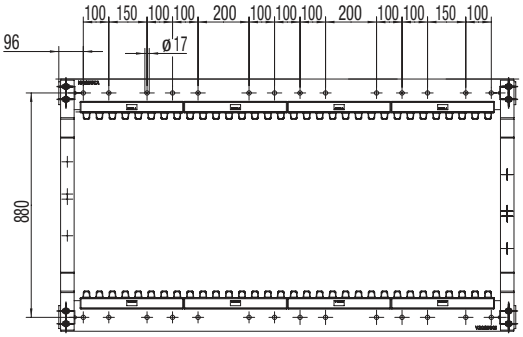
EC/GA/BC/GC



BD

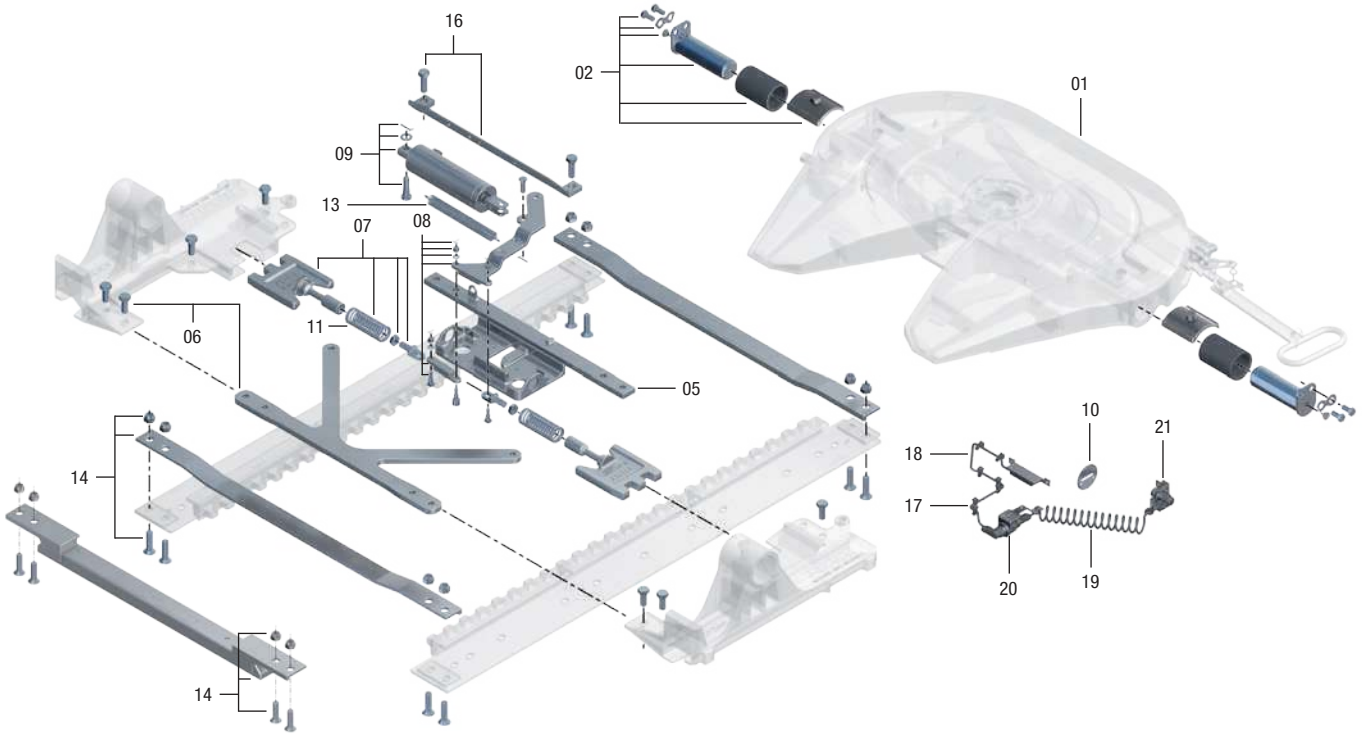


DF



JSK SL

Spare parts



Item	Description	Remark	Order No.	per JSK
01	Fifth wheel coupling	*		1
02	Bearing	for JSK SLEOxxxxxx	SK 3121-61	1
02	Bearing	for JSK SLDOxxxxxx	SK 2921-051	1
05	Bearing, kit		SLE202210020	1
06	Bracing, kit		SLE202120020	1
07	Stopper, kit	with 11	SLE202520020	2
08	Lever, kit		SLE202300020	1
09	Cylinder, kit	for pneumatic version	SLE202410020	1
10	Pneumatics kit	for pneumatic version	V 1021-54	1
11	Pressure spring		SLE201330020	2
13	Double tension spring		SLE202610000	1
14	Traverse, kit		SLE201380020	2
14	Reinforced traverse, kit Scania		SLE201380320	2
oZ	Handle, kit BH 173	for manual version	SLE202420020	1
oZ	Handle, kit BH 203	for manual version	SLE202850020	1
oZ	Handle, kit BH 220	for manual version	SLE202850020	1
oZ	Handle, kit BH 263	for manual version	SLE202720020	1
16	Bridge, kit	for manual version	SLE202770020	1
16	Bridge, kit	for pneumatic version	SLE203300020	1
16	Bridge, kit	for JSKSLxxxxV2xx	SLE205070120	1
17	Cable tie	for JSKSLxxxxV2xx	NTE004050000	7
18	Sensor kit	for JSKSLxxxxV2xx	SKE002331100	1
19	Coiled cable	for JSKSLxxxxV2xx	SLE203810100	1
20	Plug holder, Bearing plate kit	for JSKSLxxxxV2xx	SLE203790000	1
21	Plug holder, traverse, kit	for JSKSLxxxxV2xx	SLE203930000	1
22	Support for lift sensor, kit	for JSKSLxxxxV2xx	SLE203780000	1
23	Elbow lever with magnet	for JSKSLxxxxV2xx	SLE203820000	1

* Spare parts of fifth wheel coupling see JSK 37 E or JSK 36 D
The gear racks and the fifth wheel plate are not available as spare parts.

Spare parts for Sensoric please refer to Sensoric

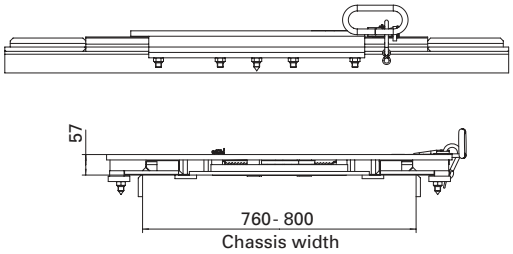
Sliders · EV HD

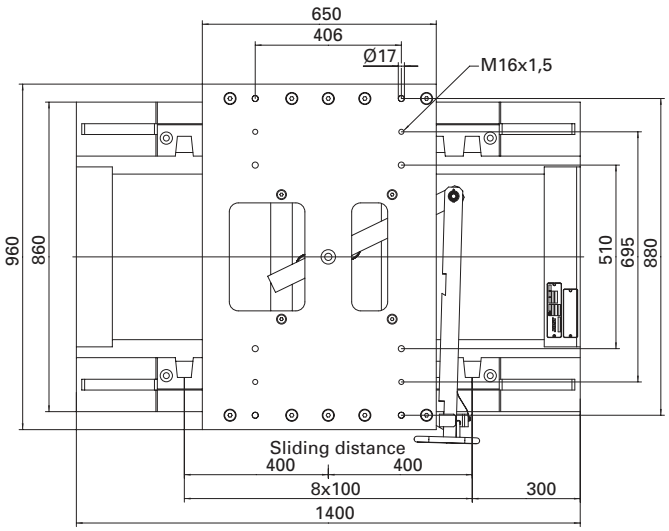
Advantages at a glance

- Heavy duty slider
- Especially robust
- 8 slide positions

EV HD-800-6

Order No.	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)
EV HD-800-6	260	36	226.0	E1 55R-01 1266

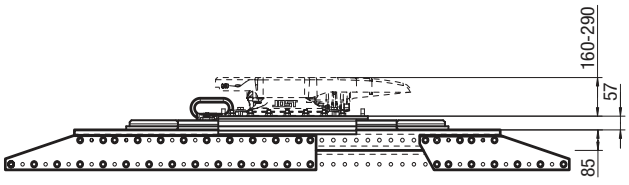


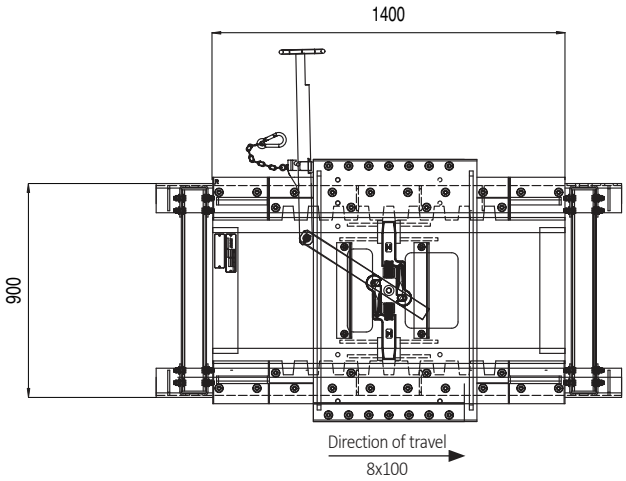


EVHD850101AA (Volvo and MB Actros new MP4)

Order No.	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (ECE)
EVHD850101AA*	260	36	323.0	E1 55R-01 1902

*Mounting kit: SLE203730000 (Volvo)





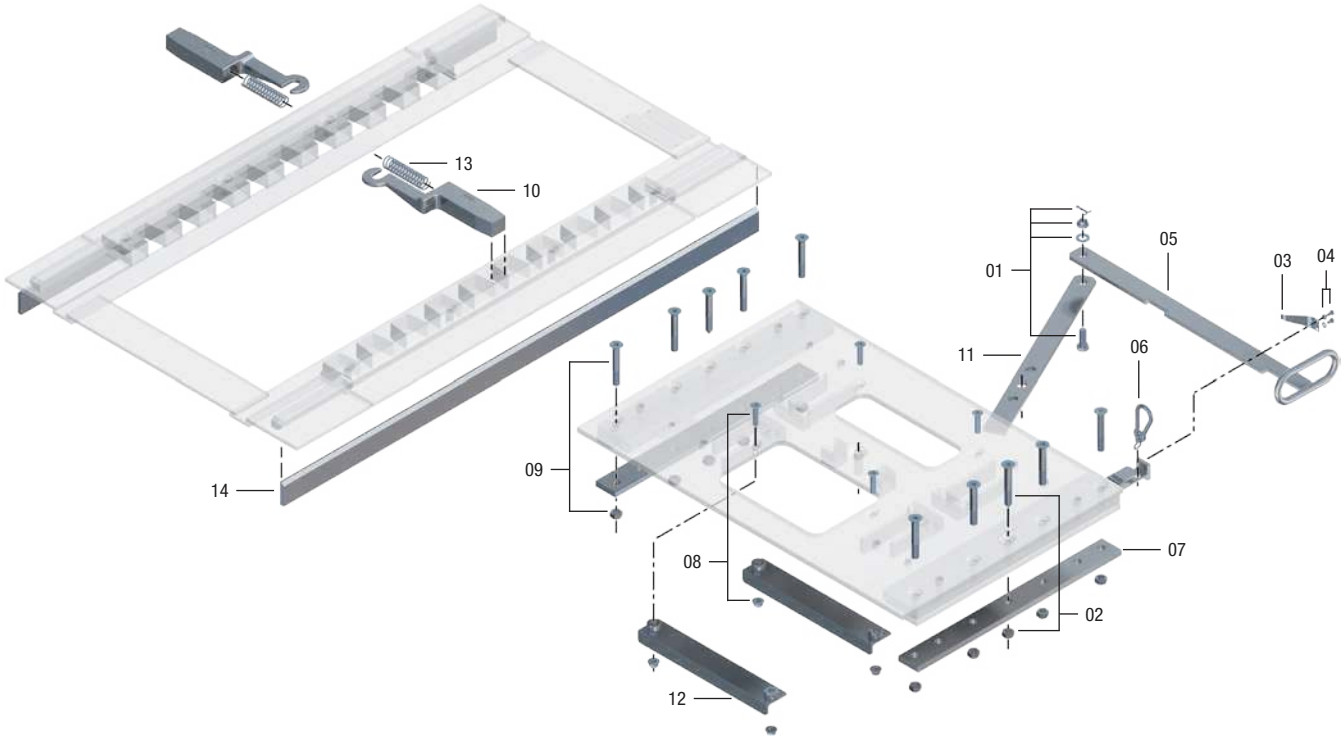
The load data apply to use on paved roads and for standard road conditions in Central Europe.

Technical Specification

Slider with ISO 3842 hole pattern for fifth wheel couplings as per DIN 74084 (heavy duty fifth wheel couplings) with coupling mounting heights of up to 290 mm.
Limited pitching angle with mounting height 160 mm
(X value = 7°, Y value = 6°, see JSK 38 C)

EV HD-800-6

Spare parts



EV HD-800-6

Item	Description	Remark	Order No.	per Slider
01	Hexagon bolt	compl.	V 2021-09	1
02	Indicator	compl.	V 2021-01	2
03	Leaf spring		SK 1859	1
04	Hexagon bolt	compl.	V 2021-04	2
05	Handle	compl.	SLE200527520	1
06	Spring hook with chain		SK 1436	1
07	Bar		V 2005-52	2

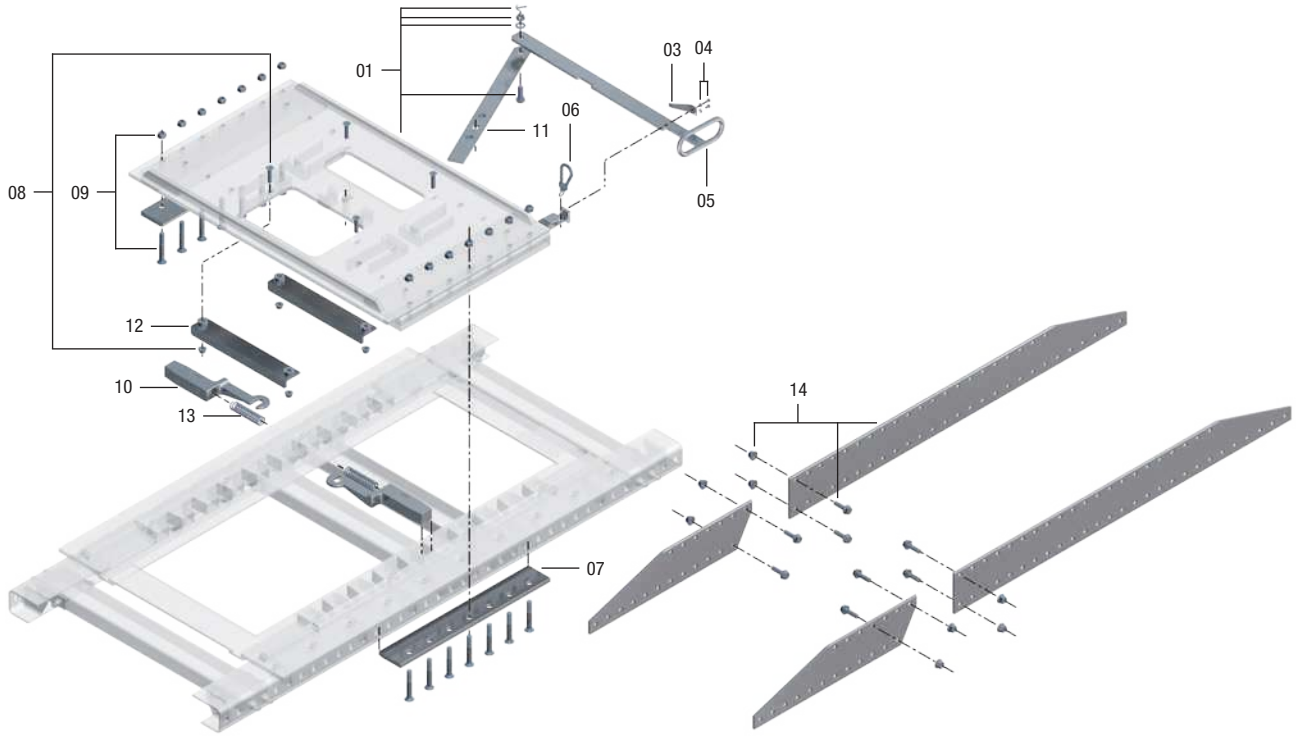
Item	Description	Remark	Order No.	pro Slider
08	Bolt kit		NTE001970000	1
09	Countersunk bolt	compl.	V 2021-02	8
10	Bar	compl.	SLE200511120	2
11	Lever	compl.	V 2005-30	1
12	Lever guide	compl.	SLE200510720	2
13	Pressure spring		SLE200510000	2
14	Bar		V 2005-06	2

Mounting kits for EV HD-800-6

consisting of	for mounting	Order No.	Quantity
	Slider EV HD-800-6 on mounting angles	V 2021-17	
Hexagon bolt M14 x 1,5 x 40			20
Lock nut M14 x 1,5			20
Stop block			4
Countersunk bolt M16 x 1,5 x 80			8
Lock nut M16 x 1,5			8
	Fifth wheel coupling on EV HD-800-6	V 2021-16	
Hexagon bolt M16 x 1,5 x 70			4
Hexagon bolt M16 x 1,5 x 40			4
Lock nut M16 x 1,5			8
Washer 17			12
Hexagon bolt M16 x 1,5 x 130			4
Stop block 15 x 15 x 100			6

EVHD850101AA (Volvo and MB Actros new MP4)

Spare parts



EVHD850101AA

Item	Description	Remark	Order No.	per Slider
01	Hexagon bolt	compl.	V 2021-09	1
03	Leaf spring		SK 1859	1
04	Hexagon bolt	compl.	V 2021-04	2
05	Handle	compl.	SLE200527520	1
06	Spring hook with chain		SK 1436	1
07	Bar		V 2005-52	2
08	Bolt kit		NTE001970000	1

Item	Description	Remark	Order No.	per Slider
09	Countersunk bolt	compl.	V 2021-02	14
10	Bar	compl.	SLE200511120	2
11	Lever	compl.	V 2005-30	1
12	Lever guide	compl.	SLE200510720	2
13	Pressure spring		SLE200510000	2
14	Mounting kit (VOLVO)		SLE203730000	1
14	Mounting kit (Actros new MP4)*		A 663 315 05-21	1

* to be ordered separately from Mercedes-Benz

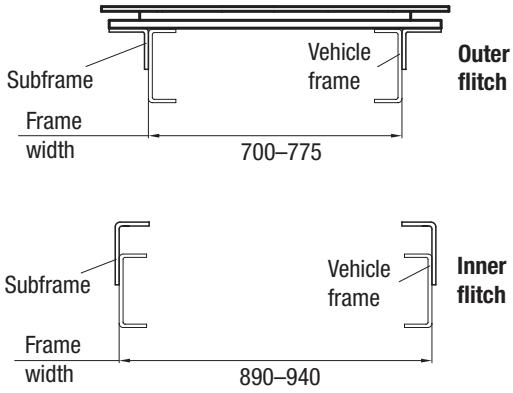
Mounting kits for EVHD850101AA

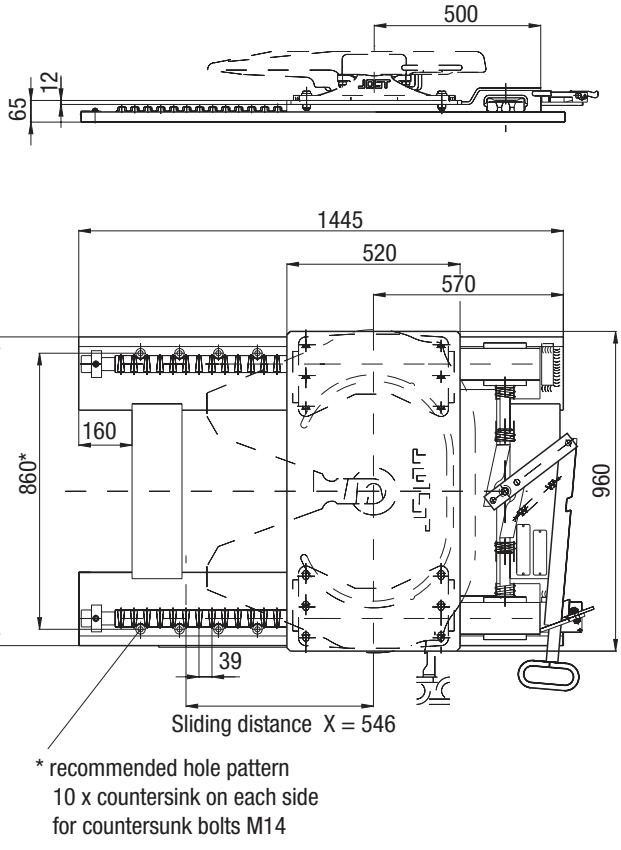
consisting of	for mounting	Order No.	Quantity
	Slider EV HD850101AA on mounting angles (VOLVO)	SLE203730000	
Spacer 650 x 143 x 8			2
Spacer 1350 x 143 x 8			2
Hexagon bolt M14 x 45			76
Lock nut M14			76
	Fifth wheel coupling on EVHD850101AA	SLE000000620	
Hexagon bolt M16 x 1,5 x 70			4
Lock nut M 16 x 1,5			4
Washer 17			12
Hexagon bolt M16 x 40			4
Hexagon bolt M16 x 60			4
Stop block 15 x 15 x 100			2
Stop block 12 x 25 x 100			4

Sliders · EV M

Mounting on the vehicle frame

Suitable for frame with outer flitches having a frame width of 700–775 mm. In the case of frame with inner flitches having a frame width of 890–940 mm.





Selection table / Versions available

Order No.	D value (kN)	Imposed load U (t)	Weight (kg)	Approval (EG)
EV M	133	18	186	e1 00-0413

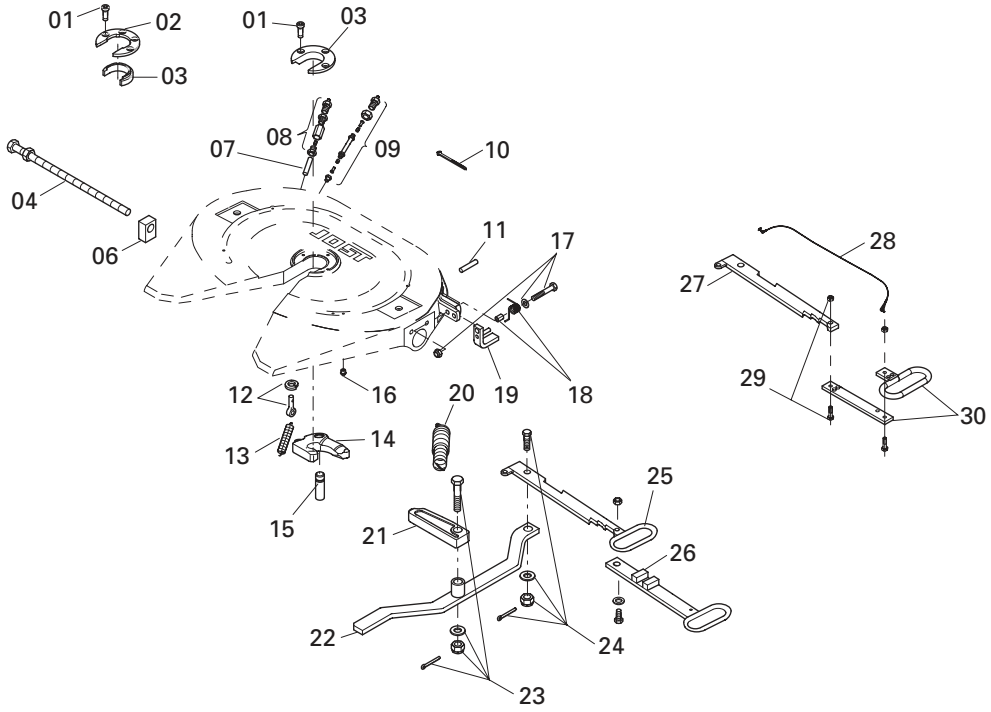
* Without holes

Technical Specification

Slider with connection hole pattern as per ISO 3842 for fifth wheel couplings as per DIN 74081 with fifth wheel coupling mounting heights of up to 250 mm, especially for the JSK 42 with DIN bearing.

JSK 37 EA

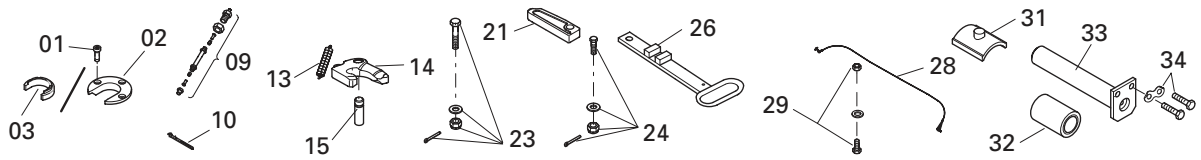
Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt	to xx31xxxxxx	SK 2121-07	3
01	Socket head bolt	from xx34xxxxxx	SK 3121-55	4
02	Mounting ring	from xx34xxxxxx	SK 3105-93	1
03	Wearing ring	to xx31xxxxxx	SK 2105-19	1
03	Locking bolt	from xx34xxxxxx	SK 3105-92	1
04	Adjusting screw	from xx31xxxxxx	SKE500740220	1
04	Adjusting screw	to xx28xxxxxx	SK 3105-150	1
06	Guide		SK 3205-07	1
07	Lubrication tube	to xx31xxxxxx	SK 1989	1
08	Nut and bolt	to xx31xxxxxx	SK 1976	1
09	Lubrication tube	compl. with item 10	SK 3108-02	1
10	Cable tie		SK 3121-13	1
11	Clamping sleeve	not appl. from xx28xxxxxx	SK 3521-07	1
12	Eye bolt	compl.	SK 2122-04	1
13	Tension spring		SK 847	1
14	Lock jaw	compl. with item 10	SK 1489 Z	1
15	Bolt		SK 2106-67	1

Item	Description	Remark	Order No.	per JSK
16	Threaded stopper		000.010.021	4
17	Hexagon bolt	compl.	SK 3521-03	1
18	Spring noose	to xx24xxxxxx	SK 3521-09	1
18	Spring noose	compl. from xx28xxxxxx	SK 3121-59	1
19	Latch	compl.	SK 3121-52	1
20	Double tension spring		SK 3105-20	1
21	Locking bolt		SK 3205-06	1
22	Lever		SK 3105-18	1
23	Bar bolt	compl.	SK 3221-01	1
24	Hexagon bolt	compl.	SK 1513	1
25	Handle	standard vers.	SK 3105-15	1
26	Handle extension	only in retrofit kit		
27	Locking bolt	for type J	SK 3105-115	1
28	Latch cord	compl. for type J	SK 3521-02	1
29	Hexagon bolt	compl. for type J	SK 2421-50	2
30	Handle	compl. with item 28 and 29	SK 3121-064	1

Repair and retrofit kits



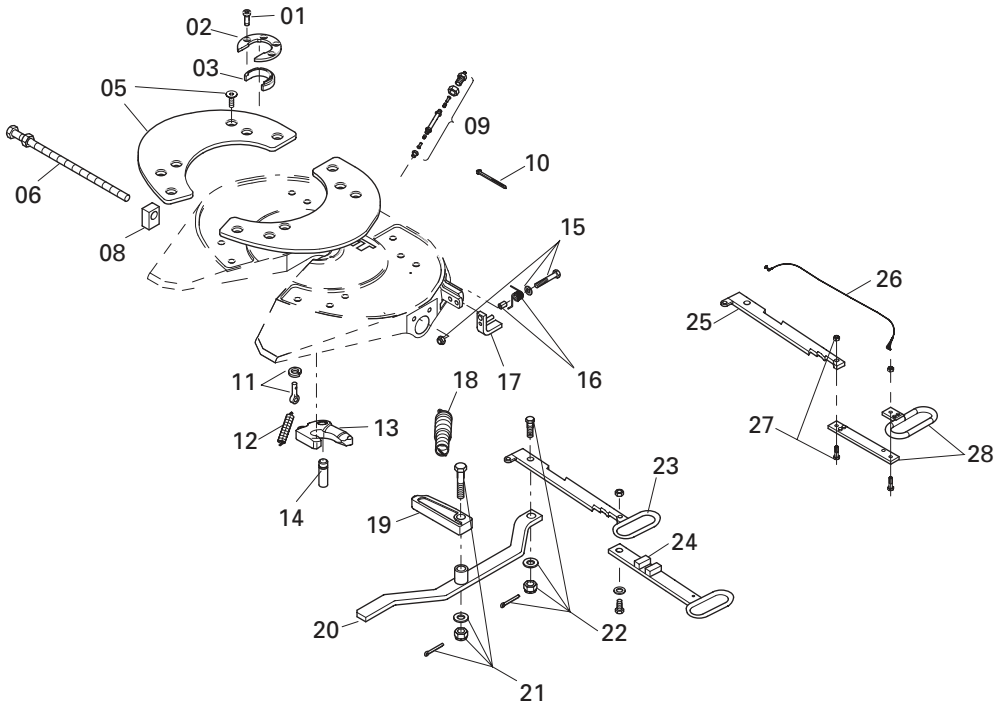
Item	Description	Order No.
01, 03, 09, 13, 14, 15	Repair kit for lock to xx31xxxxxx	SK 3221-50 Z
09, 13, 14, 15	Repair kit for lock	SK 3221-52 Z
01, 03, 09, 13, 14, 15, 24	Repair kit for lock to xx31xxxxxx	SK 3121-56 Z
01, 02, 03, 09, 13, 14, 15, 24	Repair kit for lock from xx34xxxxxx	SK 3121-60 Z

Item	Description	Order No.
32, 33, 34	Repair kit for bearing to xx28xxxxxx	SK 3121-58
31, 32, 33, 34	Repair kit for bearing from xx31xxxxxx	SK 3121-61
26, 28, 29	Retrofit kit handle extension compl.	SK 3121-063
01, 03, 09, 10, 13, 14, 15, 21, 23, 24	Repair kit for lock to xx31xxxxxx	SK 3121-072 Z

Repair instructions at www.jost-world.com

JSK 37 EAW

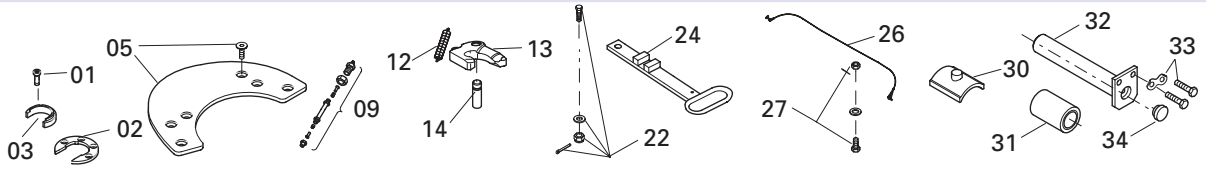
Spare parts



Item	Description	Remark	Order No.	per JSK
01	Socket head bolt		SK 3121-55	4
02	Mounting ring		SK 3105-93	1
03	Locking bolt		SK 3105-92	1
05	Slide washer, left	compl. with screws	SK 3105-129L	1
05	Slide washer, right	compl. with screws	SK 3105-129R	1
06	Adjusting screw		SK 3105-151	1
08	Guide		SK 3205-07	1
09	Lubrication tube	compl. with item 10	SK 3108-02	1
10	Cable tie		SK 3121-13	1
11	Eye bolt	compl.	SK 2122-04	1
12	Tension spring		SK 847	1
13	Lock jaw	compl. with item 10	SK 1489 Z	1
14	Bolt		SK 2106-67	1
15	Hexagon bolt	compl.	SK 3521-03	1

Item	Description	Remark	Order No.	per JSK
16	Spring noose	compl.	SK 3121-59	1
17	Latch	compl.	SK 3121-52	1
18	Double tension spring		SK 3105-20	1
19	Locking bolt		SK 3205-06	1
20	Lever		SK 3105-18	1
21	Bar bolt	compl.	SK 3221-01	1
22	Hexagon bolt	compl.	SK 1513	1
23	Handle	standard vers.	SK 3105-15	1
24	Handle extension	only in retrofit kit		
25	Locking bolt	for type J	SK 3105-115	1
26	Latch cord	compl. for type J	SK 3521-02	1
27	Hexagon bolt	compl. for type J	SK 2421-50	2
28	Handle	compl. with item 26 and 27	SK 3121-064	1

Repair and retrofit kits



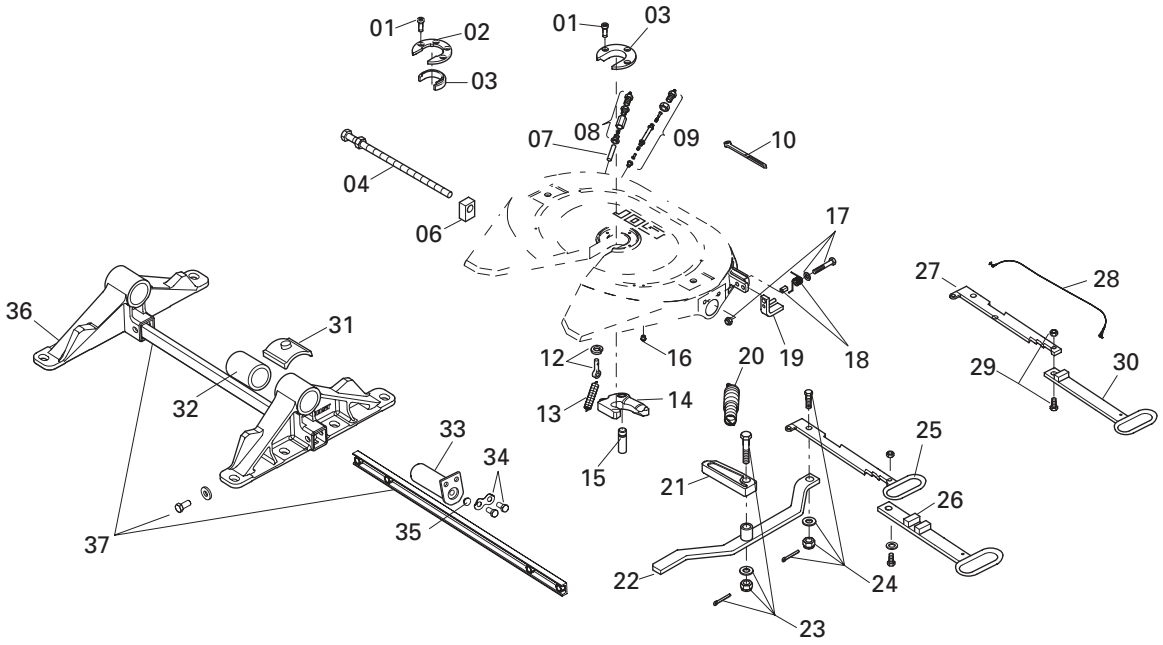
Item	Description	Order No.
09, 12, 13, 14	Repair kit for lock	SK 3221-52 Z
01, 02, 03, 09, 12, 13, 14, 22	Repair kit for lock	SK 3121-60 Z
05	Repair kit washer with srew	SK 3106-003

Item	Description	Order No.
30, 31, 32, 33, 34	Repair kit for bearing	SK 3121-61
24, 26, 27	Retrofit kit handle extension compl.	SK 3121-063

Repair instructions at www.jost-world.com

JSK 37 ER

Spare parts

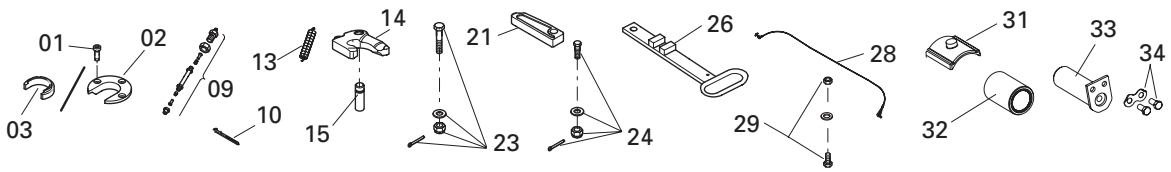


Item	Description	Remark	Order No.	per JSK
01	Socket head bolt	to xx31xxxxxx	SK 2121-07	3
01	Socket head bolt	from xx34xxxxxx	SK 3121-55	4
02	Mounting ring	from xx34xxxxxx	SK 3105-93	1
03	Wearing ring	to xx31xxxxxx	SK 2105-19	1
03	Locking bolt	from xx34xxxxxx	SK 3105-92	1
04	Adjusting screw		SKE500740220	1
06	Guide		SK 3205-07	1
07	Lubrication tube	to xx31xxxxxx	SK 1989	1
08	Nut and bolt	to xx31xxxxxx	SK 1976	1
09	Lubrication tube	compl. with item 10	SK 3108-02	1
10	Cable tie		SK 3121-13	1
12	Eye bolt	compl.	SK 2122-04	1
13	Tension spring		SK 847	1
14	Lock jaw	compl. with item 10	SK 1489 Z	1
15	Bolt		SK 2106-67	1
16	Threaded stopper		000.010.021	4
17	Hexagon bolt	compl.	SK 3521-03	1
18	Spring noose	compl.	SK 3121-59	1
19	Latch	compl.	SK 3121-52	1
20	Double tension spring		SK 3105-20	1
21	Locking bolt		SK 3205-06	1
22	Lever		SK 3105-18	1
23	Bar bolt	compl.	SK 3221-01	1

Item	Description	Remark	Order No.	per JSK
24	Hexagon bolt	compl.	SK 1513	1
25	Handle	standard vers.	SK 3105-15	1
26	Handle extension	only in retrofit kit		
27	Locking bolt	for type J	SK 3105-115	1
28	Latch cord	compl. for type J	SK 3521-02	1
29	Hexagon bolt	compl. for type J	SK 2421-50	1
30	Handle	for type J	SK 3105-113	1
31	Collar		SK 3105-95	2
32	Rubber bushing	compl.	SK 2905-94	2
33	Pivot pin	with item 35	SK 3104-05	2
34	Hexagon bolts	compl.	SK 3121-071	2
35	Plug		JS 1101-012	2
36	Pedestal H 148*	for version 01	SK 3104-40-01	2
36	Pedestal H 148*	for version 02	SK 3104-40-02	2
36	Pedestal H 190	for version 01	SK 3104-41-01	2
36	Pedestal H 190	for version 02	SK 3104-41-02	2
36	Pedestal H 225	for version 01	SK 3104-42-01	2
36	Pedestal H 225	for version 02	SK 3104-42-02	2
37	Traverse	compl. f. H 190 + H 225	SK 3104-47	1

* Vehicle manufacturers stipulate an additional frame plate as reinforcement for this mounting height. Please follow the mounting guidelines given by the vehicle manufacturer.

Repair and retrofit kits



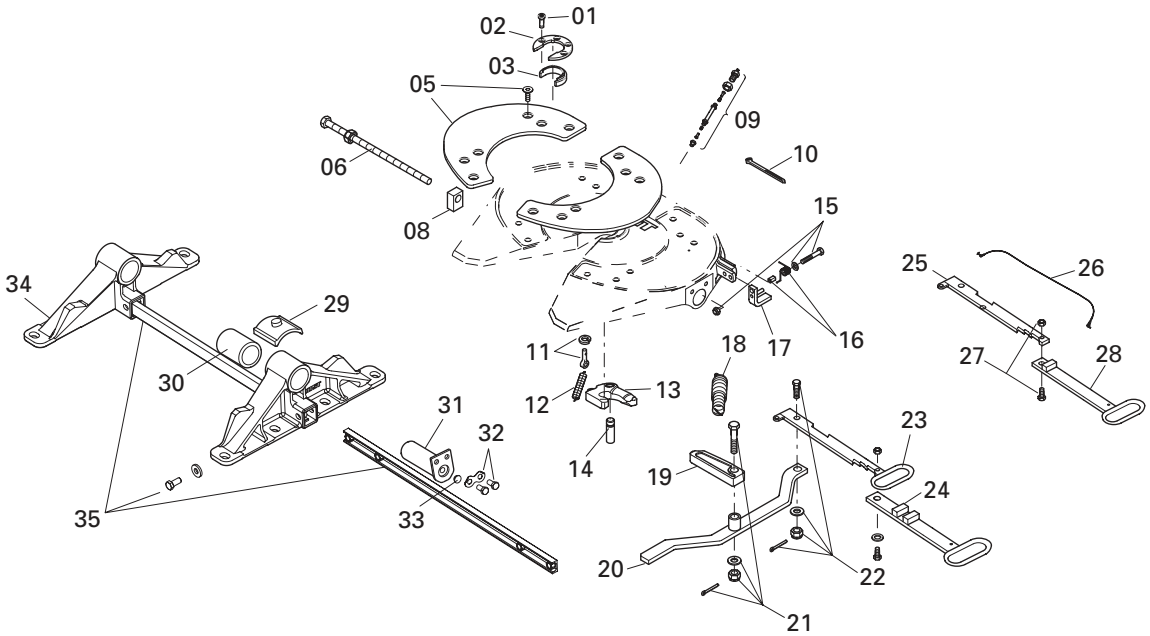
Item	Description	Order No.
01, 03, 09, 13, 14, 15	Repair kit for lock to xx31xxxxxx	SK 3221-50 Z
09, 13, 14, 15	Repair kit for lock	SK 3221-52 Z
01, 03, 09, 13, 14, 15, 24	Repair kit for lock to xx31xxxxxx	SK 3121-56 Z
01, 02, 03, 09, 12, 13, 14, 23	Repair kit for lock from xx34xxxxxx	SK 3121-60 Z

Item	Description	Order No.
31, 32, 33, 34, 35	Repair kit for bearing	SK 3121-61
26, 28, 29	Retrofit kit handle extension compl.	SK 3121-063
01, 03, 09, 10, 13, 14, 15, 21, 23, 24	Repair kit for lock to xx31xxxxxx	SK 3121-072 Z

Repair instructions at www.jost-world.com

JSK 37 ERW

Spare parts

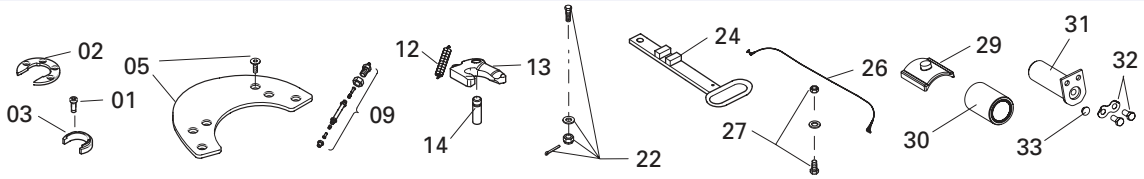


Item	Description	Remark	Order No.	per JSK
01	Socket head bolt		SK 3121-55	4
02	Mounting ring		SK 3105-93	1
03	Locking bolt		SK 3105-92	1
05	Slide washer, left	compl. with screws	SK 3105-129L	1
05	Slide washer, right	compl. with screws	SK 3105-129R	1
06	Adjusting screw		SKE500740220	1
08	Guide		SK 3205-07	1
09	Lubrication tube	compl. with item 10	SK 3108-02	1
10	Cable tie		SK 3121-13	1
11	Eye bolt	compl.	SK 2122-04	1
12	Tension spring		SK 847	1
13	Lock jaw	compl. with item 10	SK 1489 Z	1
14	Bolt		SK 2106-67	1
15	Hexagon bolt	compl.	SK 3521-03	1
16	Spring noose	compl.	SK 3121-59	1
17	Latch	compl.	SK 3121-52	1
18	Double tension spring		SK 3105-20	1
19	Locking bolt		SK 3205-06	1
20	Lever		SK 3105-18	1
21	Bar bolt	compl.	SK 3221-01	1
22	Hexagon bolt	compl.	SK 1513	1

Item	Description	Remark	Order No.	per JSK
23	Handle	standard vers.	SK 3105-15	1
24	Handle extension	only in retrofit kit		
25	Locking bolt	for type J	SK 3105-115	1
26	Latch cord	compl. for type J	SK 3521-02	1
27	Hexagon bolt	compl. for type J	SK 2421-50	1
28	Handle	for type J	SK 3105-113	1
29	Collar		SK 3105-95	2
30	Rubber bushing	compl.	SK 2905-94	2
31	Pivot pin	with item 33	SK 3104-05	2
32	Hexagon bolts	compl.	SK 3121-071	2
33	Plug		JS 1101-012	2
34	Pedestal H 148*	for version 01	SK 3104-40-01	2
34	Pedestal H 148*	for version 02	SK 3104-40-02	2
34	Pedestal H 190	for version 01	SK 3104-41-01	2
34	Pedestal H 190	for version 02	SK 3104-41-02	2
34	Pedestal H 225	for version 01	SK 3104-42-01	2
34	Pedestal H 225	for version 02	SK 3104-42-02	2
35	Traverse	compl. f. H 190 + H 225	SK 3104-47	1

* Vehicle manufacturers stipulate an additional frame plate as reinforcement for this mounting height. Please follow the mounting guidelines given by the vehicle manufacturer.

Repair and retrofit kits



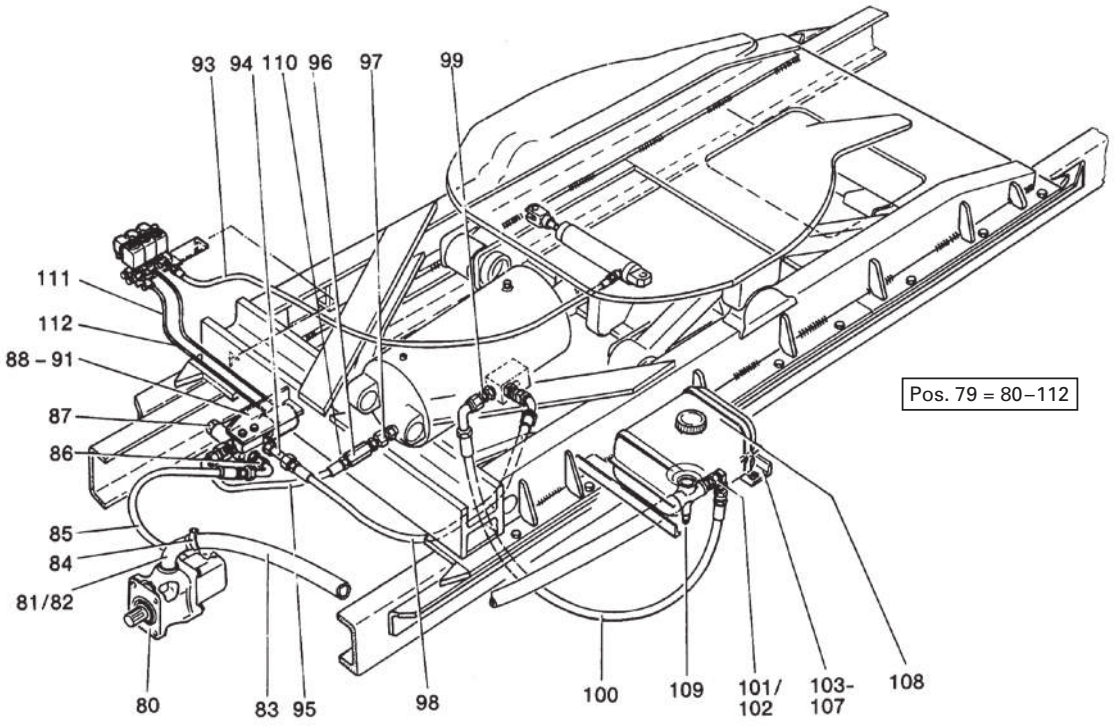
Item	Description	Order No.
09, 12, 13, 14	Repair kit for lock	SK 3221-52 Z
01, 02, 03, 09, 12, 13, 14, 22	Repair kit for lock	SK 3121-60 Z
05	Repair kit washer with srew	SK 3106-003

Item	Description	Order No.
29, 30, 31, 32, 33	Repair kit for bearing	SK 3121-61
24, 26, 27	Retrofit kit handle extension compl.	SK 3121-063

Repair instructions at www.jost-world.com

RO✶66 LA – Hydraulic kit

Spare parts



Item	Description	Remark	Order No.	per RO✶66
79	Hydraulic kit	contains 80–112	ROE 69169	1
79	Hydraulic kit LD	contains 81–112	ROE 69168	1
80	Hydraulic pump		ROE 69170	1
81	Intake connection		ROE 90065	1
82	O-ring			1
83	Spiral hose			1
84	Hose clamp			2
85	High-pressure hose			1
86	Threaded elbow joint			3
87	Control tilt valve		ROE 69171	1
88	Angle bracket			1
89	Separator			1
90	Hexagon bolt			2
91	Lock nut			2
93	Air hose		ROE 90063	1
94	Mounting props			1
95	High-pressure hose			1

Item	Description	Remark	Order No.	per RO✶66
96	Lowering brake valve		ROE 90071	1
97	Nut and bolt		ROE 90062	1
98	Return hose			1
99	Nut and bolt			2
100	Return hose		ROE 90093	1
101	Nut and bolt			1
102	Reducer		ROE 90074	1
103	Fastening bow			2
104	Angle bracket left			1
105	Angle bracket right			1
106	Hexagon bolt			4
107	Hexagon nut			4
108	Oil tank	with T-piece 109	ROE 90066	1
109	T-piece			1
110	Sealing ring			1
111	Nut and bolt			1
112	Tube 3 m			1

Repair and retrofit kits

Item	Description	Order No.
•	Screw connection for valve control block	ROE 90100

Repair instructions at www.jost-world.com



2" and 3½" king pins

The king pin is a component of the coupling between the semi-trailer and the tractor unit.

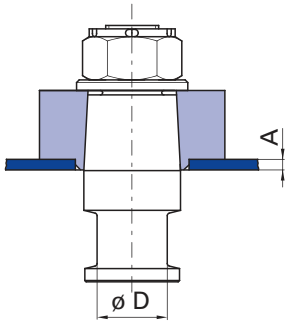
Different designs make it possible to install king pins onto a trailer quite easily. JOST king pins satisfy the most stringent safety requirements. They are produced from high-quality, coated, forged blanks which are tested for the complete absence of cracks. Exchanging or converting our king pins is both quick and easy.

National regulations (in Germany §§19, 20, 21 of the "StVZO" Motor Vehicle Safety Standards) and JOST mounting and operating instructions must be observed for the installation, conversion and replacement of king pins.

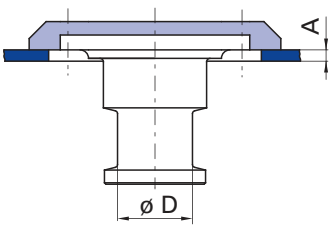
For safety reasons, we recommend only using the screws once.



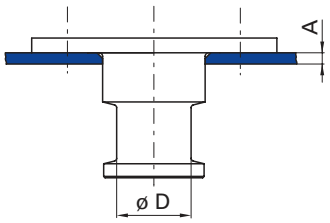
JOST king pin designs



Pins for retention plates with cone-shaped locating hole (flange).



Pins for dish-shaped retention plates (plate).
The pin is bolted to the retention plate and is easy to replace from underneath. 2" and 3½" pins can be interchanged on some types.



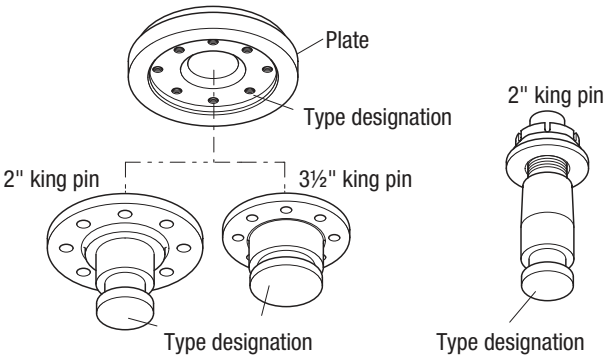
Pins without a retention plate. The pin is bolted to the top plate.

All the designs satisfy the requirements of the currently valid standards:
2" king pins (ø D = 2"): dimensions as per directive ECE R55-01 – Class H50, DIN 74080 and ISO 337. 3½" king pins (ø D = 3½"): dimensions as per DIN 74083, ISO 4086 and directive ECE R55-01.

The retention plate is welded to the skid plate. The relevant permitted load (D value) depends on the type of king pin and the skid plate thickness (A) in use and its bracing.
(Please also see our instructions for mounting and operation.)

Marking

The respective type designation is stamped into the pin and the retention plate. The type designation must match on both components. If several type designations are stamped into the retention plate, the pin may be changed for the type designations stamped into the retention plate. Example: switching from 2" to 3½" pins. Legal regulations must be observed.



Type key

	KZ	10	08
		11	10
		13	12
		14	16
		15	
King pins		28	
Series		52	

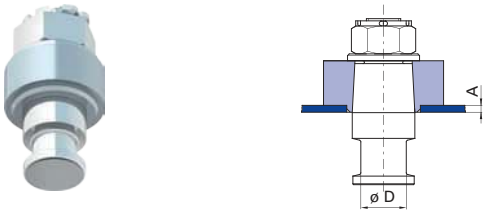
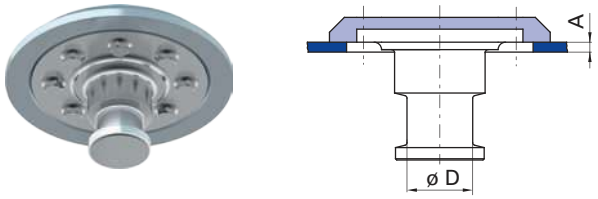
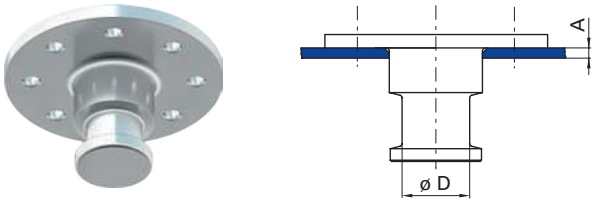
Skid plate thickness A

08 A = 8 mm
10 A = 10 mm
12 A = 12 mm
16 A = 16 mm

Product overview

2" king pins for use with 2" fifth wheel couplings as per directive ECE R55-01 as well as DIN 74081 and ISO 3842.
3½" king pins for use with 3½" fifth wheel couplings as per directive ECE R55-01 as well as DIN 74084 and ISO 3842.

All king pins are suitable for use in self-steering axle systems.

Design	D-value (kN)	King pin (D)	Series
	152 260	2" 3½"	KZ 1108-1112 KZ 1116
	152 162 170 162 320 170 400	2" 2" 2" 3½" 3½" 3½" 3½"	KZ 2816 KZ 1008-1012 KZ 1516 KZ 1410-1412 KZ 1016 KZ 1416 KZ5216
	105	2"	KZ 1312

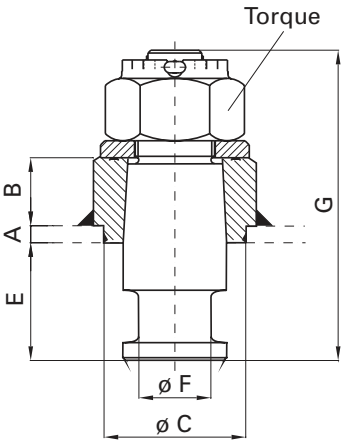
KZ 1108 – 1116

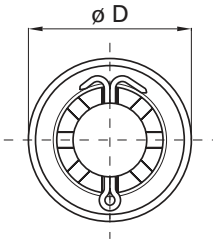


KZ 1112



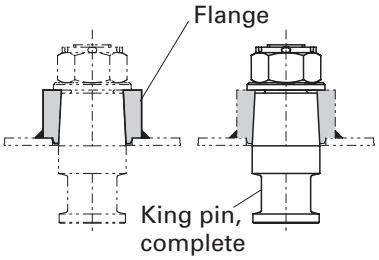
KZ 1116





Selection table / Versions available

Order No. King pins, compl.	D value (kN)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F	G (mm)	Approval (ECE)	Torque (Nm)
KZ 1108	152	8	52	ø 100	ø 115	84	2"	219	E1 55R-01 0146	1200
KZ 1110	152	10	50	ø 100	ø 115	84	2"	219	E1 55R-01 0146	1200
KZ 1112	152	12	48	ø 100	ø 115	84	2"	219	E1 55R-01 0146	1200
KZ 1116	260	16	80	ø 140	ø 160	74	3½"	228	E1 55R-01 0151	1500

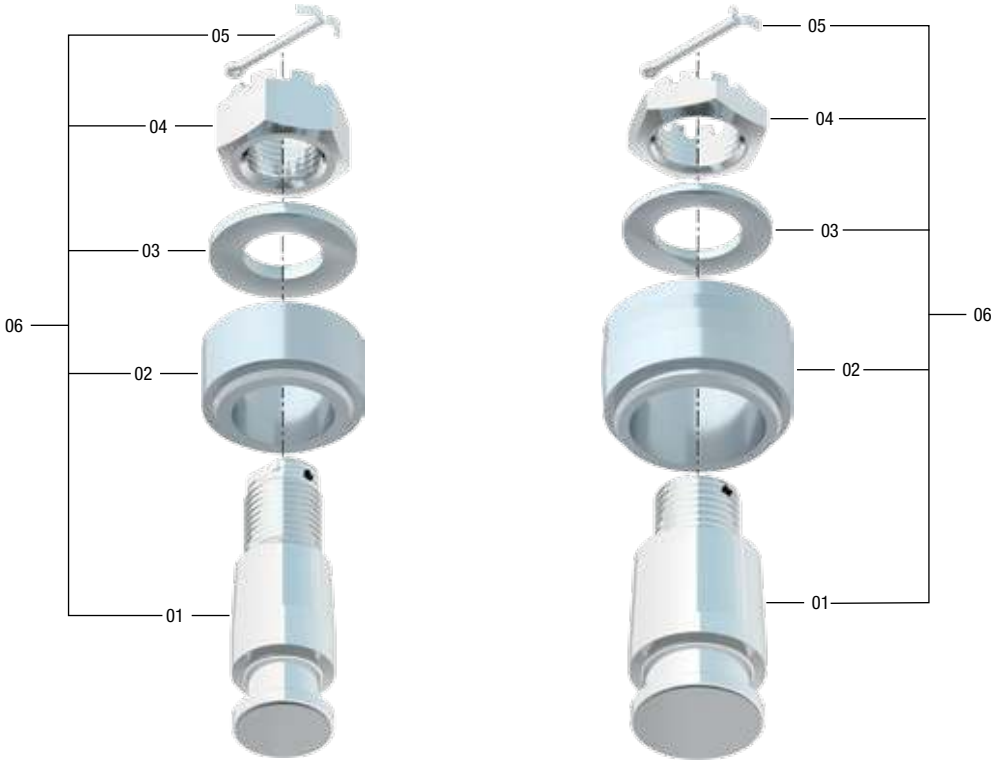


Delivery includes

- Pin complete/flange

KZ 1108 – 1116

Spare parts



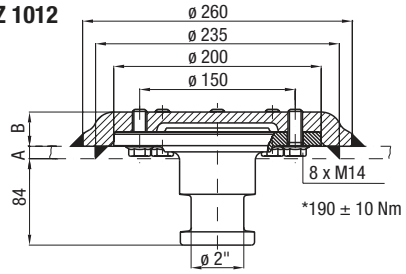
2"
KZ 1112

3½"
KZ 1116

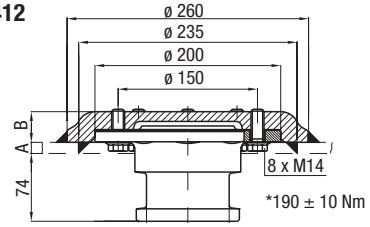
Item	Description	Remark	Order No.	per King pin
01	Pin	for KZ 1116	KZ 1116-01	1
01	Pin	for KZ 1108, KZ 1110, KZ 1112	KZ 1112-01	1
02	Mounting flange	for KZ 1112	KZ 1112-02	1
02	Mounting flange	for KZ 1110	KZ 1110-02	1
02	Mounting flange	for KZ 1116	KZ 1116-02	1
02	Mounting flange	for KZ 1108	KZ 1108-02	1
03	Washer	for KZ 1116	KZE 1116-03	1
03	Washer	for KZ 1108, KZ 1110, KZ 1112	KZE 1112-03	1
04	Castle nut	for KZ 1108, KZ 1110, KZ 1112	KZE 1112-04	1
04	Castle nut	for KZ 1116	KZE 1116-04	1
05	Split pin	for KZ 1116	KZE 1116-05	1
05	Split pin	for KZ 1108, KZ 1110, KZ 1112	KZE 1112-05	1
06	King pin, compl.	for KZ 1108, KZ 1110, KZ 1112	KZ 1112-06	1
06	King pin, compl.	for KZ 1116	KZ 1116-06	1

KZ 1008 – 1012, KZ 1410 – 1412

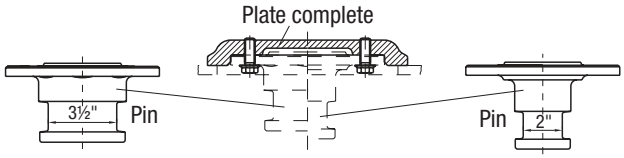
KZ 1008 – KZ 1012



KZ 1410 – KZ 1412



* Torque



KZ 1412-01 **KZ 1012-01**

Selection table / Versions available

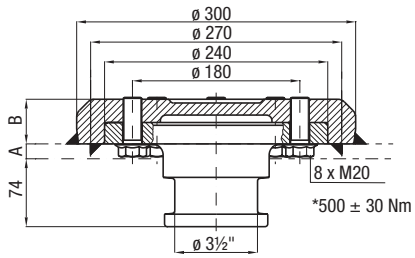
Order No. King pins, compl.	D value (kN)	A (mm)	B (mm)	Approval (ECE)
KZ 1008	162	8	37	E1 55R-01 0145
KZ 1010	162	10	34	E1 55R-01 0145
KZ 1012	162	12	33	E1 55R-01 0145
KZ 1410	162	10	34	E1 55R-01 0147
KZ 1412	162	12	33	E1 55R-01 0147

Delivery includes

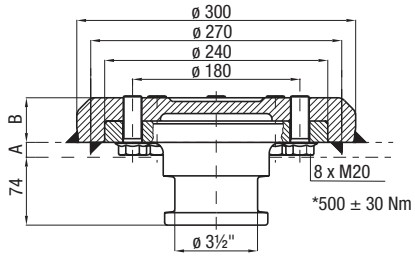
- King pin complete with plate and screws (mounted)

KZ 1016, 1516, 5216

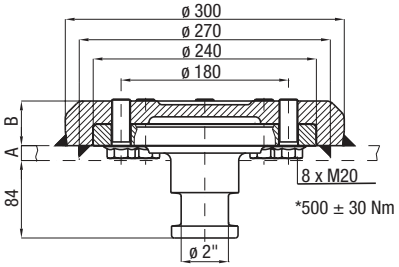
KZ 1016



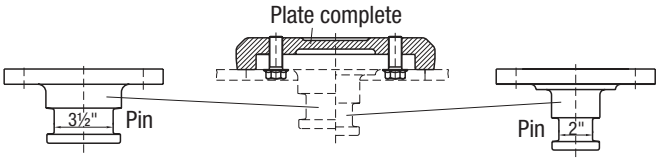
KZ 5216



KZ 1516



* Torque



KZ 1016-01
KZ 5216-01

KZ 1516-01

Selection table / Versions available

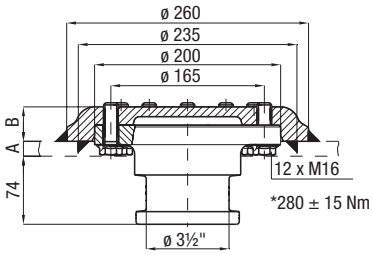
Order No. King pins, compl.	D value (kN)	A (mm)	B (mm)	Approval (ECE)
KZ 1516	170	16	48	E1 55R-01 0148
KZ 1016	320	16	48	E1 55R-01 0150
KZ 5216	400	16	48	E1 55R-01 2936

Delivery includes

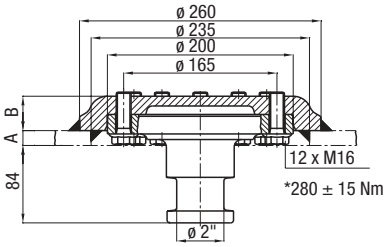
- King pin complete with plate and screws (mounted)

KZ 1416, 2816

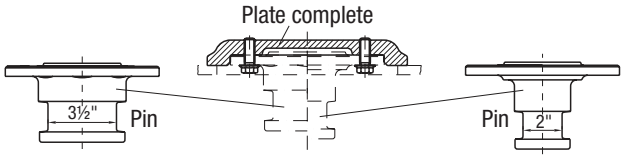
KZ 1416



KZ 2816



* Torque



KZ 1416-01 **KZ 2816-01**

Selection table / Versions available

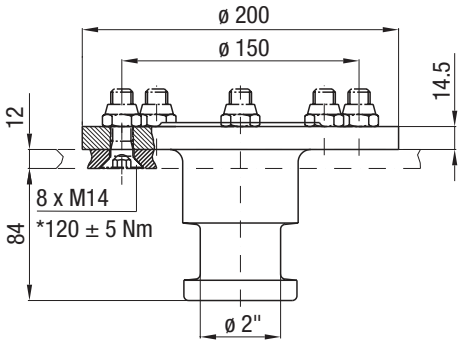
Order No. King pins, compl.	D value (kN)	A (mm)	B (mm)	Approval (ECE)
KZ 2816	152	16	37	-
KZ 1416	170	16	37	E1 55R-01 1572

Delivery includes

- King pin complete with plate and screws (mounted)

KZ 1312

KZ 1312



* Torque

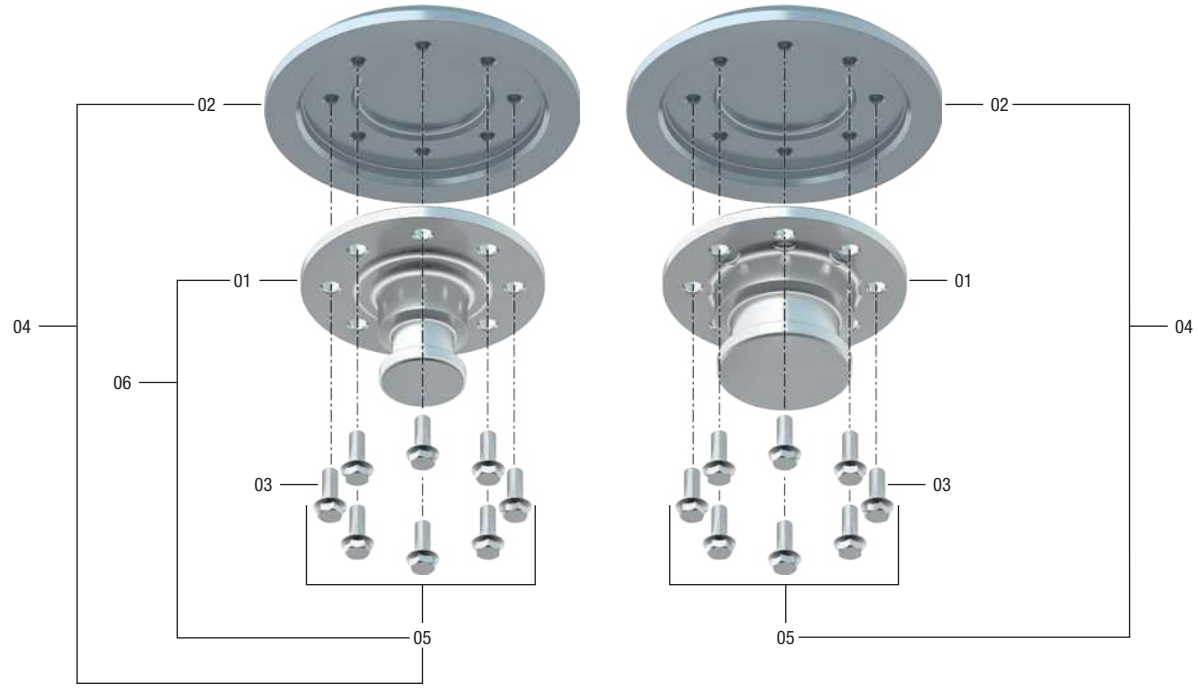
Selection table / Versions available

Order No. King pins, compl.	D value (kN)	Approval (D)
KZ 1312	105	F 3458

Mounting kit = KZE 1312-05, consisting of 8 screws with self-locking nuts (please order separately).

KZ 10.., 14.., 15.., 28.., 52..

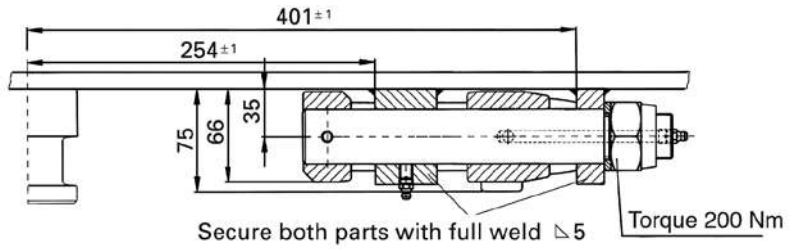
Spare parts

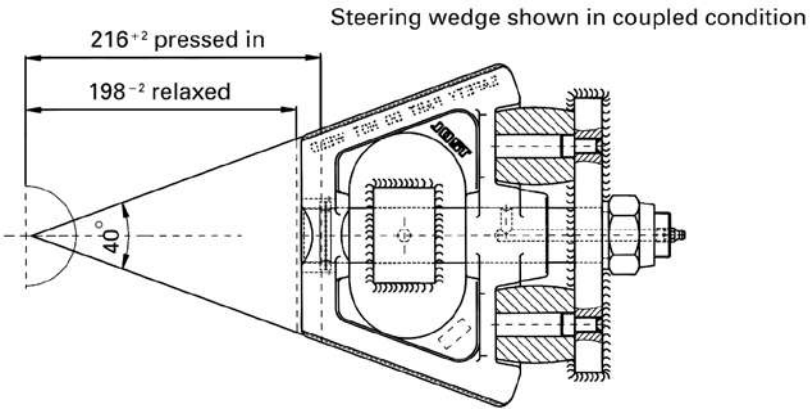


2" 3½"

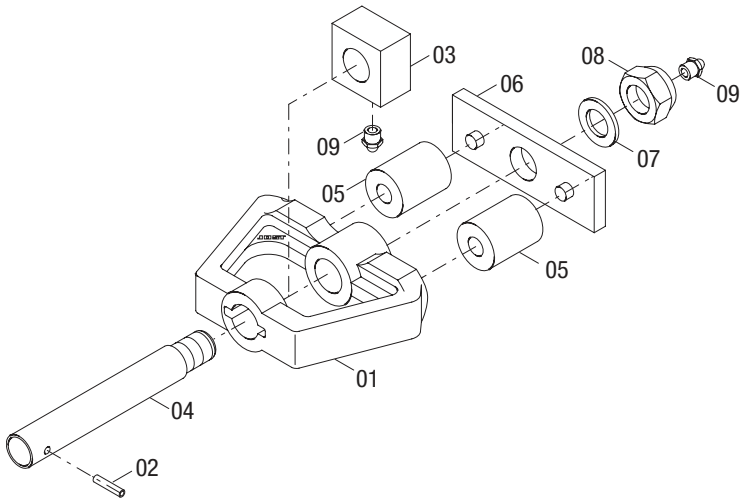
Item	Description	Remark	Order No.	per King pin
01	Pin	for KZ 1416	KZ 1416-01	1
01	Pin	for KZ 1016	KZ 1016-01	1
01	Pin	for KZ 2816	KZ 2816-01	1
01	Pin	for KZ 1516	KZ 1516-01	1
01	Pin	for KZ 1008, KZ 1010, KZ 1012	KZ 1012-01	1
01	Pin	for KZ 1410, KZ 1412	KZ 1412-01	1
01	Pin	for KZ 5216	KZ 5216-01	1
02	Retention plate	for KZ 2816, KZ 1416	KZ 1416-02	1
02	Retention plate	for KZ 1012, KZ 1412	KZ 1012-02	1
02	Retention plate	for KZ 1010, KZ 1410	KZ 1010-02	1
02	Retention plate	for KZ 1008	KZ 1008-02	1
02	Retention plate	for KZ 1516, KZ 1016	KZ 1016-02	1
02	Retention plate	for KZ 5216	KZ 5216-02	1
03	Bolt	for KZ 1516, KZ 1016, KZ 5216	KZE 1016-06	8
03	Bolt	for KZ 2816, KZ 1416	KZE 1416-03	12
03	Bolt	for KZ 1008, KZ 1010, KZ 1012, KZ 1410, KZ 1412	KZE 1012-03	8
04	Retention plate (kit)	with 03 for KZ 1008	KZ 1008-04	1
04	Retention plate (kit)	with 03 for KZ 1010, KZ 1410	KZ 1010-04	1
04	Retention plate (kit)	with 03 for KZ 1012, KZ 1412	KZ 1012-04	1
04	Retention plate (kit)	with 03 for KZ 2816, KZ 1416	KZ 1416-04	1
04	Retention plate (kit)	with 03 for KZ 1516, KZ 1016	KZ 1016-04	1
04	Retention plate (kit)	with 03 for KZ 5216	KZ 5216-04	1
05	Bolt kit (kit)	with 03 for KZ 1008, KZ 1010, KZ 1012, KZ 1410, KZ 1412	KZ 1012-006	1
06	Pin (kit)	with 03 for KZ 1008, KZ 1010, KZ 1012	KZ 1012-08	1

Accessories · Spring-loaded steering wedge SK 2122-40





Spare parts



Item	Description	Order No.	per steering wedge
01	Steering wedge	SK 2122-41	1
02	Clamping pin	SK 2122-46	1
03	Block	SK 2122-42	1
04	Bar	SK 2122-43	1
05	Rubber suspension	SK 2122-47	2

Item	Description	Order No.	per steering wedge
06	Plate	SK 2122-44	1
07	Washer	SK 2122-48	1
08	Lock nut	SK 2122-49	1
09	Taper grease nipple	SK 2121-02	2

Technical Specification

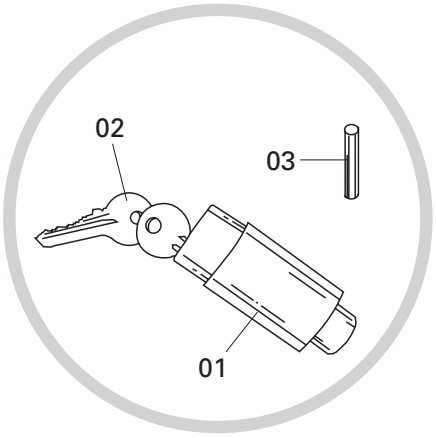
The steering wedge for forced steering semi-trailers complies with DIN 74085. It is designed for use in 2" and 3½" fifth wheel coupling plates as per DIN 74081 or 74084. The steering wedge meets the requirements for piggyback transportation.

Accessories · King Pin Lock for semi-trailers DS 2000 · DS 2000 G*

Advantages at a glance

- For all 2" king pins
- Safe covering of all king pin fastening parts
- Easy and fast mounting
- Corrosion-resistant, handy and safe
- Protection from forcible cracking due to high quality cylinder locks for normal locking and locking systems





Item	Description	Order No.
01	Cylinder lock	DS 1000-03
01	Cylinders lock where keys are alike	DS 1000-03 G
02	Extra key for cylinder lock	DS 1000-08
03	Clamping pin	DS 1000-12

When reordering keys or cylinder locks for locking systems, please state the code number or send in the key.

* G = cylinders where keys are alike



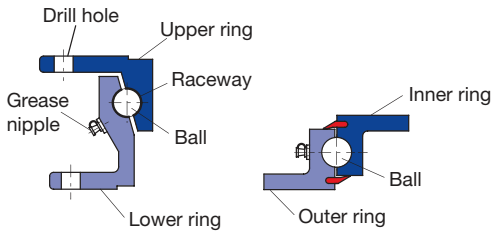
Ball bearing turntables and slewing rings

Ball bearing turntables are the product which started the success story of JOST in 1952. Today, they are used on all the world's roads. And not only that: They are also used in agriculture, at airports and railway stations, in mining and in a wide range of special applications, such as in TRIDEC forced steering systems.

In that way they are a genuine product of the JOST-World. They cover the whole range of trailer technology and offer the best solution for each application. At the same time, the ball bearing turntables are subject to constant further development, thus impressing with their innovative benefits and proven quality time and again.



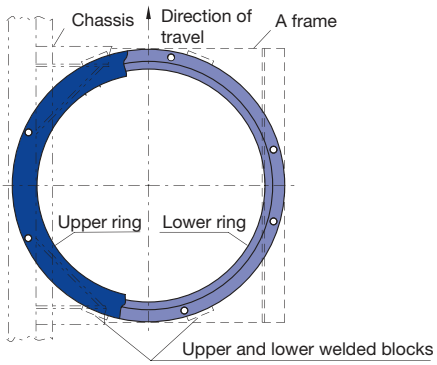
Design / Features



Ball bearing turntable, drilled / undrilled

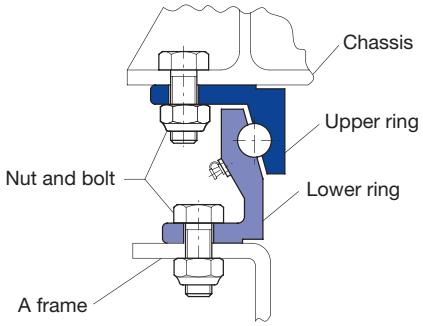
Slewing ring, drilled / undrilled

The ball bearing turntables and slewing rings allow the bogie to turn relative to the trailer frame. They transfer both the axial force and the thrust and tensile forces that occur while driving.



The lower ring/outer ring is bolted on to the A-frame and the upper ring/inner ring is bolted to the chassis. The A-frame, ball bearing turntable or slewing ring and chassis must never be welded together. Pre-welded stop blocks relieve the shear load on the bolts resulting from horizontal forces. JOST splined bolts can be used as an alternative where suitable, eliminating the need for additional welding of the thrust plates.

The ring must be mounted on a completely flat and rigid base with at least 50% of the circumference adequately supported.

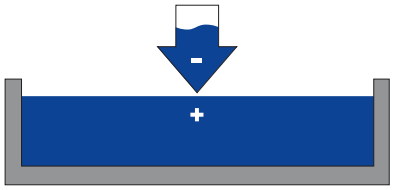


Ball bearing turntables are available as standard drilled and undrilled, slewing rings are available undrilled. Special drill templates are available upon request.

Technical Features

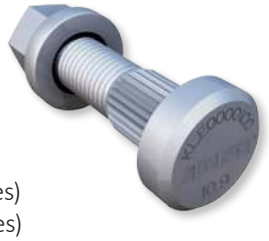
E-coating

- Premium corrosion protection
- Additional top coat on request



Splined bolt

- Mounting kit with grooved screws, eliminating the need for additional welded thrust plates.
  Item number KLE 0000300 (16 pieces)
  Item number KLE 0000400 (24 pieces)



Wear limit gauge KLE0005900

- The wear limit gauge KLE0005900 is suitable for JOST ball bearing turntables with a mounting height from 90 mm. It can be used to ascertain if a play/wear limit is reached or exceeded.



Mounting kit KLE0000500

Item	Description	per kit
01	Hexagon bolt M16 x 1,5 x 55	16
02	Hexagon nut M16 x 1,5	16
03	Stop block	8

Mounting kit KLE0000600

Item	Description	per kit
01	Hexagon bolt M16 x 1,5 x 55	24
02	Hexagon nut M16 x 1,5	24
03	Stop block	8

Central lubrication manifold

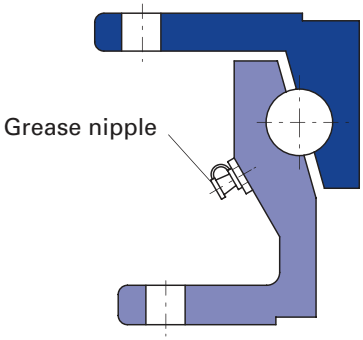
- Makes lubrication easier
- Makes connection to central lubrication system easier
  Item number KLE0000200



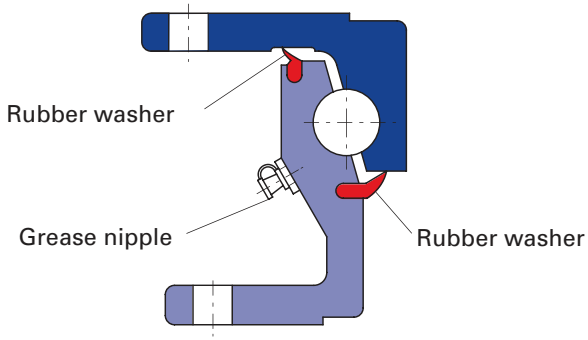
High performance lubricant

- JOST high performance lubricant for initial greasing or follow-up lubrication
  Item number SKE013440000

Maintenance



Standard



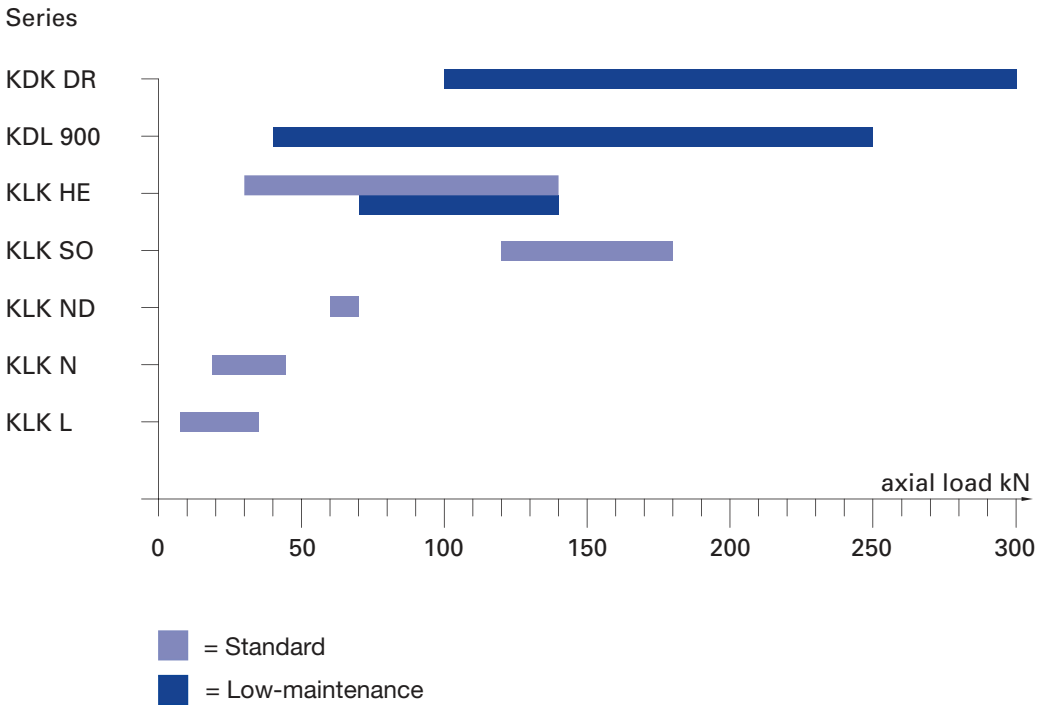
Low-maintenance

JOST standard ball bearing turntables are supplied with a thin base coating of lubricant. Before it is used for the first time the ball bearing turntable must be lubricated thoroughly. See JOST installation and operating instructions.

Connection to the central vehicle lubrication system is possible (grease is essential, no oil).

The low-maintenance versions of ball bearing turntables and slewing rings do not have to be maintained for up to three years or 300,000 km. After this period they must be serviced in the same way as standard turntables. The low-maintenance models are distinguished by a green type plate and by the letter “W” at the end of the item number. Maintenance conditions differ when fitted to steered semi-trailers or in the case of heavy conditions of use. The maximum storage period for maintenance-free ball bearing turntables and slewing rings is three years.

Axial Load / Technical Notes



Ball bearing turntables and slewing rings are parts for fitting onto trailers and agricultural vehicles to connect the A-frame to the trailer chassis so it can swivel.

The range of applications for ball bearing turntables and slewing rings depends on the maximum axle load. JOST ball bearing turntables and slewing rings cover an axle load range from 7.5 to 250 kN.

The specified axle loads for series KDL, HE, SO, DR and ND are based on the pressure direction for three-axle vehicles with with turntable steering, travelling at a speed of up to 105 km/h. On dual-axle trailers, the specified axle loads can be exceeded by 10% or 20% at speeds below 30 kph (18 mph).

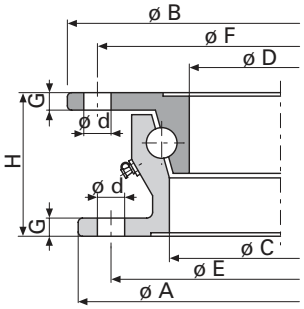
All load data for series KDL, HE, SO, DR, ND, L and N apply to use on roads in fifth wheel steering systems and for paved standard road conditions in Central Europe.

If the ball bearing turntables and slewing rings are to be mounted above the steered axle and above the king pin on semi-trailers, please ask JOST for the load data, giving details of the vehicle. Any deviations are given on the specification sheet.

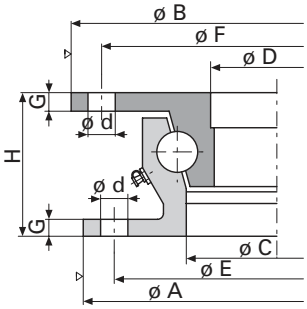
Ball bearing turntables and slewing rings must always be operated as set out in the relevant operating instructions for the particular vehicle. Compliance with “TÜV” Safety Regulations and Motor Vehicle Safety Standards (StVZO) is required in Germany.

The axial loads specified are based on centric load introduction. Furthermore, the ball bearing turntables and slewing rings are only suitable for swivel movements. Please enquire about uses other than these.

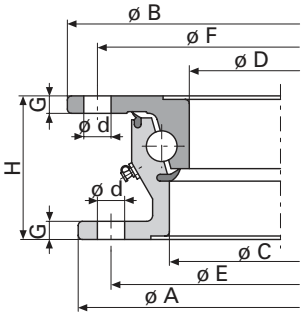
Ball bearing turntables · KLK HE and SO



KLK HE
Standard



KLK SO
Standard



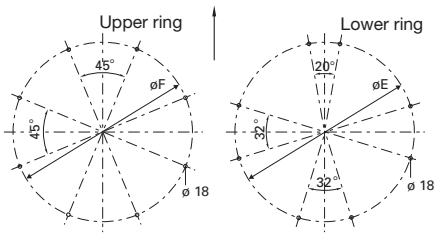
KLK HE
Low-maintenance

▽ = Shaped profile

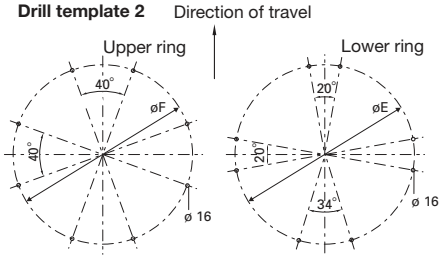
Specifiation

- E-coating
- Standard/Low-maintenance (HE series)
- Drilled/Undrilled
- Special drill templates available upon request
- Lubricant dispenser (optional)
- Splined bolts (optional)

Drill template 1 Direction of travel



Drill template 2 Direction of travel

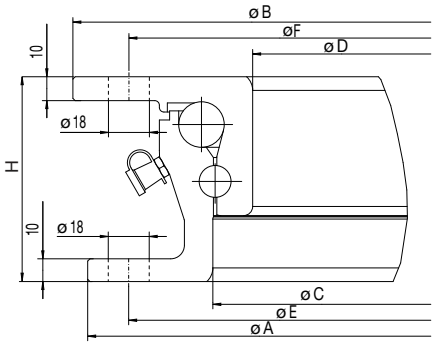


Selection table / Versions available

Order No.	Permitted axial load (kN)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	d (mm)	G (mm)	H (mm)	Weight (approx. kg)	WA	Drill template No
KLK HE 4	30	685	700	590	573	657	671		9	80	32	Standard	Undrilled
KLK HE 5	50	880	895	785	768	852	866	16	9	80	43	Standard	2
KLK HE 6-1000	60	1000	1015	905	888	972	986		9	80	48	Standard	Undrilled
KLK HE 6	65	1090	1105	995	978	1060	1074	18	9	80	52	Standard	1
KLK HE 12-1000	70	1000	1011	886	862	960	974		10	90	63	Standard	Undrilled
KLK HE 12-1000 W	70	1000	1011	882	850	960	974		10	90	65	Low-mainte.	Undrilled
KLK HE 12	80	1100	1111	986	962	1060	1074	18	10	90	69	Standard	1
KLK HE 12 W	80	1100	1111	982	950	1060	1074	18	10	90	72	Low-mainte.	1
KLK HE 18-1000	80	1000	1011	886	859	960	974		10	90	63	Standard	Undrilled
KLK HE 18-1000 W	80	1000	1011	882	850	960	974		10	90	65	Low-mainte.	Undrilled
KLK HE 18	100	1100	1111	986	959	1060	1074	18	10	90	69	Standard	1
KLK HE 18 W	100	1100	1111	982	950	1060	1074	18	10	90	72	Low-mainte.	1
KLK HE 1000-22	100	1000	1011	886	859	960	974		10	90	63	Standard	Undrilled
KLK HE 1000-22 W	100	1000	1011	882	850	960	974		10	90	65	Low-mainte.	Undrilled
KLK HE 1100-22	120	1100	1111	986	959	1060	1074	18	10	90	69	Standard	1
KLK HE 1100-22 W	120	1100	1111	982	950	1060	1074	18	10	90	72	Low-mainte.	1
KLK SO 1000-24	120	987	1000	873	842	952	966		10	90	68	Standard	Undrilled
KLK HE 1200-22	130	1200	1211	1086	1059	1160	1174	18	10	90	76	Standard	1
KLK HE 1200-22 W	130	1200	1211	1082	1050	1160	1174	18	10	90	80	Low-mainte.	1
KLK HE 1300-22	140	1300	1311	1186	1159	1260	1274		10	90	84	Standard	Undrilled
KLK HE 1300-22 W	140	1300	1311	1182	1150	1260	1274		10	90	89	Low-mainte.	Undrilled
KLK SO 1100-24	160	1095	1108	982	950	1060	1074	18	10	90	75	Standard	1
KLK SO 1200-24	180	1195	1208	1082	1050	1160	1174		10	90	83	Standard	Undrilled
KLK SO 1300-24	180	1295	1308	1082	1150	1260	1274		10	90	89	Standard	Undrilled

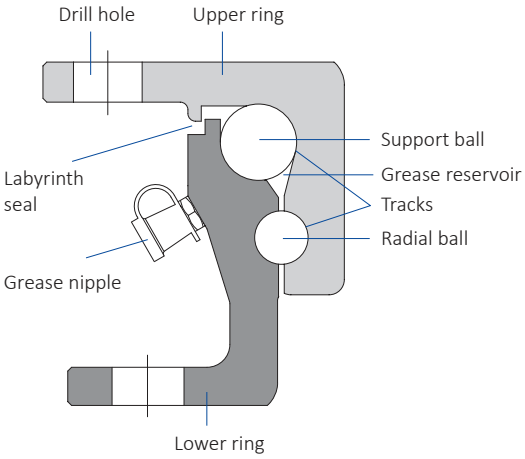
Explanations:
WA/Maintenance

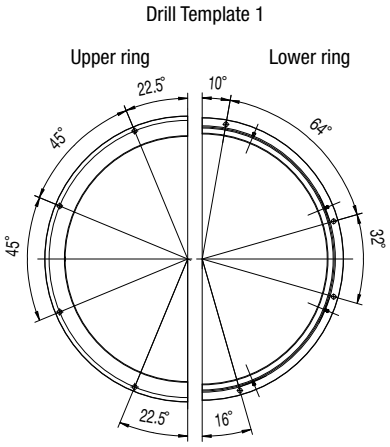
Ball bearing turntables · KLK DR

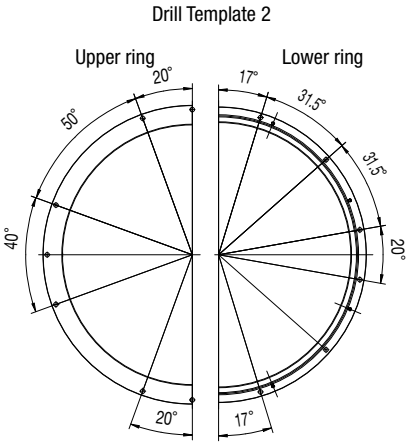


Specifiation

- E-coating
- Labyrinth seal
- Drilled/Undrilled
- Special drill templates available upon request
- Lubricant dispenser (optional)
- Splined bolts (optional)



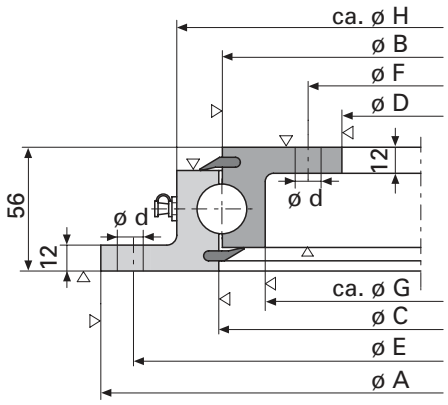




Selection table / Versions available

Type	Order No. (drilled)	Order No. (undrilled)	Permitted axial load (kN)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	Hole pattern	Weight (kg)
DR81100-10	KLKDR81100-10	KLKDR8000010K	100	1095	1108	976	960	1060	1074	80	1	72
DR1000-12	KLKDR1000-12	KLKDR2000010K	120	987	1000	868	842	952	966	90	1	73
DR1000-14	KLKDR1000-14	KLKDR4000010K	140	987	1000	868	842	952	966	90	1	73
DR1000-16	KLKDR1000-16	KLKDR4100010K	160	987	1000	868	842	952	966	90	1	73
DR1100-13	KLKDR1100-13	KLKDR4800010K	130	1095	1108	976	950	1060	1074	90	1	80
DR1100-16	KLKDR1100-16	KLKDR2100010K	160	1095	1108	976	950	1060	1074	90	1	80
DR1100-20	KLKDR1100-20	KLKDR4200010K	200	1095	1108	976	950	1060	1074	90	1	80
DR1200-10	KLKDR1200-10	KLKDR4500010K	100	1195	1208	1076	1050	1160	1174	90	1	90
DR1200-10	KLKDR45AE010K	KLKDR4500010K	100	1195	1208	1076	1050	1160	1174	90	2	90
DR1200-13	KLKDR1200-13	KLKDR4600010K	130	1195	1208	1076	1050	1160	1174	90	1	90
DR1200-13	KLKDR46AE010K	KLKDR4600010K	130	1195	1208	1076	1050	1160	1174	90	2	90
DR1200-16	KLKDR47AE010K	KLKDR4700010K	160	1195	1208	1076	1050	1160	1174	90	2	90
DR1200-20	KLKDR2202010K	KLKDR2200010K	200	1195	1208	1076	1050	1160	1174	90	1	90
DR1200-20	KLKDR1200-20	KLKDR2200010K	200	1195	1208	1076	1050	1160	1174	90	2	90
DR1200-26	KLKDR1200-26	KLKDR4300010K	260	1195	1208	1076	1050	1160	1174	90	2	92
DR1200-30	KLKDR1200-30	KLKDR4400010K	300	1195	1208	1076	1050	1160	1174	90	2	92

Slewing ring · KDL 900



▽ = Shaped profile

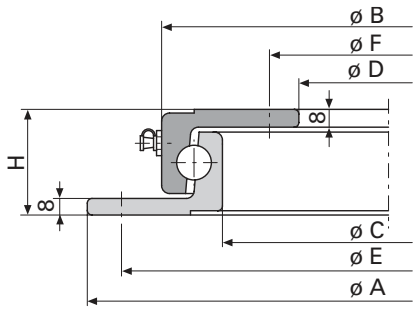
Specifiation

- E-coating
- Low-maintenance
- Drilled/Undrilled
- Special drill templates available upon request
- Hardened bearings
- Lubricant dispenser (optional)
- Splined bolts (optional)

Selection table / Versions available

Order No.	Permitted axial load (kN)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Hole diameter (ø d)	Number of holes on outer ring (na)	Number of holes on inner ring (ni)	G (mm)	H (mm)	Weight (approx. kg)
KDL 900-1 W	40	520	409	412	302	490	332	-	-	-	371	451	25
KLKKW91B13100	40	520	409	412	302	490	332	18	8	12	371	451	25
KDL 900-2 W	80	650	539	542	432	620	462	-	-	-	501	581	32
KLKKW92B23100	80	650	539	542	432	620	462	18	10	14	501	581	32
KDL 900-3 W	120	750	639	642	532	720	562	-	-	-	601	681	39
KLKKW93B33100	120	750	639	642	532	720	562	18	12	16	601	681	39
KDL 900-4 W	150	850	739	742	632	820	662	-	-	-	701	781	45
KLKKW94B43100	150	850	739	742	632	820	662	18	12	16	701	781	45
KDL 900-5 W	180	950	839	842	732	920	762	-	-	-	801	881	51
KLKKW95B53100	180	950	839	842	732	920	762	18	14	18	801	881	51
KDL 900-6 W	210	1050	939	942	832	1020	862	-	-	-	901	981	57
KLKKW96B63400	210	1050	939	942	832	1020	862	18	16	20	901	981	57
KDL 900-7 W	250	1200	1089	1092	982	1170	1012	-	-	-	1051	1131	67
KLKKW97B73400	250	1200	1089	1092	982	1170	1012	18	16	20	1051	1131	67

Ball bearing turntables · KLK L and N



Specifiation

- E-coating
- Standard
- Undrilled
- Special drill templates available upon request

Scope

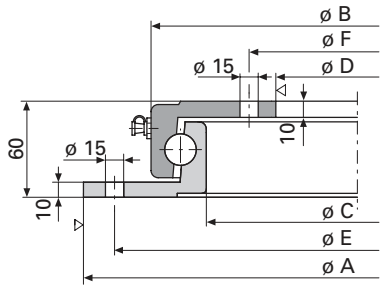
Application	Speed	Series
Farm vehicle	up to 30 km/h	L
Transport equipment	up to 30 km/h	L
Farm vehicle, heavy	over 30 km/h	N
Truck trailer, light	over 30 km/h	N

At a speed of less than 30 km/h the maximum axial load for the N series can be increased by 30 to 50%.

Selection table / Versions available

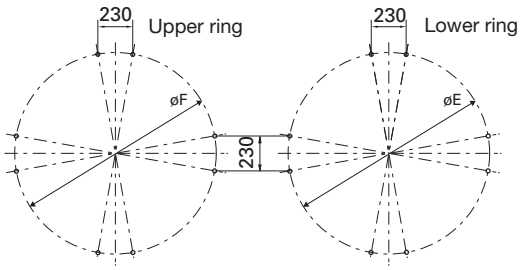
Order No.	Permitted axial load (kN)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	Weight (approx. kg)
KLK 400L	7.5	400	342	292	230	375	260	45	11
KLK 500L	9	500	442	392	330	475	360	45	15
KLK 650L	15	650	592	542	480	625	510	45	20
KLK 750L	18	750	692	642	580	725	610	45	23
KLK 850L	25	850	792	742	680	825	710	45	27
KLK 950L	30	950	892	842	780	925	810	45	30
KLK 1050L	35	1050	992	942	880	1025	910	45	34
KLK 500N	18	500	437	384	315	475	340	52	17
KLK 650N	25	650	587	534	465	625	490	52	23
KLK 750N	30	750	687	634	565	725	590	52	28
KLK 850N	35	850	787	734	665	825	690	52	32
KLK 950N	40	950	887	834	765	925	790	52	36
KLK 1050N	45	1050	987	934	865	1025	890	52	40

Ball bearing turntables · KLK ND



Specifiation

- E-coating
- Standard
- Drilled/Undrilled
- Special drill templates available upon request
- Lubricant dispenser (optional)



Selection table / Versions available

Order No.	Permitted axial load (kN)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (approx. kg)
KLK 950 ND	60	952	885	821	750	920	780	52
KLK 1100 ND	70	1102	1027	963	890	1070	920	61

Landing gear Modul

The Modul series of landing gear is extremely versatile. Thanks to its modular construction with variable mounting and operating heights, various crank handles and connection shaft lengths and different foot types, all client requirements can be met.

OPTIMA is the weight-optimized landing gear for long-distance transport applications. The Modul B is the proven best-in-class landing gear that can be compiled individually according to customer requirements and offers very versatile use. The Modul C range consists of various landing gears which are designed for special applications.

All ranges offer convincing product advantages: the integrated gearbox has optimum protection, and requires minimum force to be applied on the crank handle in both directions. At the same time, Modul offers an extraordinary increase in lift of up to 120 mm combined with smaller dimensions for fitting. It goes without saying that the landing gear is extremely sturdy and complies with the strict AAR standard.

The landing gear is not a standalone, functional device. It is designed to be mounted on a trailer. The vehicle may not be operated until it has been ensured that the towed vehicle with the support complies with the applicable national road traffic regulations. In Germany, the relevant "TÜV" Safety Regulations and "StVZO" Motor Vehicle Safety Standards are to be observed. The landing gear is always to be used in conjunction with the instructions for use issued by the manufacturer of the relevant trailer.



Tried-and-tested Modul system

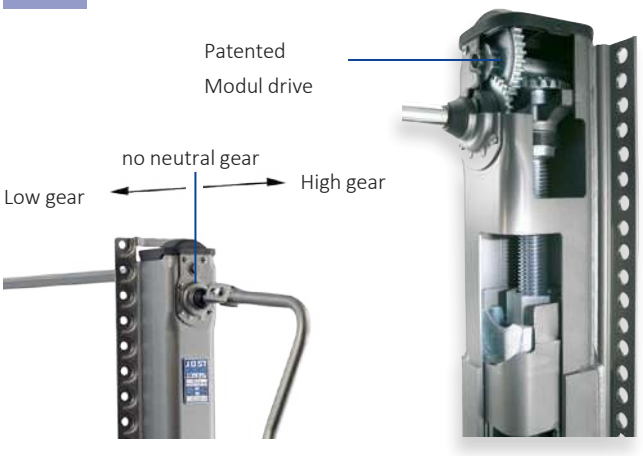


Since the market entrance Modul landing gears are setting benchmarks. The modular construction allows a multitude of different varieties.

- Easy to assemble and replace foot system
- Greatest flexibility of installation thanks to a range of back plates
- Various crank handles and connection shaft lengths
- Significant gain in lifting force compared to comparable products
- Attractive design
- For universal application
- Type reduction thanks to modular system guarantees high level of flexibility in spare parts business

Advantages of Modul landing gears

Patented Modul drive



The patented drive is perfectly protected by the internal construction. In addition it offers various advantages in daily use:

- Easy to change between high and low gears
- Very compact construction with high efficiency and extremely low wear
- Large lifting force per turn of the crank with low crank force allows easy and convenient operation
- Reliably secured against run-down
- Maintenance-free

Outstanding corrosion protection

Landing gears from JOST are especially sturdy and resist also unfavorable exterior conditions.

- Careful pre-treatment
- Premium surface through powder coating
- Long-lasting protection against environmental influences and stone chips

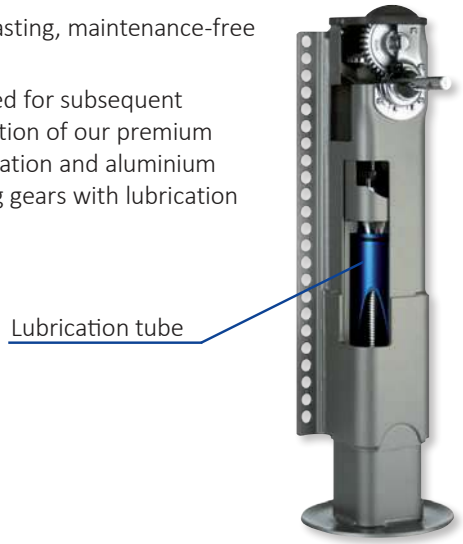
Top-class quality

- Regular inspection during series production that exceeds the AAR-Standard
- Quality management in accordance with IATF 16949:2016
- Environmental management in accordance with ISO 14001
- **3 year guarantee**

Easy maintenance

The Modul landing gears are equipped with a long-term lubrication. Therefore they can be used three years without relubrication.

- Long-lasting, maintenance-free drive
- No need for subsequent lubrication of our premium stabilisation and aluminium landing gears with lubrication tube



Top service

Locations worldwide and a broad network of dealers ensure qualified support.

- Competent and individual advice from Sales and Customer Service
- Support for our customers using CAD data during the planning phase
- High level of prevalence and global spare parts supply with short delivery times
- Easy to repair, such as using our foot replacement system

The perfect landing gear for every application

Landing gears

Best-in-Class landing gear Modul B

Page 133

- Versatility through modular design
- Wide range of versions
- For all needs



Special landing gears Modul C

Page 138

- Modul C special landing gears for special applications
- Especially compact landing gears with large ground clearance
- Drawbar landing gears with pivot bearings for use in combination with central axle trailers and dollies
- Especially robust landing gears for heavy duty applications
- Landing gear with low-lying connection shaft, especially for tank and silo trailers
- Stabilisation landing gear for rear support and level regulation.



Electric landing gear Modul E-Drive

Page 176

- Electric raising and lowering of the landing gear
- Simple operation at the push of a button
- Highly useful for limited accessibility and confined spaces and for frequent coupling and decoupling
- Based on the highly reliable and robust Modul series



Our weight-optimized

Landing gear OPTIMA

- Ideally suited for long-distance transport
- Economical
- Available in three plate positions



Page 179

Aluminium landing gear Modul CA

- Weight-optimised
- Premium landing gears in aluminium design
- Greatest possible weight advantage for landing gears
- Ideally suited for tank and silo vehicles



Page 181

Drop leg FS 075

- Ideal for applications that require low weight and where uncoupling is rarely needed.



Page 184

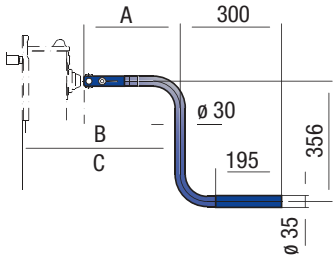
Options

Two-sided operation

All landing gears in our Modul B and Modul C series which are used in a set with a connection shaft are also available with two-sided operation with a special crank. Operation by two people reduces the manual force required to 110 N (at 16 t lifting capacity) – operation by a single person from the right or left is also possible.

Crank handles

Various crank handle lengths for individual adjustment to the vehicle width.



Order No.	A (mm)	B Low gear (mm)	C High gear (mm)
JS U01	350	534	553
JS U02	415	599	618
JS U03	450	634	653
JS U04	480	664	683
JS U05	520	704	723
JS U07	570	754	773
JS U08	620	804	823

Connection shaft

Order No.	E (mm)
JS L01	1340
JS L02	1450
JS L03	1470
JS L04	1500
JS L05	1505
JS L06	1575
JS L07	1605
JS L08	1635
JS L09	1700
JS L10	1790

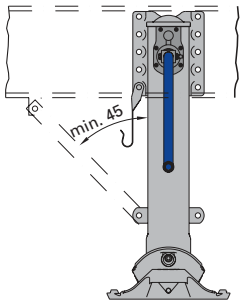
Mounting kits for bracing

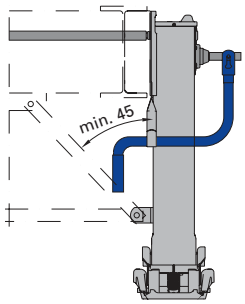
The shear and transverse forces that occur mean that bracing is required for the landing gear.

Mounting kit (without bracing):

Order No.	Description
JS E020.001	Mounting kit, standard (28 bolts and nuts)
JS E020.002	Mounting kit, double plate (48 bolts and nuts)
JS E020.003	Mounting plate for tandem trailer (see fic on page 150)

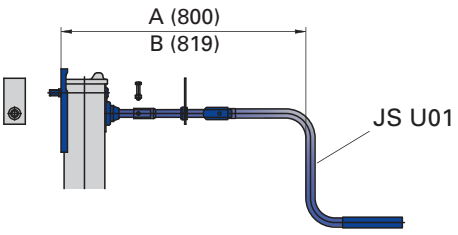
The following illustration shows an example of bracing:



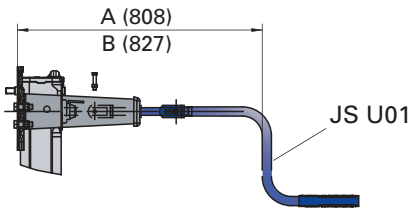


Crank extension

JS E030.001 and JS E030.007: The crank extension support is welded to the semi-trailer chassis.



JS E030.004: The exterior chassis control is bolted to the landing gear.
Assembly only possible with back plate above (01) or double back plate (03).



Order No.	A Low gear (mm)	B High gear (mm)	Operation
JS E030.001	800	819	one-sided
JS E030.004	808	827	one-sided
JS E030.007	800	819	two-sided

Accessories

Bracing brackets for individual adjustment.

Order No.	Description
JS E010.001	Bracing bracket, loose
JS E010.002	Clamp for bracing bracket
JS E020.004	Nut and bolt for clamp
JS E010.010	Bracket with clamp mount and fitting



JS E010.001



JS E010.002

Lubricating nipple for lubricating spindles and spindle nuts.

Order No.	Description
JS E0084000	Grease nipple

Landing gears · Modul B

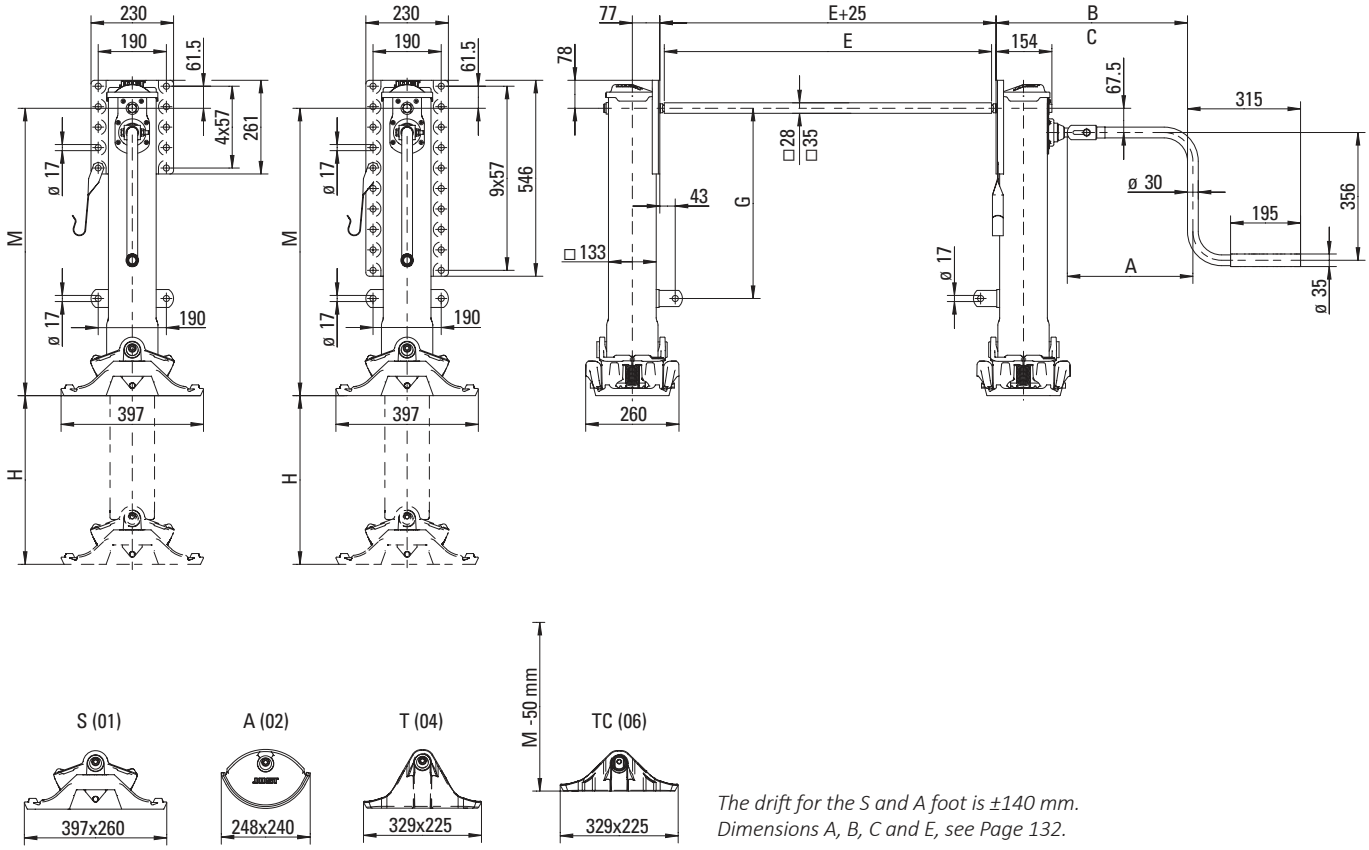
Advantages at a glance

- Very versatile use
- Significant gain in lifting force
- Modular system and extensive spare parts catalogue

Technical Features

- Six mounting heights
- Easy-to-assemble and easy-to-replace foot system with four different foot types
- S foot with the longest drift (±140 mm) and largest footprint
- Additional reinforcements for lateral-force resistance
- Three plate positions (high, low, double)
- Also available with two side operation and special crank

Technical Specification



The drift for the S and A foot is ±140 mm.
Dimensions A, B, C and E, see Page 132.

Technical Data (per kit)

Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifiting capacity	210 N

Components and article numbers

M			O	D	*Please order separately!* U	L
Mounting height			Back plate	Type of foot	Crank w. crank parking hook	Connection shaft
M	H	G			A	E
01 = 900	560	630	01 = Position top	00 = without foot	00 = without crank	00 = without
02 = 850	520	580	02 = Position bottom*	*mounted*	JS U01 = 350	JS L01 = 1340
03 = 800	470	530	03 = Double plate*	01 = S foot	JS U02 = 415	JS L02 = 1450
04 = 750	430*	480		02 = A foot	JS U03 = 450	JS L03 = 1470
05 = 700	400*	430		04 = T foot	JS U04 = 480	JS L04 = 1500
06 = 650	350*	380		06 = TC foot**	JS U05 = 520	JS L05 = 1505
	reinforced				JS U07 = 570	JS L06 = 1575
21 = 900	470	630			JS U08 = 620	JS L07 = 1605
22 = 850	430	580				JS L08 = 1635
23 = 800	400	530				JS L09 = 1700
24 = 750	350*	480				JS L10 = 1790

* ***no*** *bracing brackets* are supplied for ***the combination of mounting heights 04, 05, 06, 24*** with ***back plate 02, 03.***
See accessories for loose bracing brackets.

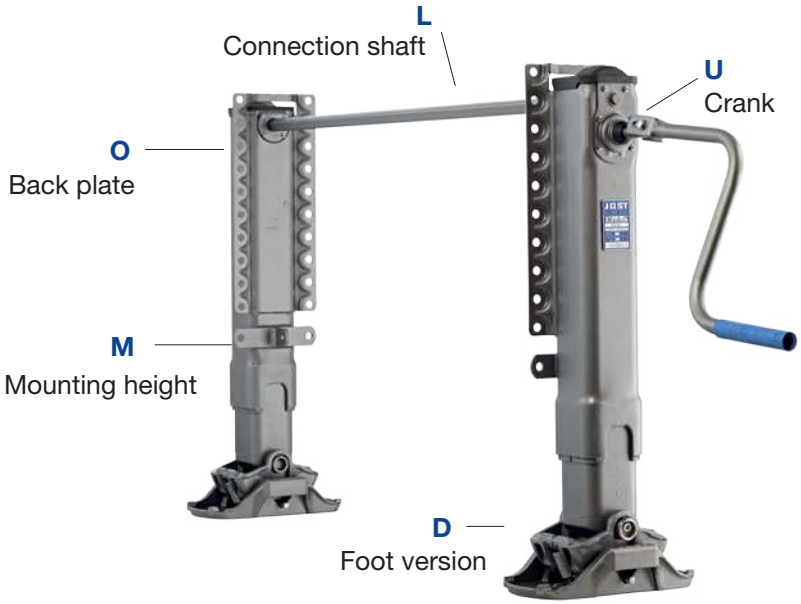
** can be used without restriction on Modul legs produced after week 22/02. On Modul legs produced before that the angle of movement is reduced by ± 10°.

Landing gear with foot "R" (Wheels) please refer to MODUL CW (see page 170).

Individual components

The module components **U** (crank with crank parking hook) and **L** (connection shaft) must be ordered separately and are available individually. The type of feet **D** are likewise available separately; see Page 132.

Modul B – components and foot versions




S foot
(Standard)


A foot
(Rocking foot)

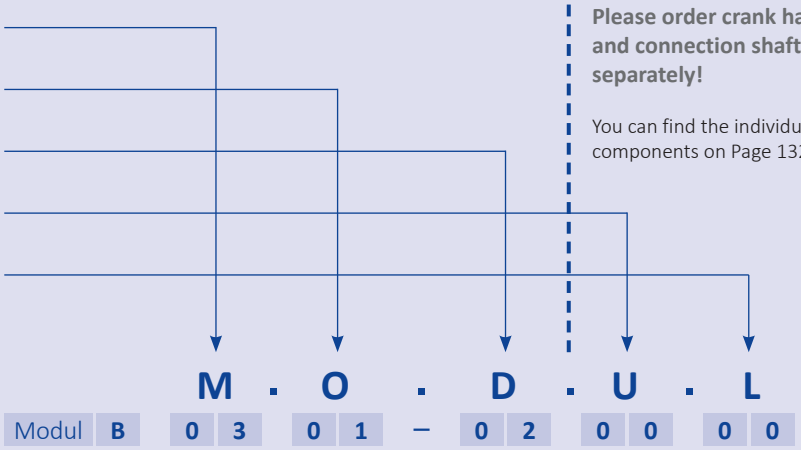

TC foot
(Flat sand shoe)


T foot
(Sand shoe)

Example of an article number for one set

The complete article number to order the Modul is made up of the article numbers of the various components. First choose **the individual components**. Each component has a 2-figure article number. List **all the components (in other words all the article numbers)** in sequence.

M	Mounting height 800 mm	=	**03**
O	Back plate top	=	**01**
D	Foot version (A foot)	=	**02**
U	Crank length	=	**00**
L	Connection shaft	=	**00**



Please order crank handle and connection shaft separately!

You can find the individual components on Page 132.

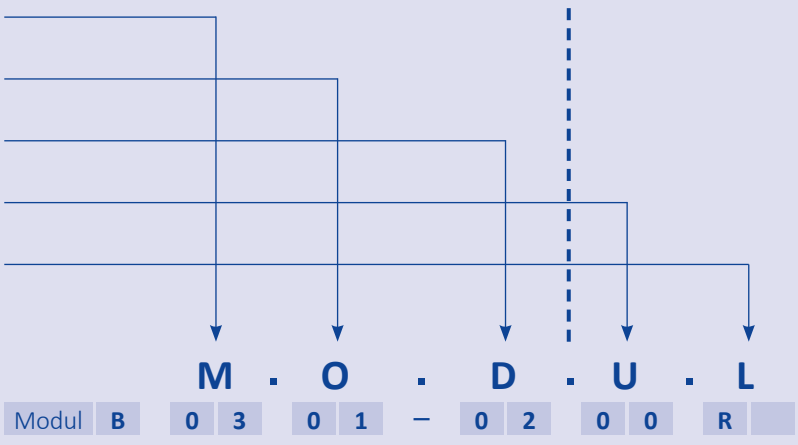
Example: Mounting height 800 mm; back plate top, A foot; crank length 350 mm; connection shaft 1470 mm

= Article number B0301-020000 + JS U01 + JS L03

Example of an article number for a single leg

If you order a **single leg** the **connection shaft** will not be supplied. In this case enter 00 at **U** and at **L** an **R** for right (crank side) or an **L** for left.

M	Mounting height 800 mm	=	**03**
O	Back plate top	=	**01**
D	Foot version (A foot)	=	**02**
U	Crank length	=	**00**
L	Connection shaft	=	**R or L**

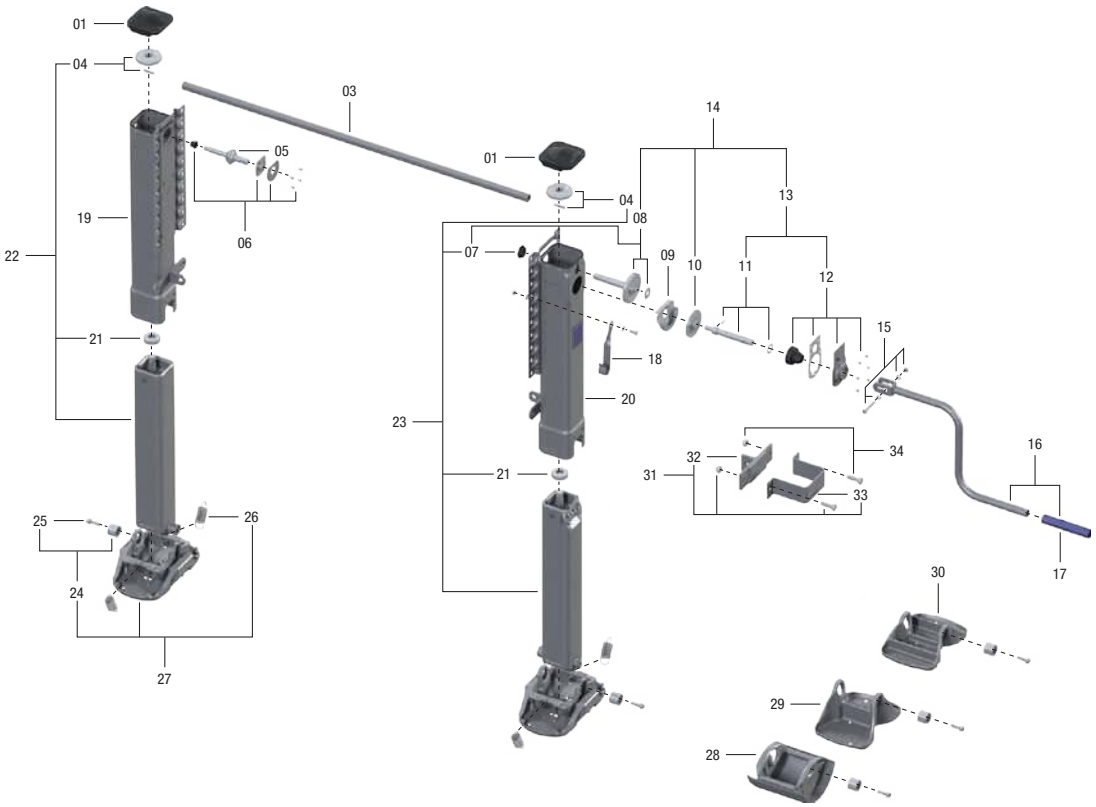


Example: right side; mounting height 800 mm; back plate top, A foot

= Article number B0301-0200R

Modul B

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	See individual components			
04	Bevel gear with bolts	from 020719/0126097	JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Bearing		JS E0001800	1
08	Shaft with bearing	a	JS E0058700	1
09	Grease tank	a	JS E0002000	1
10	Gear	a	JS E0055800	1
11	Crank shaft	compl.	JS E0046500	1
12	Bearing holder	compl., a	JS E0058800	1
13	Crank shaft and bearing holder	compl., with 11 + 12, a	JS E0056600	1
14	Drive	compl., with 08, 10 + 13, a, c	JS E0083700	1
15	Bolts, washers, nuts		JS E0043100	1
16	See individual components			
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm, (JS U01), b	JS E0040200	1
18	Crank parking hook	for crank 415–480 mm, (JS U02-JS U04), b	JS E0040201	1
18	Crank parking hook	for crank 520–620 mm (JS U05-JS U08), b	JS E0040202	1
19	Mh-01/900 Shaft left	Plate A, top	JS E0031800	1
19	Mh-02/850 Shaft left	Plate A, top	JS E0031801	1
19	Mh-03/800 Shaft left	Plate A, top	JS E0031802	1
19	Mh-04/750 Shaft left	Plate A, top	JS E0031803	1
19	Mh-05/700 Shaft left	Plate A, top	JS E0031804	1
19	Mh-06/650 Shaft left	Plate A, top	JS E0031805	1
19	Mh-01/900 Shaft left	Plate A, bottom	JS E0031300	1
19	Mh-02/850 Shaft left	Plate A, bottom	JS E0031301	1
19	Mh-03/800 Shaft left	Plate A, bottom	JS E0031302	1
19	Mh-04/750 Shaft left	Plate A, bottom	JS E0031303	1
19	Mh-05/700 Shaft left	Plate A, bottom	JS E0031304	1
19	Mh-06/650 Shaft left	Plate A, bottom	JS E0031305	1
19	Mh-01/900 Shaft left	Double plate	JS E0030800	1
19	Mh-02/850 Shaft left	Double plate	JS E0030801	1
19	Mh-03/800 Shaft left	Double plate	JS E0030802	1
19	Mh-04/750 Shaft left	Double plate	JS E0030803	1
19	Mh-05/700 Shaft left	Double plate	JS E0030804	1
19	Mh-06/650 Shaft left	Double plate	JS E0030805	1

Item	Description	Remark	Order No.	per kit
20	Mh-01/900 Shaft right	Plate A, top	JS E0028600	1
20	Mh-02/850 Shaft right	Plate A, top	JS E0028601	1
20	Mh-03/800 Shaft right	Plate A, top	JS E0028602	1
20	Mh-04/750 Shaft right	Plate A, top	JS E0028603	1
20	Mh-05/700 Shaft right	Plate A, top	JS E0028604	1
20	Mh-06/650 Shaft right	Plate A, top	JS E0028605	1
20	Mh-01/900 Shaft right	Plate A, bottom	JS E0029700	1
20	Mh-02/850 Shaft right	Plate A, bottom	JS E0029701	1
20	Mh-03/800 Shaft right	Plate A, bottom	JS E0029702	1
20	Mh-04/750 Shaft right	Plate A, bottom	JS E0029703	1
20	Mh-05/700 Shaft right	Plate A, bottom	JS E0029704	1
20	Mh-06/650 Shaft right	Plate A, bottom	JS E0029705	1
20	Mh-01/900 Shaft right	Double plate	JS E0029200	1
20	Mh-02/850 Shaft right	Double plate	JS E0029201	1
20	Mh-03/800 Shaft right	Double plate	JS E0029202	1
20	Mh-04/750 Shaft right	Double plate	JS E0029203	1
20	Mh-05/700 Shaft right	Double plate	JS E0029204	1
20	Mh-06/650 Shaft right	Double plate	JS E0029205	1
21	Axial bearing ****		JS E0066401	2
22	Mh-01/900 inner tube l. + spindle	with 21 + 04	JS E0056401	1
22	Mh-02/850 inner tube l. + spindle	with 21 + 04	JS E0056402	1
22	Mh-03/800 inner tube l. + spindle	with 21 + 04	JS E0056403	1
22	Mh-04/750 inner tube l. + spindle	with 21 + 04	JS E0056404	1
22	Mh-05/700 inner tube l. + spindle	with 21 + 04	JS E0056405	1
22	Mh-06/650 inner tube l. + spindle	with 21 + 04	JS E0056406	1
23	Mh-01/900 inner tube r. + spindle	with 21, 07 + 04	JS E0056201	1
23	Mh-02/850 inner tube r. + spindle	with 21, 07 + 04	JS E0056202	1
23	Mh-03/800 inner tube r. + spindle	with 21, 07 + 04	JS E0056203	1
23	Mh-04/750 inner tube r. + spindle	with 21, 07 + 04	JS E0056204	1
23	Mh-05/700 inner tube r. + spindle	with 21, 07 + 04	JS E0056205	1
23	Mh-06/650 inner tube r. + spindle	with 21, 07 + 04	JS E0056206	1
24	Nut and bolt**		JS E1043300	2
25	Nuts		JS E0055300	4
26	Spring		JS E0012900	4
27	S-Foot	compl., with 24 + 26***	JS D01	2
28	A-Foot	compl., with 24***	JS D02	2
29	T-Foot	compl., with 24***	JS D04	2
30	TC-Foot	compl., with 24* & ***	JS D06	2
31	Clamp with angle	with 35, 36 + 37	JS E010.010	2
32	Angle		JS E010.001	2
33	Clamp		JS E010.002	2
34	Nut and bolt		JS E020.004	2

a From 020121/0009246
b Crank kit see Page 132
c Also module 2000 (replacement for JS E0059200)
* With the 06/TC foot version, item 30, the installation height Mh is reduced by 50 mm
** Nut and bolt up to September 2009 Order No. JS E1043300 (4 per Kit)
** Nut and bolt from September 2009 Order No. JS E1043300 (2 per Kit)
*** Only one fitting included in scope of delivery
**** Replaces version with washer

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1

Landing gears · Modul CB

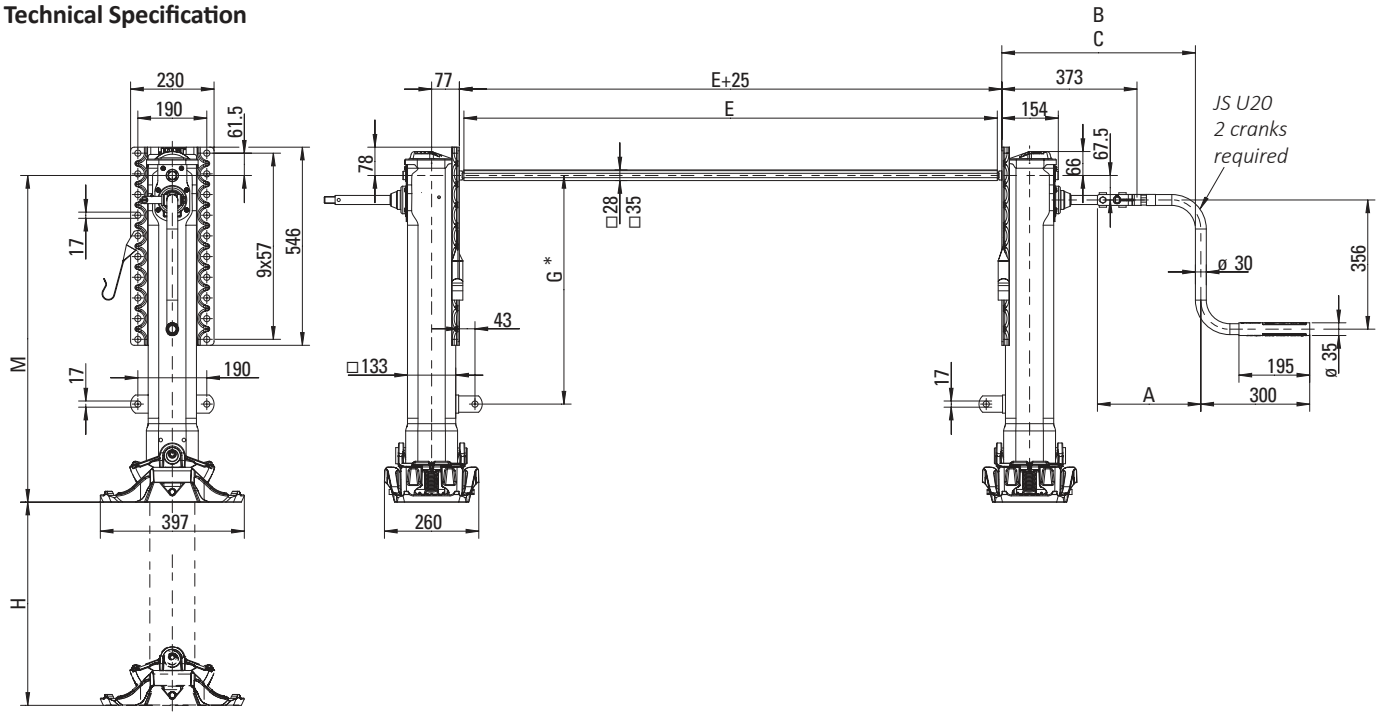
Advantages at a glance

- Can be operated by two persons (two side operation)
- Reduced crank force
- Operation from either side alone is possible

Technical Features

- Special handle for two side operation

Technical Specification



Technical Data (per kit)

Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force per crank at 16 t lifiting capacity	110 N

Remark:
* With double back plate or plate bottom brace lugs can be ordered separately for the mounting height 750, 700, 650.

Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Selection table / Versions available

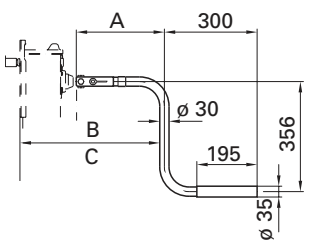
Order No.	M (mm)	H (mm)	G (mm)	Back plate	Foot
CB201110000	900	560	630	upper	S
CB201120000	900	560	630	upper	A
CB201140000	900	560	630	upper	T
CB201210000	900	560	630	lower	S
CB201220000	900	560	630	lower	A
CB201240000	900	560	630	lower	T
CB201310000	900	560	630	double	S
CB201320000	900	560	630	double	A
CB201340000	900	560	630	double	T
CB201160000	850	560	630	upper	TC
CB201260000	850	560	630	lower	TC
CB201360000	850	560	630	double	TC
CB202110000	850	520	580	upper	S
CB202120000	850	520	580	upper	A
CB202140000	850	520	580	upper	T
CB202210000	850	520	580	lower	S
CB202220000	850	520	580	lower	A
CB202240000	850	520	580	lower	T
CB202310000	850	520	580	double	S
CB202320000	850	520	580	double	A
CB202340000	850	520	580	double	T
CB202160000	800	520	580	upper	TC
CB202260000	800	520	580	lower	TC
CB202360000	800	520	580	double	TC
CB203110000	800	470	530	upper	S
CB203120000	800	470	530	upper	A
CB203140000	800	470	530	upper	T
CB203210000	800	470	530	lower	S
CB203220000	800	470	530	lower	A
CB203240000	800	470	530	lower	T
CB203310000	800	470	530	double	S
CB203320000	800	470	530	double	A
CB203340000	800	470	530	double	T
CB203160000	750	470	530	upper	TC
CB203260000	750	470	530	lower	TC
CB203360000	750	470	530	double	TC

Order No.	M (mm)	H (mm)	G (mm)	Back plate	Foot
CB204110000	750	430	480	upper	S
CB204120000	750	430	480	upper	A
CB204140000	750	430	480	upper	T
CB204210000	750	430	480	lower	S
CB204220000	750	430	480	lower	A
CB204240000	750	430	480	lower	T
CB204310000	750	430	480	double	S
CB204320000	750	430	480	double	A
CB204340000	750	430	480	double	T
CB204160000	700	430	480	upper	TC
CB204260000	700	430	480	lower	TC
CB204360000	700	430	480	double	TC
CB205110000	700	400	430	upper	S
CB205120000	700	400	430	upper	A
CB205140000	700	400	430	upper	T
CB205210000	700	400	430	lower	S
CB205220000	700	400	430	lower	A
CB205240000	700	400	430	lower	T
CB205310000	700	400	430	double	S
CB205320000	700	400	430	double	A
CB205340000	700	400	430	double	T
CB205160000	650	400	430	upper	TC
CB205260000	650	400	430	lower	TC
CB205360000	650	400	430	double	TC
CB206110000	650	350	380	upper	S
CB206120000	650	350	380	upper	A
CB206140000	650	350	380	upper	T
CB206210000	650	350	380	lower	S
CB206220000	650	350	380	lower	A
CB206240000	650	350	380	lower	T
CB206310000	650	350	380	double	S
CB206320000	650	350	380	double	A
CB206340000	650	350	380	double	T
CB206160000	600	350	380	upper	TC
CB206260000	600	350	380	lower	TC
CB206360000	600	350	380	double	TC

To complete your order for a Modul C please order the required crank handle and, if applicable, connection shaft separately.

Special crank handle for two side operation

Order No.	A	B (Low gear)	C (High gear)
JS U20	285	534	553
JS U21	385	634	653
JS U22	405	654	673
JS U23	450	699	718
JS U24	505	754	773
JS U25	550	799	818

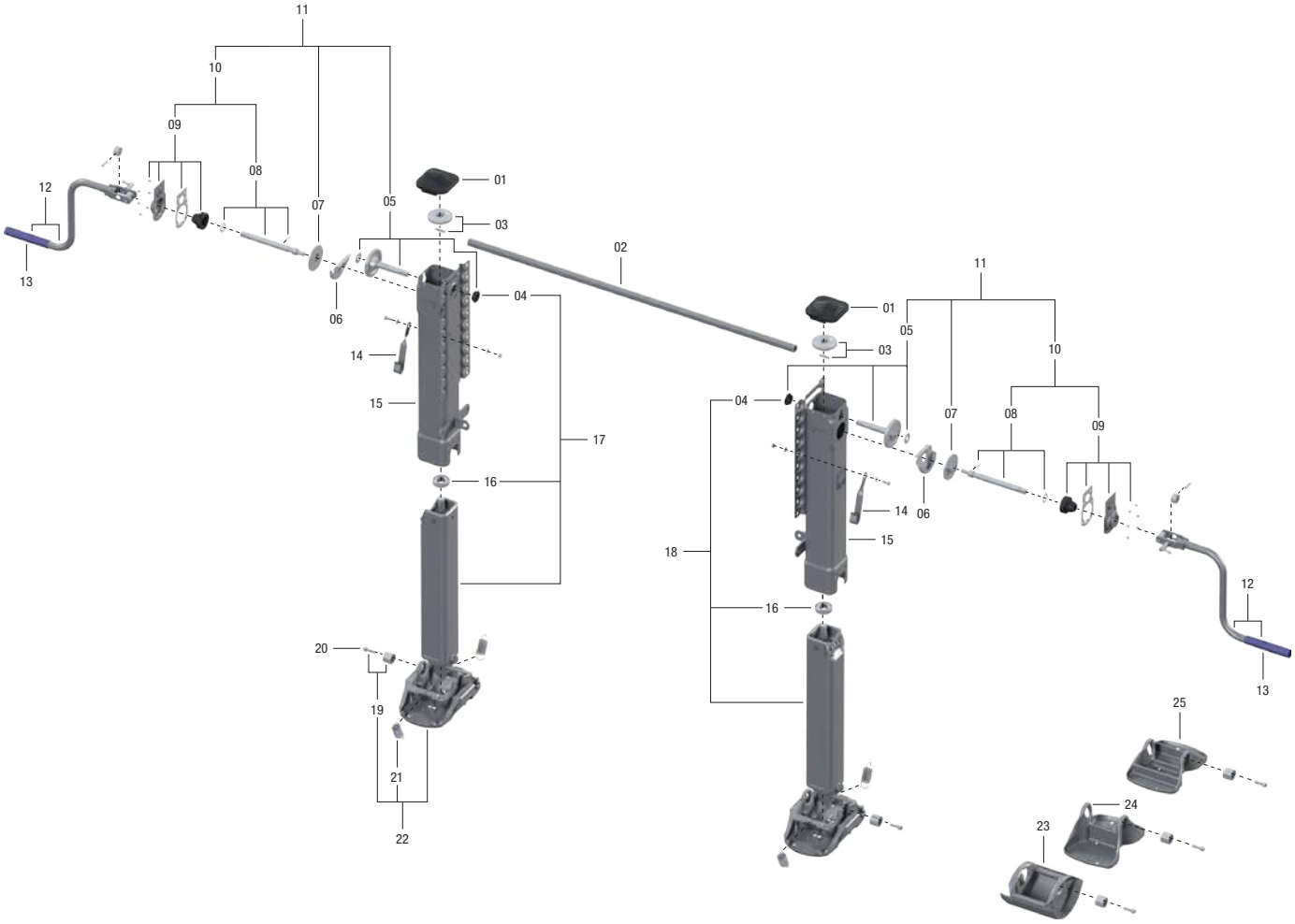


Connection shaft

Order No.	E (Length of connection shaft)
JS L01	1340
JS L02	1450
JS L03	1470
JS L04	1500
JS L05	1505
JS L06	1575
JS L07	1605
JS L08	1635
JS L09	1700
JS L10	1790

Modul CB

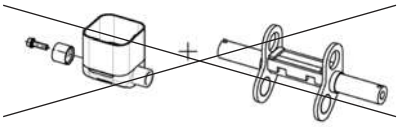
Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
02	See individual components			1
03	Bevel gear with bolts		JS E0058600	2
04	Bearing		JS E0001800	2
05	Shaft with bearing		JS E0058700	2
06	Grease tank		JS E0002000	2
07	Gear		JS E0055800	2
08	Crank shaft	compl.	JS E0062100	2
09	Bearing holder	compl.	JS E0058800	2
10	Crank shaft and bearing holder	compl., with 08 + 09	JS E0060100	2
11	Drive	compl., with 05, 07 + 10	JS E0089800	2
12	See individual components[a]			2
13	Crank bushing		JS E0042700	2
14	Crank parking hook	for crank 285–385 mm	JS E0040201	2
14	Crank parking hook	for crank 405–550 mm	JS E0040202	2
15	* Mh-01/900 shaft	Plate A, top	JS E0028600	2
15	* Mh-02/850 shaft	Plate A, top	JS E0028601	2
15	* Mh-03/800 shaft	Plate A, top	JS E0028602	2
15	* Mh-04/750 shaft	Plate A, top	JS E0028603	2
15	* Mh-05/700 shaft	Plate A, top	JS E0028604	2
15	* Mh-06/650 shaft	Plate A, top	JS E0028605	2
15	* Mh-01/900 shaft	Plate A, bottom	JS E0029700	2
15	* Mh-02/850 shaft	Plate A, bottom	JS E0029701	2
15	* Mh-03/800 shaft	Plate A, bottom	JS E0029702	2

Item	Description	Remark	Order No.	per kit
15	* Mh-04/750 shaft	Plate A, bottom	JS E0029703	2
15	* Mh-05/700 shaft	Plate A, bottom	JS E0029704	2
15	* Mh-06/650 shaft	Plate A, bottom	JS E0029705	2
15	* Mh-01/900 shaft	Double plate	JS E0029200	2
15	* Mh-02/850 shaft	Double plate	JS E0029201	2
15	* Mh-03/800 shaft	Double plate	JS E0029202	2
15	* Mh-04/750 shaft	Double plate	JS E0029203	2
15	* Mh-05/700 shaft	Double plate	JS E0029204	2
15	* Mh-06/650 shaft	Double plate	JS E0029205	2
16	Axial bearing with washer		JS E0066401	2
17	* Mh-01/900 Cover left with spindle and bearing	with 16 + 04	JS E0060501	1
17	* Mh-02/850 Cover left with spindle and bearing	with 16 + 04	JS E0060502	1
17	* Mh-03/800 Cover left with spindle and bearing	with 16 + 04	JS E0060503	1
17	* Mh-04/750 Cover left with spindle and bearing	with 16 + 04	JS E0060504	1
17	* Mh-05/700 Cover left with spindle and bearing	with 16 + 04	JS E0060505	1
17	* Mh-06/650 Cover left with spindle and bearing	with 16 + 04	JS E0060506	1
18	* Mh-01/900 Cover right with spindle and bearing	with 16 + 04	JS E0056201	1
18	* Mh-02/850 Cover right with spindle and bearing	with 16 + 04	JS E0056202	1
18	* Mh-03/800 Cover right with spindle and bearing	with 16 + 04	JS E0056203	1
18	* Mh-04/750 Cover right with spindle and bearing	with 16 + 04	JS E0056204	1
18	* Mh-05/700 Cover right with spindle and bearing	with 16 + 04	JS E0056205	1
18	* Mh-06/650 Cover right with spindle and bearing	with 16 + 04	JS E0056206	1
19	Bolt and nuts***		JS E1043300	2
20	Nuts		JS E0055300	4
21	Spring		JS E0012900	4
22	S-Foot	compl., with 19 + 21****	JS D01	2
23	A-Foot	compl., with 19****	JS D02	2
24	T-Foot	compl., with 19****	JS D04	2
25	TC-Foot	compl., with 19* & ****	JS D06	2
26	R-Foot**	compl., with 19, 27 + 28	JS D03	2
27	Wheels with split pins**		JS E0062200	2
28	Wheel holder**		JS E0067300	2

a Crank kit see Page 132.
* With the 06/TC foot version, item 30, the installation height Mh is reduced by 50 mm
* With the 03/roller foot version, item 31, the installation height Mh is increased by 43 mm
** Item 26, 24,28: only for landing gears up to September 2009 (up to 091009 131204)
*** Nut and bolt up to September 2009 Order No. JS E1043300 (4 per Kit)
*** Nut and bolt from September 2009 Order No. JS E1043300 (2 per Kit)
**** Only one fitting included in scope of delivery



Note on the new foot mounting
Since September 2009, module B has a new foot mounting which is only screwed on one side.
On NO account must the wheel holder be attached with this execution of leg!

Individual components

Item	Description	Remark	Order No.	per kit
02	Connection shaft 1340 mm		JS L01	1
02	Connection shaft 1450 mm		JS L02	1
02	Connection shaft 1470 mm		JS L03	1
02	Connection shaft 1500 mm		JS L04	1
02	Connection shaft 1505 mm		JS L05	1
02	Connection shaft 1575 mm		JS L06	1
02	Connection shaft 1605 mm		JS L07	1
02	Connection shaft 1635 mm		JS L08	1

Item	Description	Remark	Order No.	per kit
02	Connection shaft 1700 mm		JS L09	1
02	Connection shaft 1790 mm		JS L10	1
12	Crank 285 mm	with 13 + 14	JS U20	2
12	Crank 385 mm	with 13 + 14	JS U21	2
12	Crank 405 mm	with 13 + 14	JS U22	2
12	Crank 450 mm	with 13 + 14	JS U23	2
12	Crank 505 mm	with 13 + 14	JS U24	2
12	Crank 550 mm	with 13 + 14	JS U25	2

Information for ordering landing gears with two side operation

The following landing gears are available with two side operation as an option:

CA (Page 181)
CB (Page 138)
CC (Page 143)
CF (Page 153)
CH (Page 159)
CI (Page 162)
CT (Page 167)
CW (Page 170)
CY (Page 173)

Please note the following when ordering:

Selection table / Versions available

The first digit in the order number changes from “1” (single side operation) to “2” (two side operation)

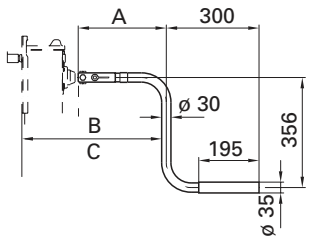
Example Order No.	M (mm)	H (mm)	Back plate	Foot	Operation
CC106470000	650	430	full length	T rigid	Single-side operation
CC206470000	650	430	full length	T rigid	Two-side operation

Accessories

To order a Module C for double-sided operation as a complete set, select the corresponding hand cranks and connection shafts.

Special cranks for two side operation

Order No.	A	B (Low gear)	C (High gear)
JS U20	285	534	553
JS U21	385	634	653
JS U22	405	654	673
JS U23	450	699	718
JS U24	505	754	773
JS U25	550	799	818



Connection shaft

Order No.	E (Length of connection shaft)
JS L01	1340
JS L02	1450
JS L03	1470
JS L04	1500
JS L05	1505
JS L06	1575
JS L07	1605
JS L08	1635
JS L09	1700
JS L10	1790

Landing gears · Modul CC

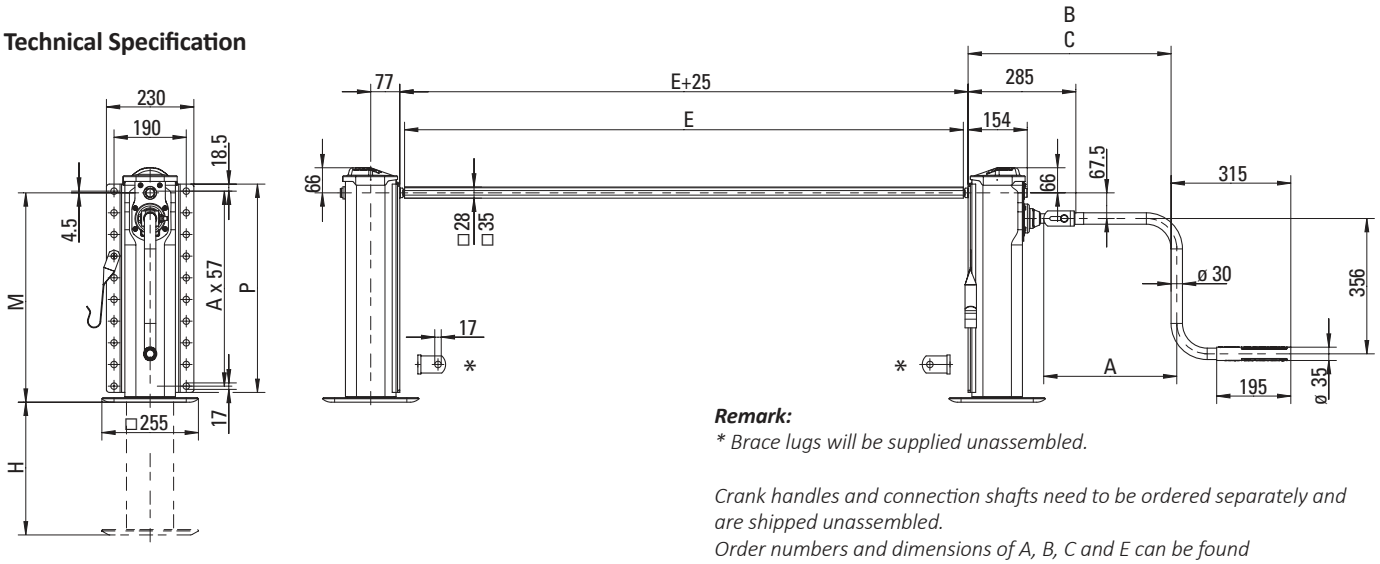
Advantages at a glance

- Extremely compact design
- Maximum lift combined with low mounting height

Technical Features

- Full length back plate
- Rigid sand shoe
- Also available with two side operation and special crank

Technical Specification



Remark:
** Brace lugs will be supplied unassembled.*

Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Selection table / Versions available

Order No.	M (mm)	H (mm)	P (mm)	Back plate	Foot
CC106470000	650	430	648	full length	T rigid
CC108470000	600	400	598	full length	T rigid
CC109470000	550	350	548	full length	T rigid
CC110470000	500	300	498	full length	T rigid
CC111470000	450	250	448	full length	T rigid

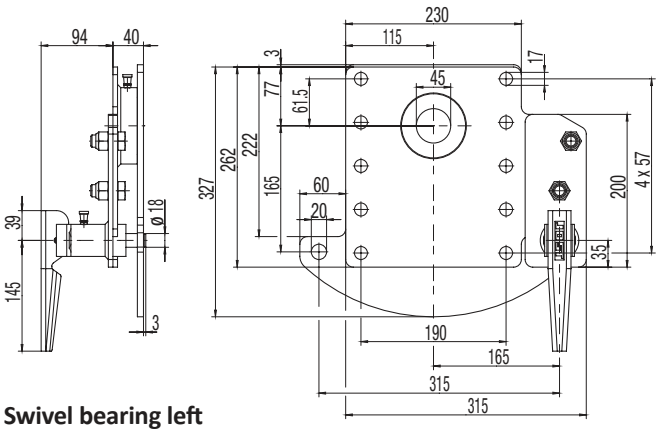
Technical Data (per kit)

Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lifting capacity and static test load by use of the swivel bearings JS E010.014 and JS E010.015	10 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifiting capacity	210 N

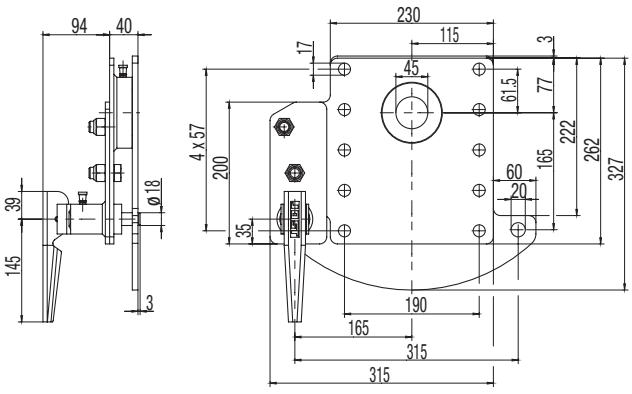
Accessories

Order No.	Description
JS E010.014	Swivel bearing right
JS E010.015	Swivel bearing left
JS E020.005	Bolt kit (12 bolts and nuts)

Order No.	Description
JS E0095220	Spring lock for swivel bearing right
JS E0095320	Spring lock for swivel bearing left



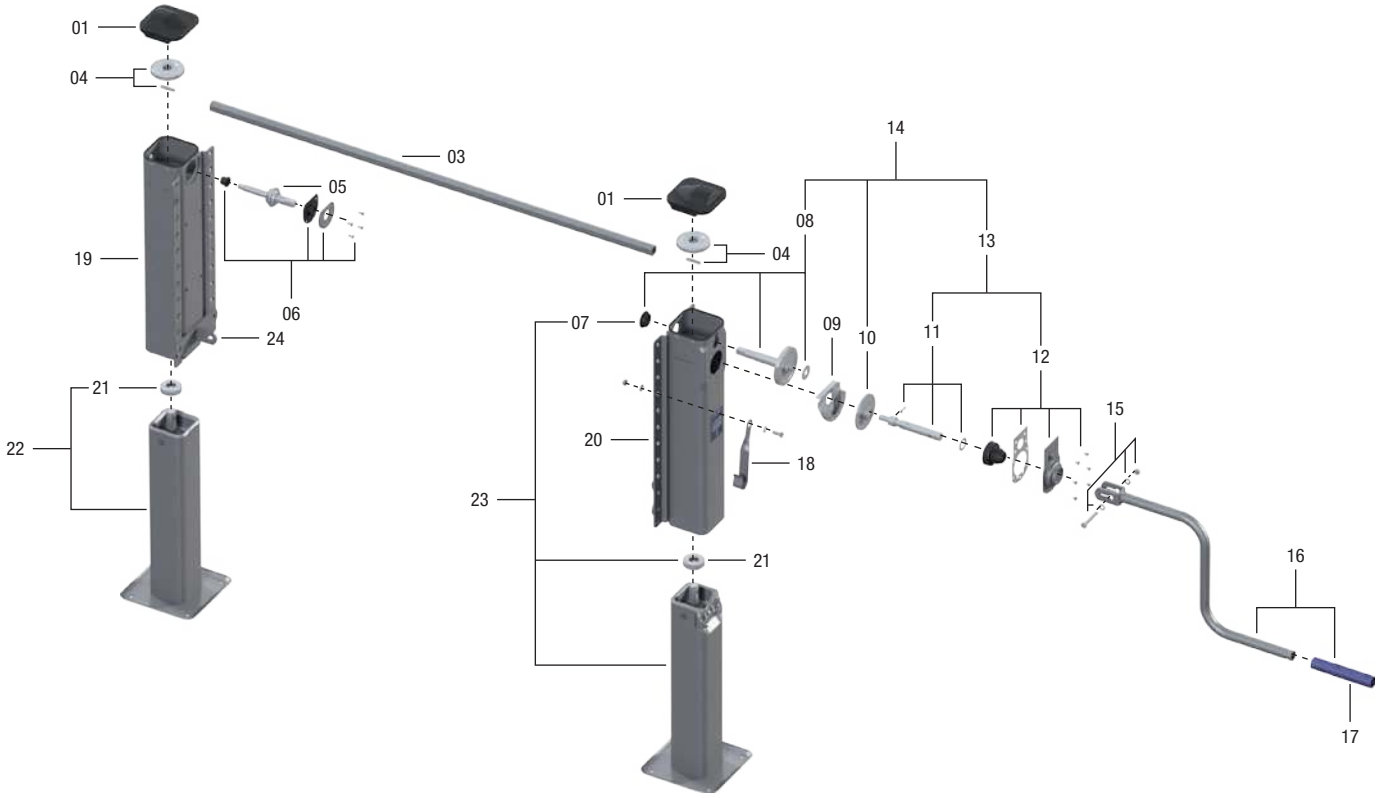
Swivel bearing left



Swivel bearing right

Modul CC

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	See individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Bearing		JS E0001800	1
08	Shaft with bearing	with 07	JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crank shaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crank shaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts, washers, nuts		JS E0043100	1
16	See individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 520–620 mm (JS U05-JS U08)	JS E0040202	1
19	Mh-06/650 Shaft left		JS E0069301	1
19	Mh-08/600 Shaft left		JS E0069302	1
19	Mh-09/550 Shaft left		JS E0069303	1
19	Mh-10/500 Shaft left		JS E0069304	1
19	Mh-11/450 Shaft left		JS E0069305	1
20	Mh-06/650 Shaft right		JS E0069201	1
20	Mh-08/600 Shaft right		JS E0069202	1
20	Mh-09/550 Shaft right		JS E0069203	1
20	Mh-10/500 Shaft right		JS E0069204	1
20	Mh-11/450 Shaft right		JS E0069205	1
21	Axial bearing		JS E0066401	2

Item	Description	Remark	Order No.	per kit
22	Mh-06/650 Inner tube left + spindle and bearing	with 21	JS E0068901	1
22	Mh-08/600 Inner tube left + spindle and bearing	with 21	JS E0068902	1
22	Mh-09/550 Inner tube left + spindle and bearing	with 21	JS E0068903	1
22	Mh-10/500 Inner tube left + spindle and bearing	with 21	JS E0068904	1
22	Mh-11/450 Inner tube left + spindle and bearing	with 21	JS E0068905	1
23	Mh-06/650 Inner tube right + spindle and bearing	with 21 + 07	JS E0068801	1
23	Mh-08/600 Inner tube right + spindle and bearing	with 21 + 07	JS E0068802	1
23	Mh-09/550 Inner tube right + spindle and bearing	with 21 + 07	JS E0068803	1
23	Mh-10/500 Inner tube right + spindle and bearing	with 21 + 07	JS E0068804	1
23	Mh-11/450 Inner tube right + spindle and bearing	with 21 + 07	JS E0068805	1
24	Angle		JS E010.001	2

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1790 mm		JS L10	1
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1



Landing gears · Modul CD

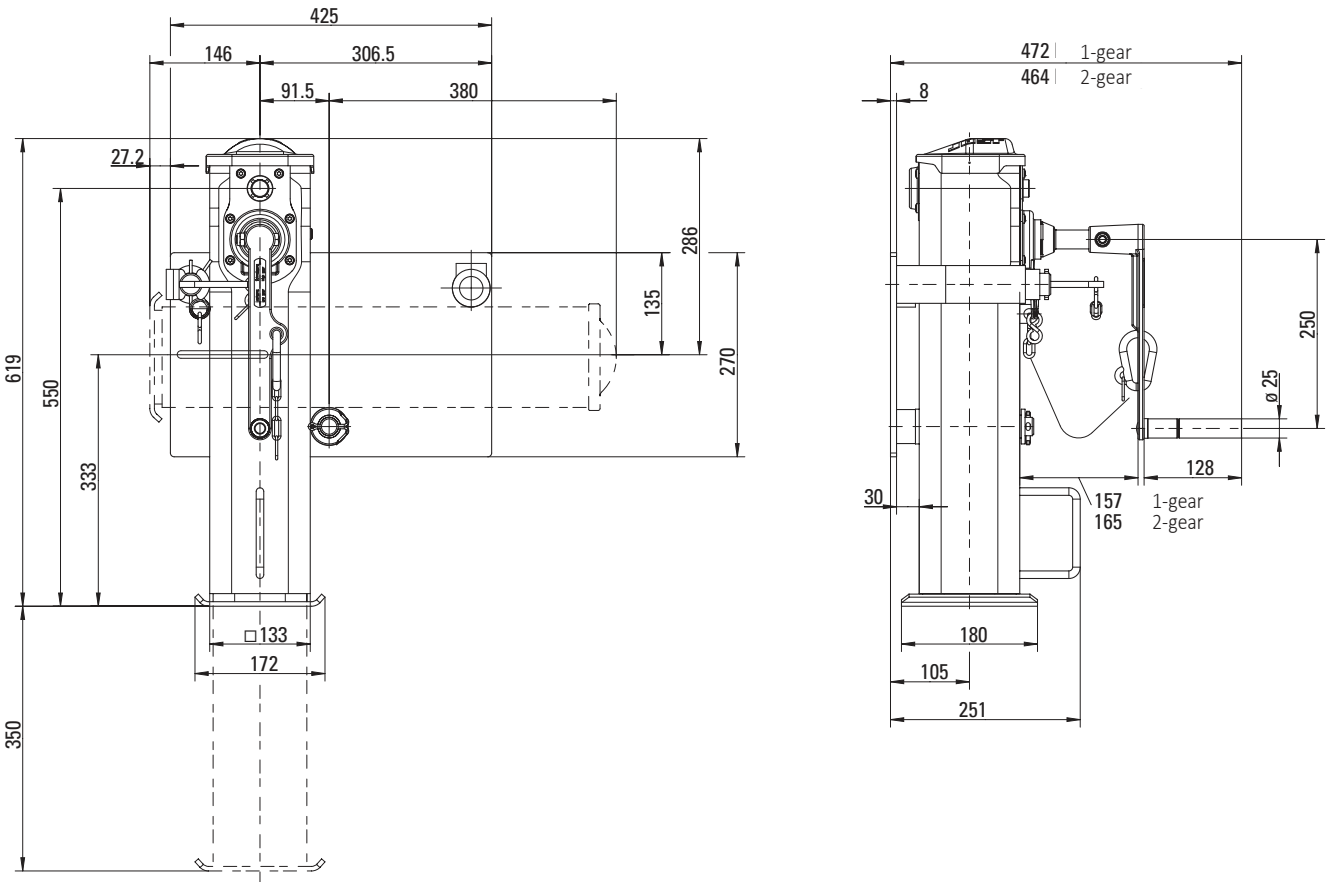
Advantages at a glance

- Swivel landing gear for centre-axle trailers
- Rigid sand shoe for particularly compact installation
- Additional ground clearance thanks to swivel bearing

Technical Features

- Single leg
- Rigid sand shoe
- Drawbar jack with integrated swivel bearing (for welding)

Technical Specification



Selection table / Versions available

Order No.	Speed	M (mm)	H (mm)	Back plate	Foot	Lifting capacity (t)	Static test load (t)	Crank force at x t Lifting capacity (N)
CD1090700L	1	550	350	Swivel bearing	T rigid	2	5	210
CD1090700R	2	550	350	Swivel bearing	T rigid	5	5	100

Technical Data (per piece)

Characteristic – Applies for all module CD types.	Value
Lift per turn of handle 2-gear-leg	
– Low gear	0,9 mm
– High gear	15,0 mm
Lift per turn of handle 1-gear-leg	4,6 mm

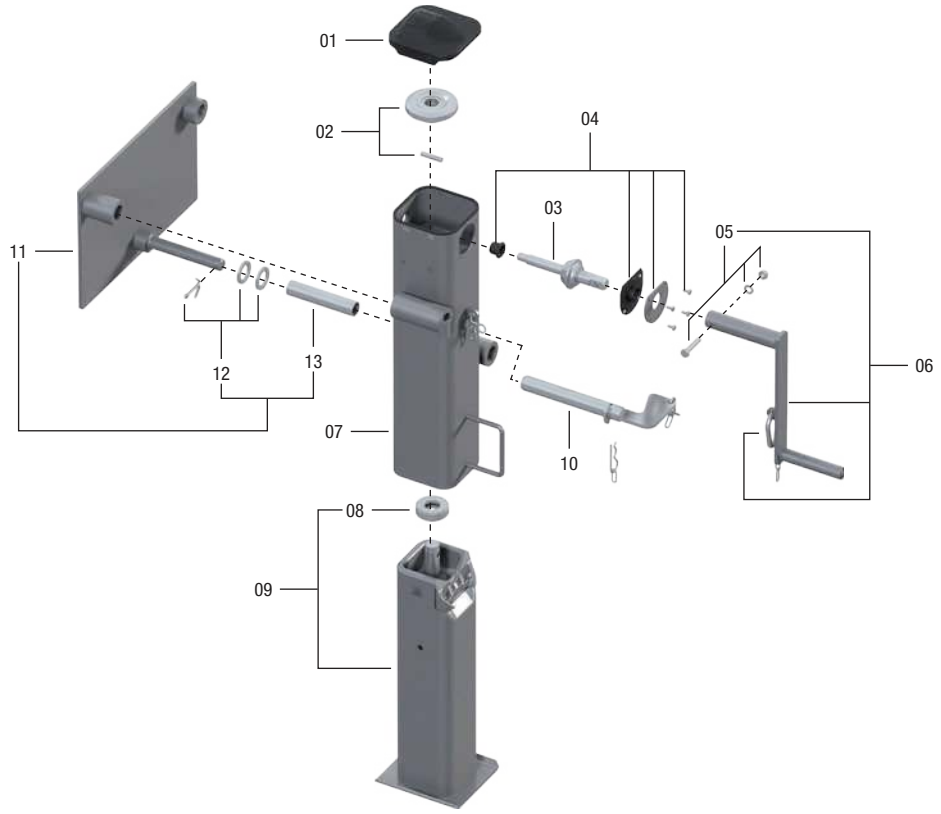
Special Accessories

Crank compact

Order No.	Description
JS U31	Tandem crank handle, folding for 2-gear-leg
JS U32	Tandem crank handle, rigid for 2-gear-leg
JS U36	Tandem crank handle, folding for 1-gear-leg

Modul CD

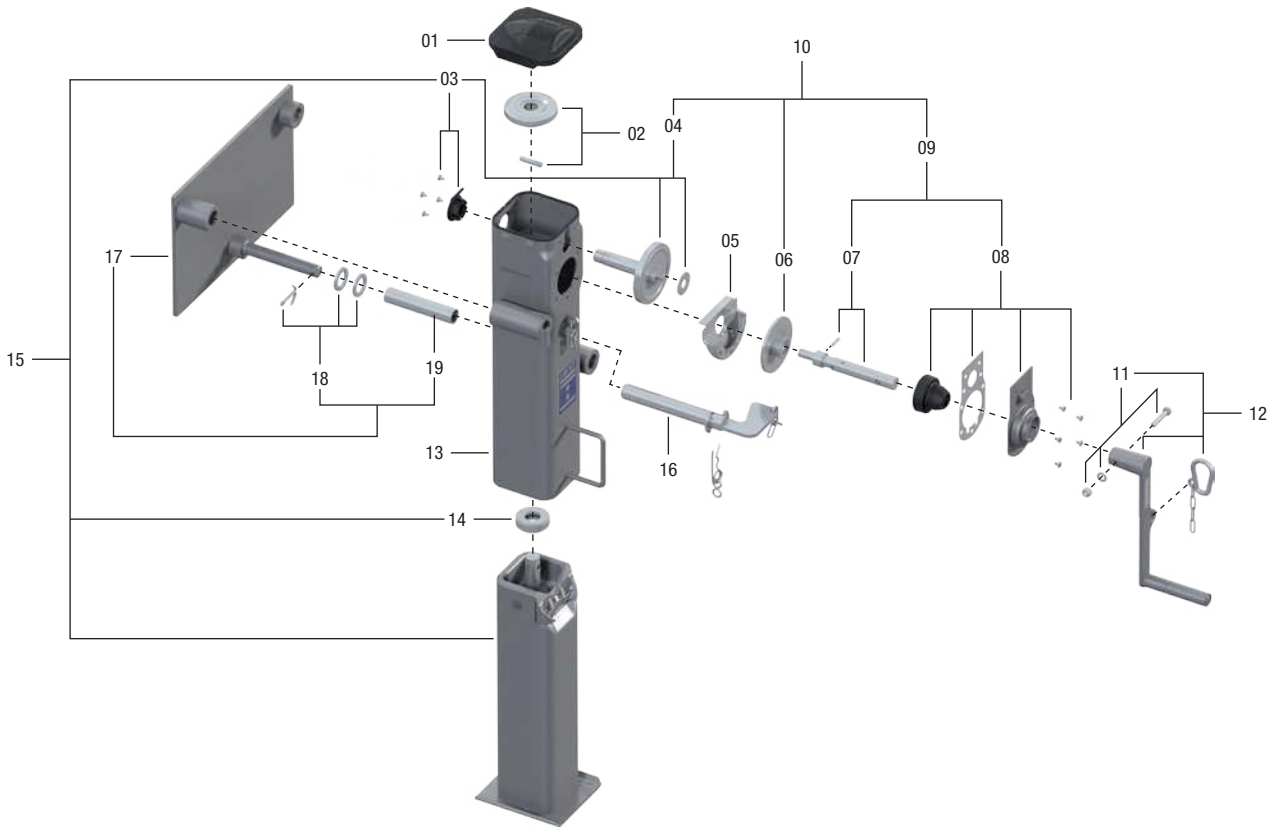
Spare parts 1-gear



Item	Description	Remark	Order No.	per piece
01	Cover with bolts		JS E0046100	1
02	Bevel gear with bolts		JS E0058600	1
03	Shaft		JS E0001501	1
04	Bearing	compl.	JS E0046200	1
05	Bolts with washers and nuts		JS E0043101	1
06	Crank	compl., with 05	JS U36	1
07	Shaft		JS E1092701	1
08	Axial bearing		JS E0066401	1
09	Inner tube + spindle and bearing	with 08	JS E1092601	1
10	Pin	compl.	JS E0077600	1
11	Swivel bearing	compl., with 12	JS E0073100	1
12	Washers and split pin		JS E0088200	1
13	Bushing		JS E0092100	1

Modul CD

Spare parts 2-gear



Item	Description	Remark	Order No.	per piece
01	Cover with bolts		JS E0046100	1
02	Bevel gear with bolts		JS E0058600	1
03	Cover with Bearing	compl.	JS E0125600	1
04	Shaft with bearing	with 03	JS E0084100	1
05	Grease tank		JS E0002000	1
06	Gear		JS E0055800	1
07	Crank shaft	compl.	JS E0046500	1
08	Bearing holder	compl.	JS E0058800	1
09	Crank shaft and bearing holder	compl., with 07 + 08	JS E0056600	1
10	Drive	compl., with 04, 06 + 09	JS E0084300	1
11	Bolts with washers and nuts		JS E0043101	1
12	Crank with spring hook	with 11	JS U31	1
13	Shaft		JS E0072701	1
14	Axial bearing with washer		JS E0066401	1
15	Inner tube + spindle and bearing	with 14 + 03	JS E0067001	1
16	Pin	compl.	JS E0077600	1
17	Locking bearing	compl., with 18 + 19	JS E0073100	1
18	Washers and split pin		JS E0088200	1
19	Bushing		JS E0092100	1

Landing gears · Modul CD

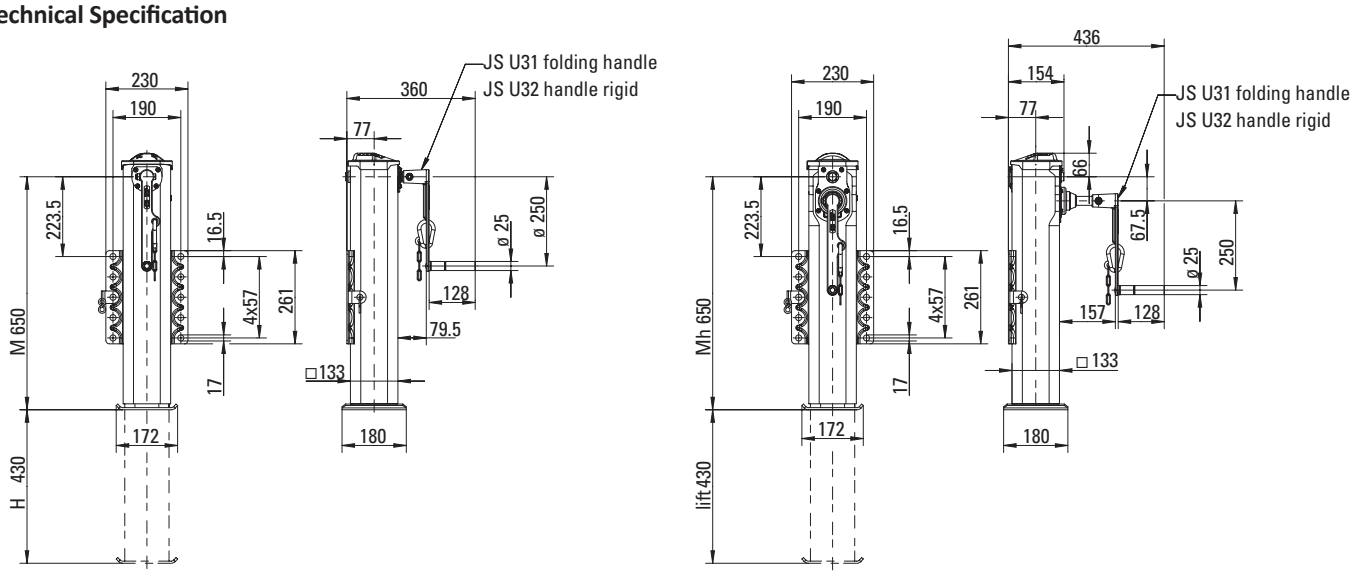
Advantages at a glance

- Drawbar jack rigid
- For all centre-axle trailers, both for road traffic and agricultural use
- Maximum lift combined with low mounting height

Technical Features

- Individual leg
- Rigid sand shoe
- The legs can be welded or bolted on.

Technical Specification



Selection table / Versions available (fixed)

Order No.	Description	M (mm)	H (mm)	Static test load (t)	Lifting capacity (t)	Crank force at x t Lifting capacity (N)
CD1062700L	1-gear-leg	650	430	12	2	210
CD1062700R	2-gear-leg	650	430	12	10	200

Technical Data (per piece)

Characteristic	Value
Lift per turn of handle 2-gear-leg	
– Low gear	0,9 mm
– High gear	15,0 mm
Lift per turn of handle 1-gear-leg	4,6 mm

Landing gears · Modul CD

Advantages at a glance

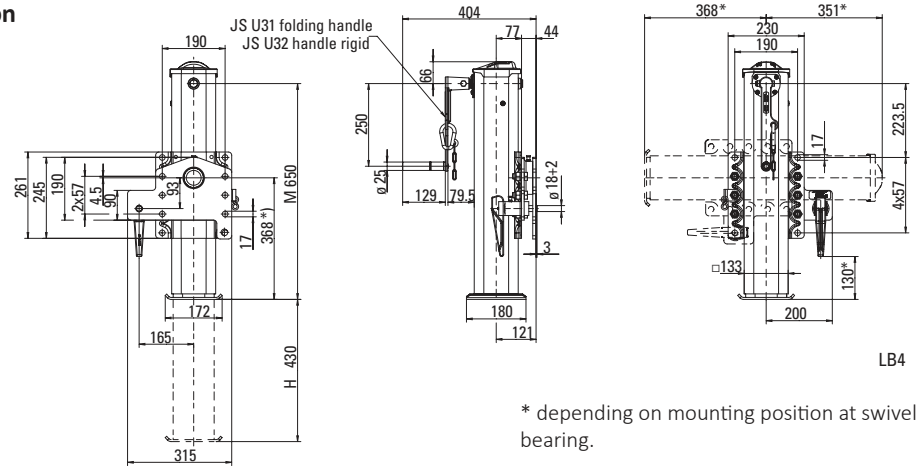
- Swivelling model
- For all centre-axle trailers, both for road traffic and agricultural use
- Added ground clearance thanks to swivel bearing
- Maximum lift combined with low mounting height

Technical Features

- Individual leg
- Rigid sand shoe
- The legs can be welded or bolted on.

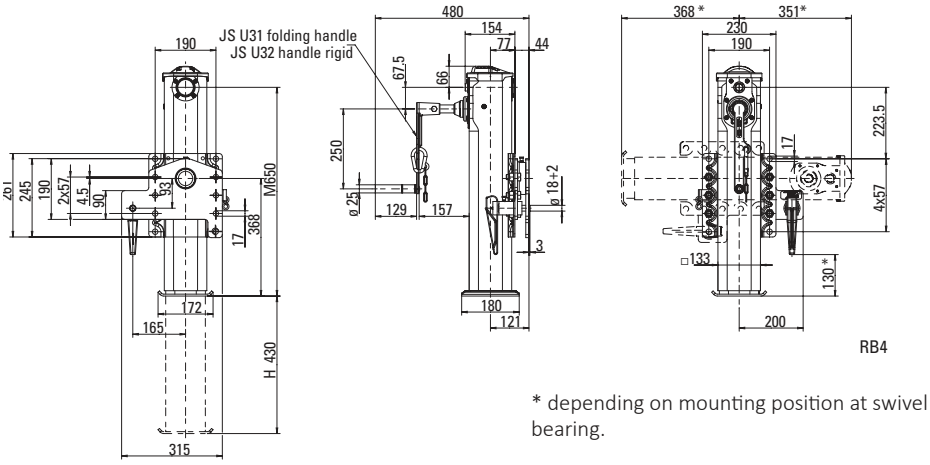
Technical Specification

1-gear-leg



* depending on mounting position at swivel bearing.

2-gear-leg



* depending on mounting position at swivel bearing.

Selection table / Versions available (Swivelling mode)

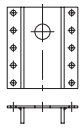
Order No.	Description	M (mm)	H (mm)	Static test load (t)	Lifting capacity (t)	Crank force at x t Lifting capacity (N)
CD1062700LB4	1-speed-leg with swivel bearing	650	430	5	2	210
CD1062700RB4	2-speed-leg with swivel bearing	650	430	5	5	100

Pivot bearing JS E010.013, with bolt kit JS E020.005 included loose.

Accessories

Order No.	Description
JS E010.013	Swivel bearing
JS E020.005	Bolt kit (12 bolts and nuts)
JS E020.003	Back plate
JS U31	Tandem crank handle, folding
JS U32	Tandem crank handle, rigid


JS E010.013

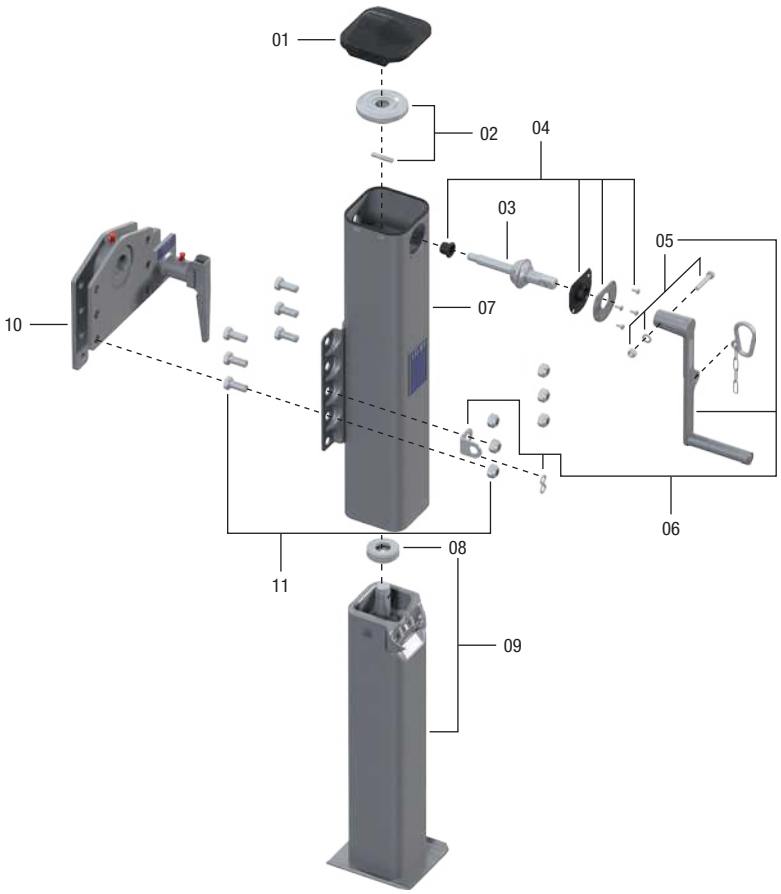

JS E020.003

Technical Data (per piece)

Characteristic	Value
Lift per turn of handle 2-gear-leg	
– Low gear	0,9 mm
– High gear	15,0 mm
Lift per turn of handle 1-gear-leg	4,6 mm

Drawbar jack CD1062700L / LB4

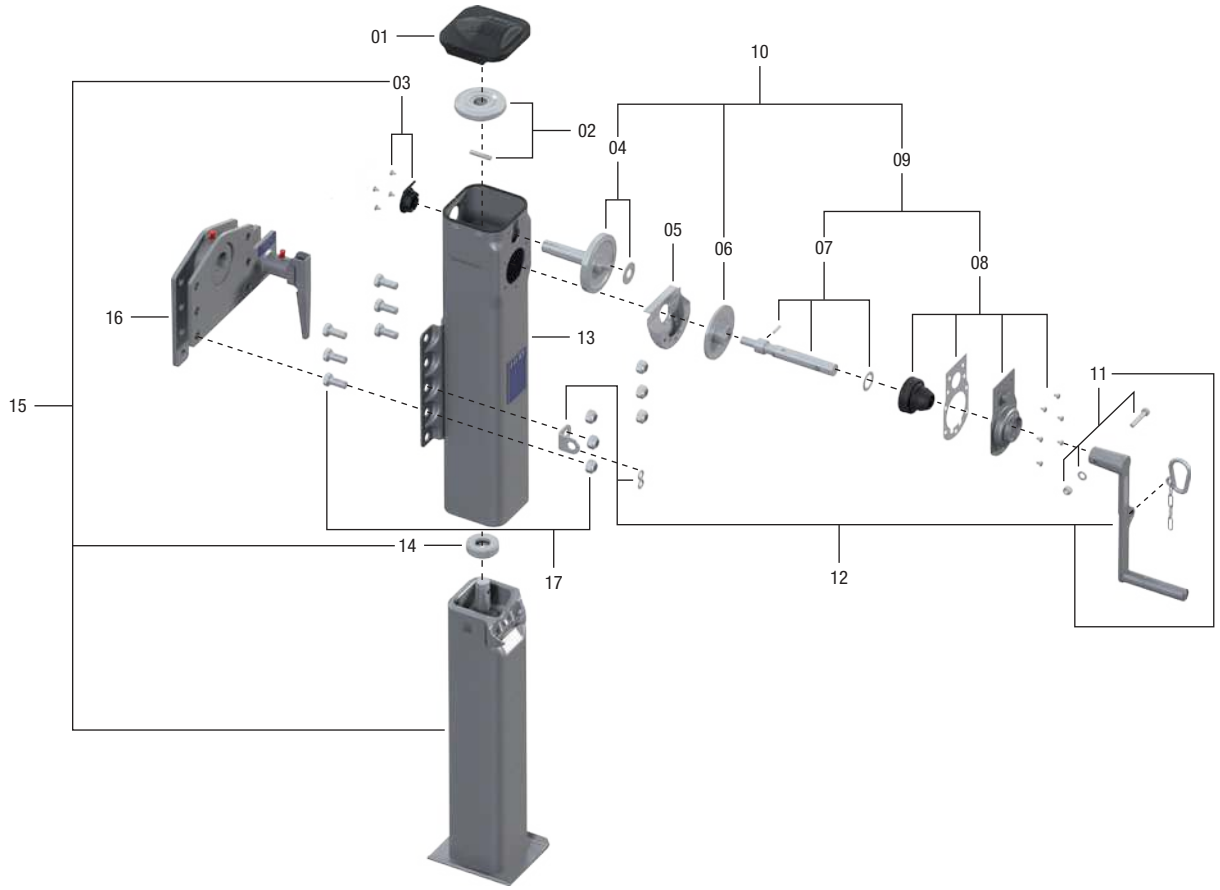
Spare parts



Item	Description	Remark	Order No.	per piece
01	Cover with bolts		JS E0046100	1
02	Bevel gear with bolt		JS E0058600	1
03	Shaft		JS E0001501	1
04	Bearing	compl.	JS E0046200	1
05	Bolts with washers and nuts		JS E0043101	1
06	Crank	compl., with 05	JS U31 or JS U32	1
07	Shaft		JS E0104501	1
08	Axial bearing		JS E0066401	1
09	Inner tube with spindle and bearing	with 08	JS E1092602	1
10	Swivel bearing	for CD1062700LB4	JS E010.013	1
11	Bolt kit	for CD1062700LB4	JS E020.005	1

Drawbar jack CD1062700R / RB4

Spare parts



Item	Description	Remark	Order No.	per piece
01	Cover with bolts		JS E0046100	1
02	Bevel gear with bolt		JS E0058600	1
03	Cover with Bearing		JS E0125600	1
04	Shaft with bearing		JS E0084100	1
05	Grease tank		JS E0002000	1
06	Gear		JS E0055800	1
07	Crank shaft	compl.	JS E0046500	1
08	Bearing holder	compl.	JS E0058800	1
09	Crank shaft and bearing holder	with 07 + 08	JS E0056600	1
10	Drive	compl., with 04 , 06 + 09	JS E0084300	1
11	Bolts with washers and nuts		JS E0043101	1
12	Crank handle with spring hooks	with 11	JS U31 folding JS U32 rigid	1
13	Shaft	with 19	JS E0104401	1
14	Axial bearing		JS E0066401	1
15	Inner tube with Spindle	with 14 + 03	JS E1086301	1
16	Pivot bearing	for CD1062700RB4	JS E010.013	1
17	Bolt kit	for CD1062700RB4	JS E020.005	1

Landing gears · Modul CF

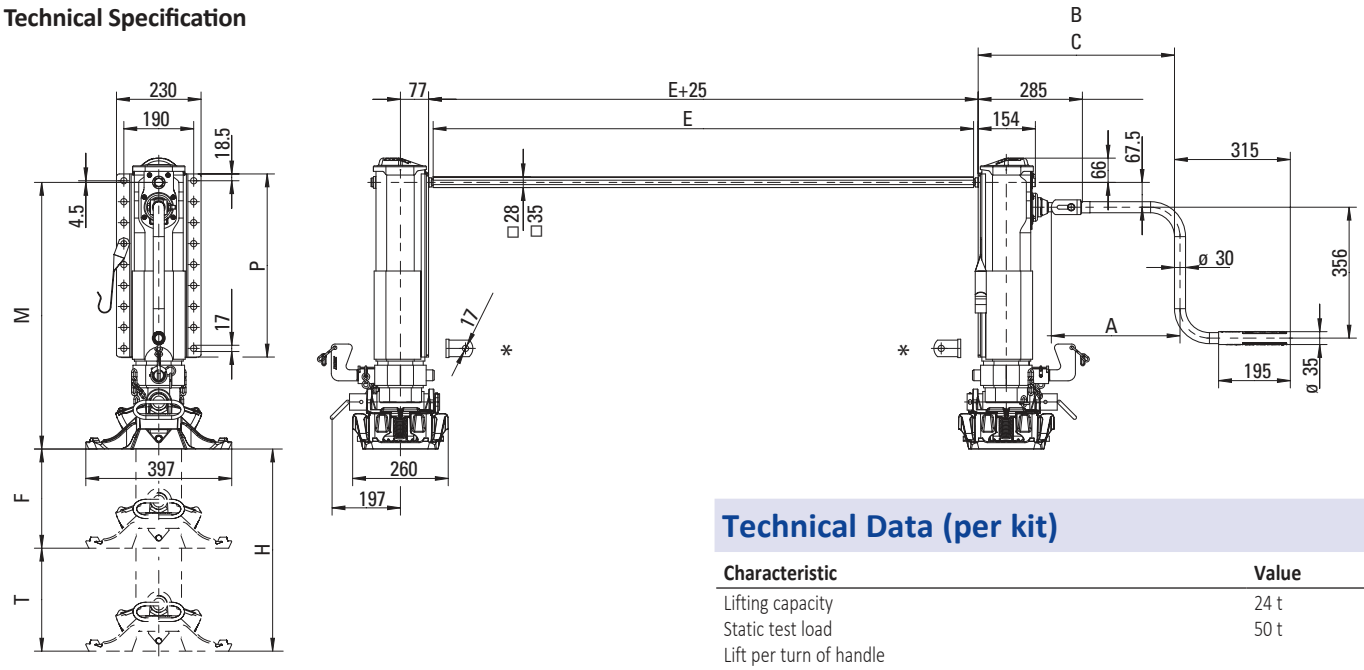
Advantages at a glance

- Drop leg with telescopic lift
- Maximum lift combined with low mounting height
- Compact design

Technical Features

- Additional drop extension
- Full length back plate
- Reinforcement
- Available as two side operation with special handle

Technical Specification



Technical Data (per kit)

Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifiting capacity	210 N

Selection table / Versions available

Order No.	M (mm)	F* (mm)	P (mm)	T** (mm)	H (mm)	Back plate	Foot
CF142410000	925	470	698	430	900	full length	S
CF142420000	925	470	698	430	900	full length	A
CF142440000	925	470	698	430	900	full length	T
CF142460000	875	470	698	430	900	full length	TC
CF143410000	875	420	648	400	820	full length	S
CF143420000	875	420	648	400	820	full length	A
CF143440000	875	420	648	400	820	full length	T
CF143460000	825	420	648	400	820	full length	TC
CF144410000	825	370	598	380	750	full length	S
CF144420000	825	370	598	380	750	full length	A
CF144440000	825	370	598	380	750	full length	T
CF144460000	775	370	598	380	750	full length	TC
CF145410000	775	320	548	330	650	full length	S
CF145420000	775	320	548	330	650	full length	A
CF145440000	775	320	548	330	650	full length	T

Order No.	M (mm)	F* (mm)	P (mm)	T** (mm)	H (mm)	Back plate	Foot
CF145460000	725	320	548	330	650	full length	TC
CF146410000	725	270	498	280	550	full length	S
CF146420000	725	270	498	280	550	full length	A
CF146440000	725	270	498	280	550	full length	T
CF146460000	675	270	498	280	550	full length	TC
CF147410000	675	220	448	230	450	full length	S
CF147420000	675	220	448	230	450	full length	A
CF147440000	675	220	448	230	450	full length	T
CF147460000	625	220	448	230	450	full length	TC
CF148410000	625	170	398	180	350	full length	S
CF148420000	625	170	398	180	350	full length	A
CF148440000	625	170	398	180	350	full length	T
CF148460000	575	170	398	180	350	full length	TC

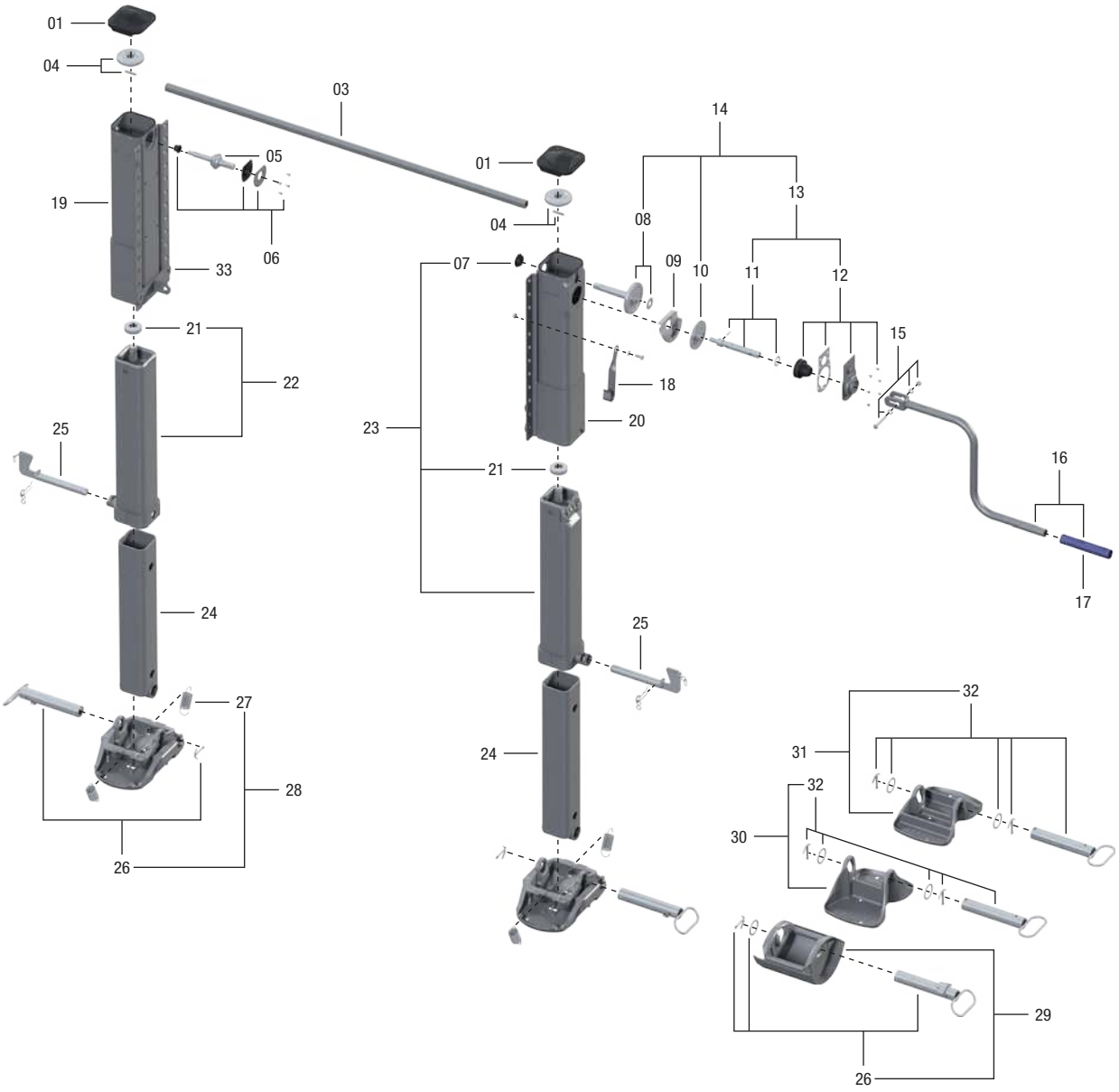
* F: drop extension (fixed)
** T: telescopic lift (stageless)

Remark:
* Brace lugs will be supplied unassembled.

Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Modul CF

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	see individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Shaft		JS E0001800	1
08	Shaft with bearing		JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crankshaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crankshaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts, washers, nuts		JS E0043100	1
16	see individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 520–620 mm (JS U05-JS U08)	JS E0040202	1
19	Mh-42/925 shaft left		JS E0071301	1

Item	Description	Remark	Order No.	per kit
19	Mh-43/875 shaft left		JS E0071302	1
19	Mh-44/825 shaft left		JS E0071303	1
19	Mh-45/775 shaft left		JS E0071304	1
19	Mh-46/725 shaft left		JS E0071305	1
19	Mh-47/675 shaft left		JS E0071306	1
19	Mh-48/625 shaft left		JS E0071307	1
20	Mh-42/925 shaft right		JS E0070601	1
20	Mh-43/875 shaft right		JS E0070602	1
20	Mh-44/825 shaft right		JS E0070603	1
20	Mh-45/775 shaft right		JS E0070604	1
20	Mh-46/725 shaft right		JS E0070605	1
20	Mh-47/675 shaft right		JS E0070606	1
20	Mh-48/625 shaft right		JS E0070607	1
21	Axial bearing		JS E0066401	2
22	Mh-42/925 inner tube l. + spindle and bearing	with 21	JS E0071501	1
22	Mh-43/875 inner tube l. + spindle and bearing	with 21	JS E0071502	1
22	Mh-44/825 inner tube l. + spindle and bearing	with 21	JS E0071503	1
22	Mh-45/775 inner tube l. + spindle and bearing	with 21	JS E0071504	1
22	Mh-46/725 inner tube l. + spindle and bearing	with 21	JS E0071505	1
22	Mh-47/675 inner tube l. + spindle and bearing	with 21	JS E0071506	1
22	Mh-48/625 inner tube l. + spindle and bearing	with 21	JS E0071507	1
23	Mh-42/925 inner tube r. + spindle and bearing	with 21 + 07	JS E0070801	1
23	Mh-43/875 inner tube r. + spindle and bearing	with 21 + 07	JS E0070802	1
23	Mh-44/825 inner tube r. + spindle and bearing	with 21 + 07	JS E0070803	1
23	Mh-45/775 inner tube r. + spindle and bearing	with 21 + 07	JS E0070804	1
23	Mh-46/725 inner tube r. + spindle and bearing	with 21 + 07	JS E0070805	1
23	Mh-47/675 inner tube r. + spindle and bearing	with 21 + 07	JS E0070806	1
23	Mh-48/625 inner tube r. + spindle and bearing	with 21 + 07	JS E0070807	1
24	Mh-42/925 support leg with chain		JS E0071001	2
24	Mh-43/875 support leg with chain		JS E0071002	2
24	Mh-44/825 support leg with chain		JS E0071003	2
24	Mh-45/775 support leg with chain		JS E0071004	2
24	Mh-46/725 support leg with chain		JS E0071005	2
24	Mh-47/675 support leg with chain		JS E0071006	2
24	Mh-48/625 support leg with chain		JS E0071007	2
25	Pin	compl.	JS E0075000	2
26	Shaft	compl. for A and S foot*	JS E0071800	2
27	Spring		JS E0012900	4
28	S foot	compl., with 26 + 27	JS D01CF	2
29	A foot	compl., with 26	JS D02CF	2
30	T foot	compl., with 32	JS D04CF	2
31	TC foot	compl., with 32	JS D06CF	2
32	Shaft	compl. for T- and TC foot	JS E0085600	2
33	Angle		JS E010.001	2

The following applies for S foot:

* Axle until September 2008 JS E007.1800 (2 per set)

* Axle from September 2008 (from 080912 0359815 JS E010.2300 (2 per set)

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1

Landing gears · Modul CF

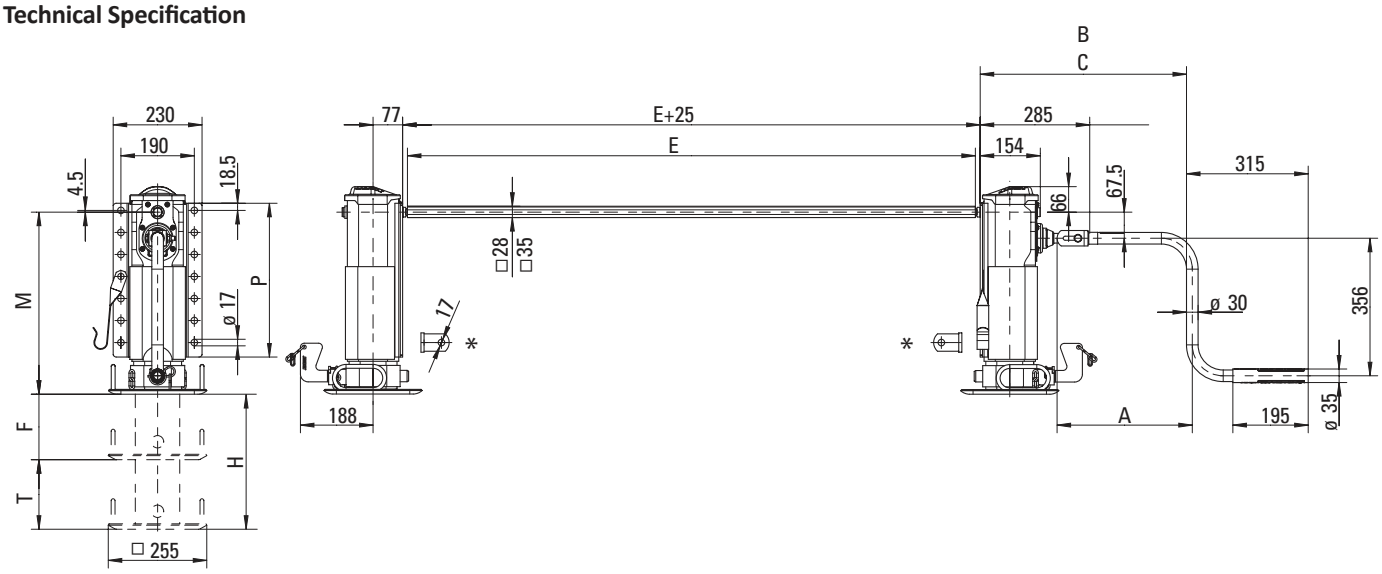
Advantages at a glance

- Drop leg with telescopic lift and fixed disc
- Compact design
- Maximum lift combined with low mounting height

Technical Features

- Fixed disc
- Additional drop extension
- Full length back plate
- Reinforcement
- Also available with two side operation and special crank

Technical Specification



Selection table / Versions available

Order No.	M (mm)	F* (mm)	P (mm)	T** (mm)	H (mm)	Back plate	Foot
CF151470000	670	370	598	380	750	full length	T rigid
CF152470000	620	320	548	330	650	full length	T rigid
CF153470000	570	270	498	280	550	full length	T rigid
CF154470000	520	220	448	230	450	full length	T rigid
CF155470000	470	170	398	180	350	full length	T rigid

* F: drop extension (fixed)
** T: telescopic lift (stageless)

Technical Data (per kit)

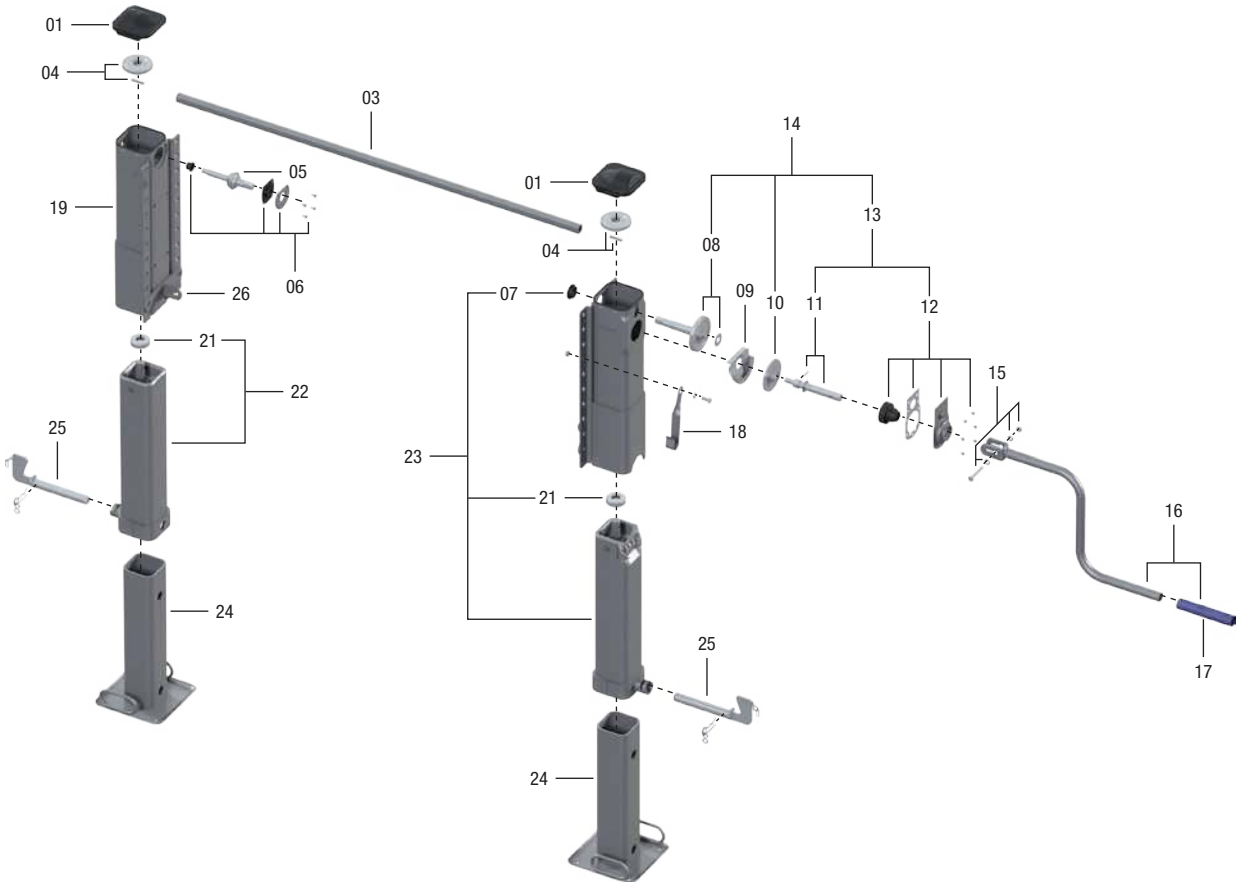
Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifting capacity	210 N

Remark:
* Brace lugs will be supplied unassembled.

Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Modul CF

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	see individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Shaft		JS E0001800	1
08	Shaft with bearing		JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crankshaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crankshaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts, washers, nuts		JS E0043100	1
16	see individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 520–620 mm (JS U05-JS U08)	JS E0040202	1
19	Mh-51/670 shaft left		JS E0071303	1
19	Mh-52/620 shaft left		JS E0071304	1
19	Mh-53/570 shaft left		JS E0071305	1
19	Mh-54/520 shaft left		JS E0071306	1
19	Mh-55/470 shaft left		JS E0071307	1
20	Mh-51/670 shaft right		JS E0070603	1
20	Mh-52/620 shaft right		JS E0070604	1
20	Mh-53/570 shaft right		JS E0070605	1
20	Mh-54/520 shaft right		JS E0070606	1
20	Mh-55/470 shaft right		JS E0070607	1
21	Axial bearing		JS E0066401	2

Item	Description	Remark	Order No.	per kit
22	Mh-51/670 inner tube l. + spindle and bearing	with 21	JS E0071503	1
22	Mh-52/620 inner tube l. + spindle and bearing	with 21	JS E0071504	1
22	Mh-53/570 inner tube l. + spindle and bearing	with 21	JS E0071505	1
22	Mh-54/520 inner tube l. + spindle and bearing	with 21	JS E0071506	1
22	Mh-55/470 inner tube l. + spindle and bearing	with 21	JS E0071507	1
23	Mh-51/670 inner tube r. + spindle and bearing	with 21 + 07	JS E0070803	1
23	Mh-52/620 inner tube r. + spindle and bearing	with 21 + 07	JS E0070804	1
24	Mh-51/670 support leg with chain		JS E0072201	2
24	Mh-52/620 support leg with chain		JS E0072202	2
24	Mh-53/570 support leg with chain		JS E0072203	2
24	Mh-54/520 support leg with chain		JS E0072204	2
24	Mh-55/470 support leg with chain		JS E0072205	2
25	Pin	compl.	JS E0075000	2
26	Angle		JS E010.001	2

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1

Landing gears · Modul CH

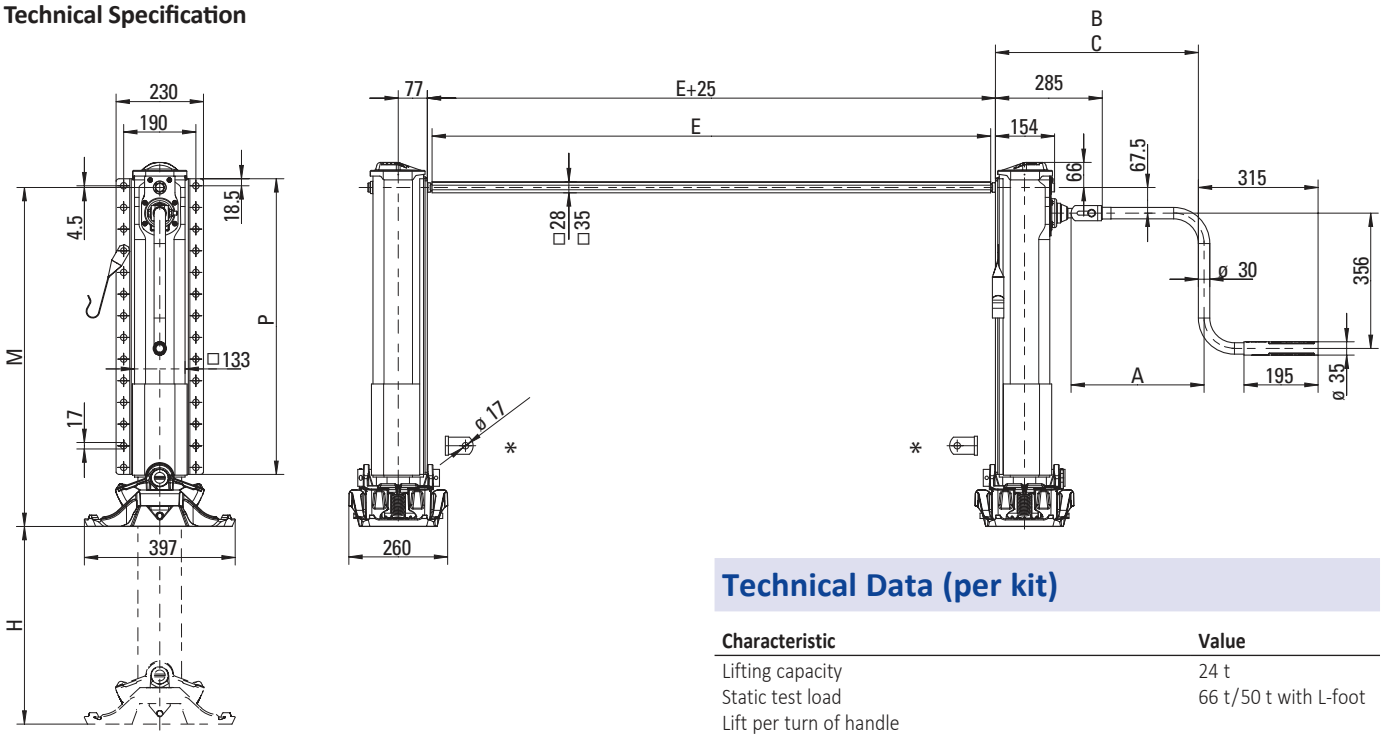
Advantages at a glance

- Heavy duty
- Maximum resistance to bending
- Shock resistant
- Increased static test load (66 t)

Technical Features

- Full length back plate for high mounting variability
- Reinforcement for maximum resistance to bending
- Heavy duty bearing for better shock resistance
- Reinforced inner tube
- Also available with two side operation and special crank
- Reinforced roller foot (L-foot)

Technical Specification



Technical Data (per kit)

Characteristic	Value
Lifting capacity	24 t
Static test load	66 t/50 t with L-foot
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifting capacity	210 N

Selection table / Versions available

Order No.	M (mm)	H (mm)	P (mm)	Back plate	Foot
CH124410000	940	560	828	full length	S
CH124420000	940	560	828	full length	A
CH124440000	940	560	828	full length	T
CH124450000	925	560	828	full length	L
CH125410000	890	520	778	full length	S
CH125420000	890	520	778	full length	A
CH125440000	890	520	778	full length	T
CH125450000	875	520	778	full length	L
CH126410000	840	470	728	full length	S
CH126420000	840	470	728	full length	A
CH126440000	840	470	728	full length	T
CH126450000	825	470	728	full length	L

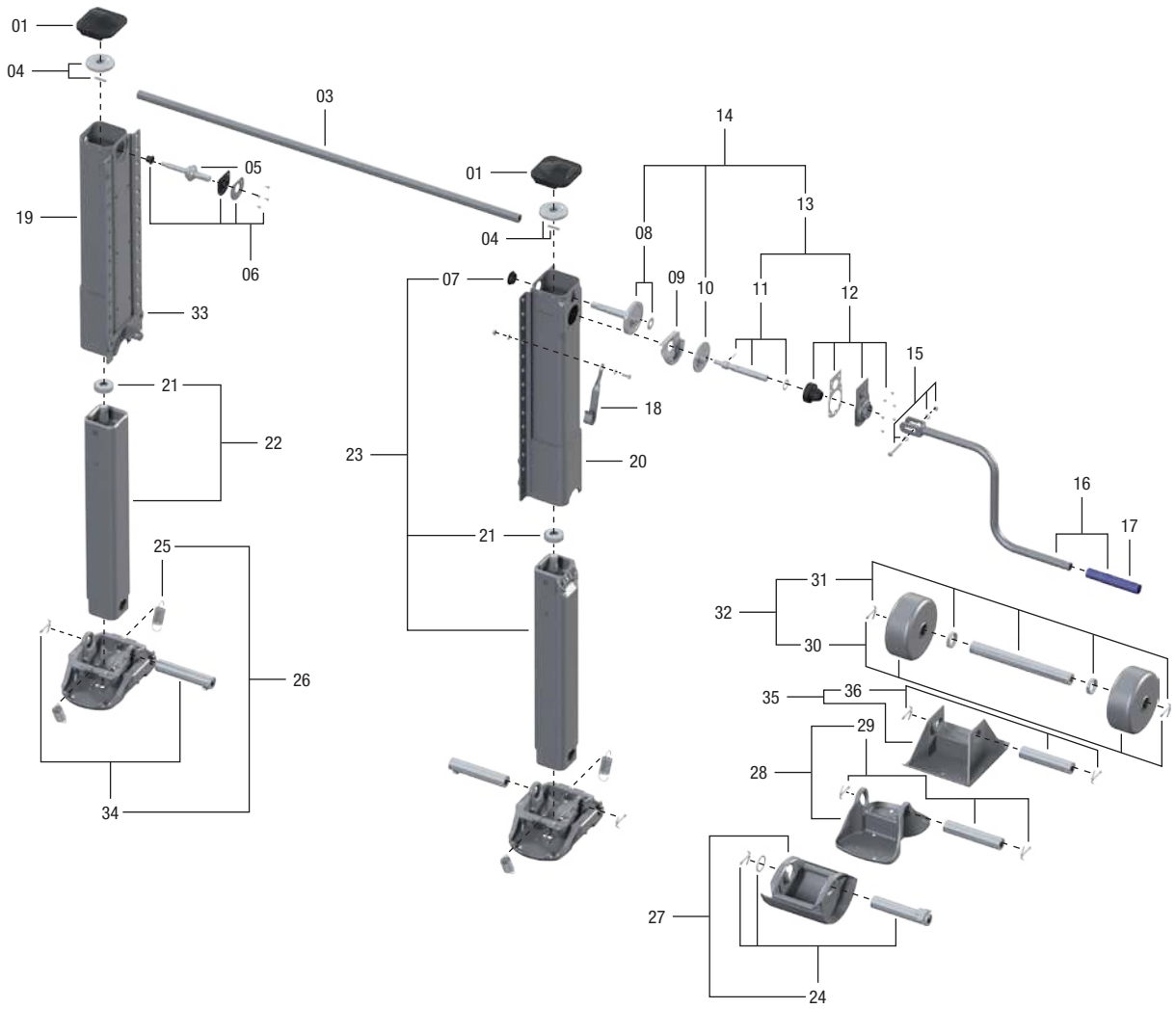
Order No.	M (mm)	H (mm)	P (mm)	Back plate	Foot
CH127410000	790	430	678	full length	S
CH127420000	790	430	678	full length	A
CH127440000	790	430	678	full length	T
CH127450000	775	430	678	full length	L
CH128410000	740	380	628	full length	S
CH128420000	740	380	628	full length	A
CH128440000	740	380	628	full length	T
CH128450000	725	380	628	full length	L
CH130410000	690	330	578	full length	S
CH130420000	690	330	578	full length	A
CH130440000	690	330	578	full length	T
CH130450000	675	330	578	full length	L

Remark:
** Brace lugs will be supplied unassembled.*

Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Modul CH

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	see individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Shaft		JS E0001800	1
08	Shaft with bearing		JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crankshaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crankshaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts, washers, nuts		JS E0043100	1
16	see individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 415-480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 520-620 mm (JS U05-JS U08)	JS E0040202	1
19	* Mh-24/940 shaft left		JS E0062604	1
19	* Mh-25/890 shaft left		JS E0062605	1
19	* Mh-26/840 shaft left		JS E0062606	1
19	* Mh-27/790 shaft left		JS E0062607	1

Item	Description	Remark	Order No.	per kit
19	* Mh-28/740 shaft left		JS E0062608	1
19	* Mh-30/690 shaft left		JS E0062609	1
20	* Mh-24/940 shaft right		JS E0062504	1
20	* Mh-25/890 shaft right		JS E0062505	1
20	* Mh-26/840 shaft right		JS E0062506	1
20	* Mh-27/790 shaft right		JS E0062507	1
20	* Mh-28/740 shaft right		JS E0062508	1
20	* Mh-30/690 shaft right		JS E0062509	1
21	Axial bearing		JS E0066400	2
22	* Mh-24/940 inner tube l. + spindle and bearing	with 21	JS E0063004	1
22	* Mh-25/890 inner tube l. + spindle and bearing	with 21	JS E0063005	1
22	* Mh-26/840 inner tube l. + spindle and bearing	with 21	JS E0063006	1
22	* Mh-27/790 inner tube l. + spindle and bearing	with 21	JS E0063007	1
22	* Mh-28/740 inner tube l. + spindle and bearing	with 21	JS E0063008	1
22	* Mh-30/690 inner tube l. + spindle and bearing	with 21	JS E0063009	1
23	* Mh-24/940 inner tube r. + spindle and bearing	with 21 + 07	JS E0062904	1
23	* Mh-25/890 inner tube r. + spindle and bearing	with 21 + 07	JS E0062905	1
23	* Mh-26/840 inner tube r. + spindle and bearing	with 21 + 07	JS E0062906	1
23	* Mh-27/790 inner tube r. + spindle and bearing	with 21 + 07	JS E0062907	1
23	* Mh-28/740 inner tube r. + spindle and bearing	with 21 + 07	JS E0062908	1
23	* Mh-30/690 inner tube r. + spindle and bearing	with 21 + 07	JS E0062909	1
24	Shaft	compl.	JS E0083600	2
25	Spring		JS E0012900	4
26	S foot	compl., with 24 + 25	JS D01CH	2
27	A foot	compl., with 24	JS D02CH	2
28	T foot	compl., with 29	JS D04CH	2
29	Shaft	compl. for T foot	JS E0083601	2
30	Wheels with split pins		JS E0083800	2
31	Shaft	compl. for R-Foot	JS E0083500	2
32	R-Foot	compl., with 30 + 31	JS D05CH	2
33	Angle		JS E010.001	2
34	Shaft	compl. for S foot**	JS E0102600	2
35	Plate-T foot	compl. with 36	JS10	2
36	Shaft	compl. for T foot	JS 1118-0002	2

* with the roller foot version the installation height Mh is reduced by 15 mm
** Axle until September 2008 JS E008.3600 (2 per set)
** Axle from September 2008 (from 080912 0359815 JS E010.2600 (2 per set)

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1

Landing gears · Modul CI

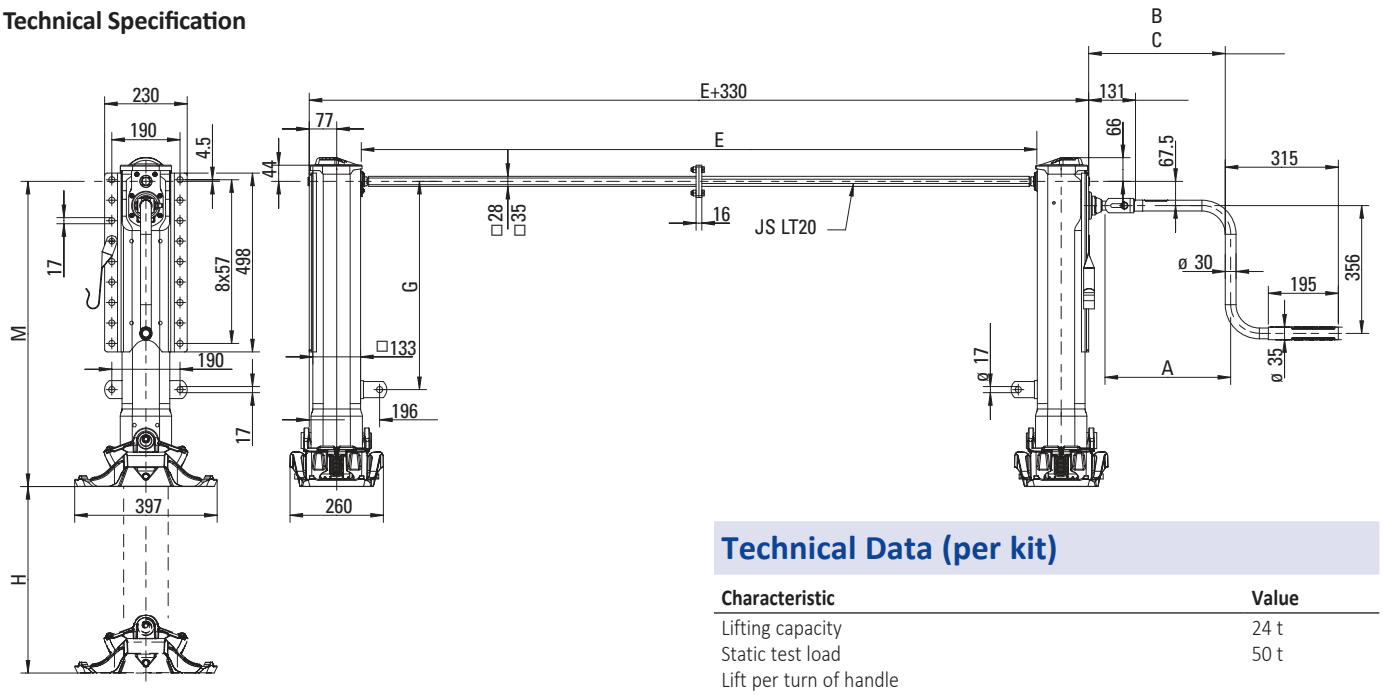
Advantages at a glance

- Inside chassis mounting
- For semi-trailers with external chassis or self supporting structures
- Four foot types

Technical Features

- External back plate
- Split cross shaft for easier installation (see special accessories)
- Also available with two side operation and special crank

Technical Specification



Technical Data (per kit)

Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifiting capacity	210 N

Selection table / Versions available

Order No.	M (mm)	H (mm)	G (mm)	Back plate	Foot
CI101310000	900	560	630	double	S
CI101320000	900	560	630	double	A
CI101340000	900	560	630	double	T
CI101360000	850	560	630	double	TC
CI102310000	850	520	580	double	S
CI102320000	850	520	580	double	A
CI102340000	850	520	580	double	T
CI102360000	800	520	580	double	TC
CI103310000	800	470	530	double	S
CI103320000	800	470	530	double	A

Order No.	M (mm)	H (mm)	G (mm)	Back plate	Foot
CI103340000	800	470	530	double	T
CI103360000	750	470	530	double	TC
CI104310000	750	430	480	double	S
CI104320000	750	430	480	double	A
CI104340000	750	430	480	double	T
CI104360000	700	430	480	double	TC
CI105310000	700	400	430	double	S
CI105320000	700	400	430	double	A
CI105340000	700	400	430	double	T
CI105360000	650	400	430	double	TC

Crank handle

Order No.	A	B (Low gear)	C (High gear)
JS U01	350	381	400
JS U02	415	446	465
JS U03	450	481	500
JS U04	480	546	530
JS U05	520	586	570
JS U07	570	646	620
JS U08	620	681	670

Special Accessories

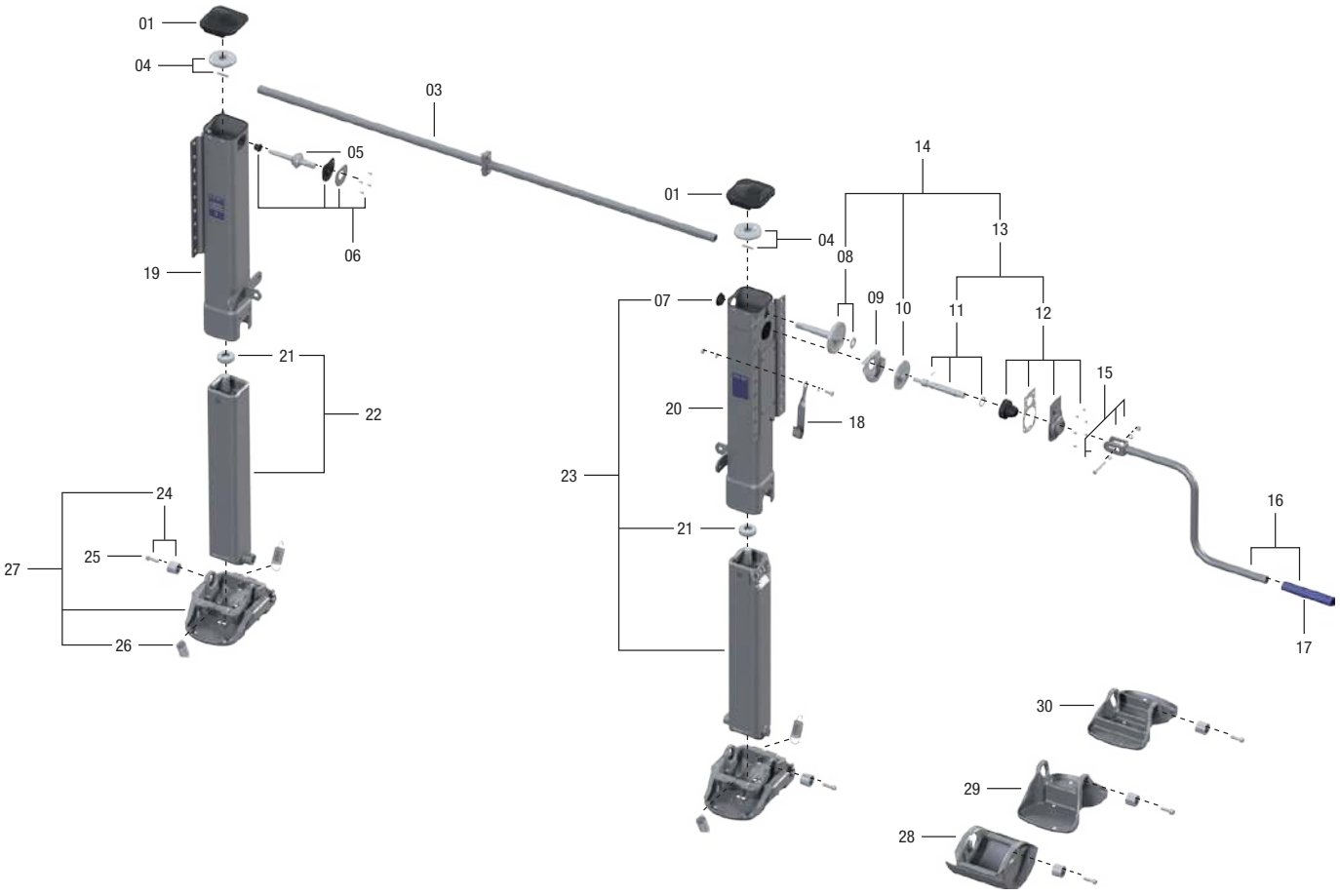
split connection shaft

Order No.	(Length of connection shaft)
JS LT20	1840

Remark:
Crank handles and connection shafts need to be ordered separately and are shipped unassembled.

Modul CI

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	See individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Shaft		JS E0001800	1
08	Shaft with bearing		JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crankshaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crankshaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts, washers, nuts		JS E0043100	1
16	See individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 520–620 mm (JS U05-JS U08)	JS E0040202	1
19	* Mh-01/900 shaft left	Plate A full length	JS E0081501	1
19	* Mh-02/850 shaft left	Plate A full length	JS E0081502	1
19	* Mh-03/800 shaft left	Plate A full length	JS E0081503	1
19	* Mh-04/750 shaft left	Plate A full length	JS E0081504	1
19	* Mh-05/700 shaft left	Plate A full length	JS E0081505	1

Item	Description	Remark	Order No.	per kit
20	* Mh-01/900 shaft right	Plate A full length	JS E0081301	1
20	* Mh-02/850 shaft right	Plate A full length	JS E0081302	1
20	* Mh-03/800 shaft right	Plate A full length	JS E0081303	1
20	* Mh-04/750 shaft right	Plate A full length	JS E0081304	1
20	* Mh-05/700 shaft right	Plate A full length	JS E0081305	1
21	Axial bearing		JS E0066401	2
22	* Mh-01/900 inner tube l. + spindle and bearing	with 21	JS E0056401	1
22	* Mh-02/850 inner tube l. + spindle and bearing	with 21	JS E0056402	1
22	* Mh-03/800 inner tube l. + spindle and bearing	with 21	JS E0056403	1
22	* Mh-04/750 inner tube l. + spindle and bearing	with 21	JS E0056404	1
22	* Mh-05/700 inner tube l. + spindle and bearing	with 21	JS E0056405	1
23	* Mh-01/900 inner tube r. + spindle and bearing	with 21 + 07	JS E0056201	1
23	* Mh-02/850 inner tube r. + spindle and bearing	with 21 + 07	JS E0056202	1
23	* Mh-03/800 inner tube r. + spindle and bearing	with 21 + 07	JS E0056203	1
23	* Mh-04/750 inner tube r. + spindle and bearing	with 21 + 07	JS E0056204	1
23	* Mh-05/700 inner tube r. + spindle and bearing	with 21 + 07	JS E0056205	1
24	Nut and bolt***		JS E1043300	2
25	Bolt		JS E0055300	4
26	Spring		JS E0012900	4
27	S foot	compl., with 24 + 26****	JS D01	2
28	A foot	compl., with 24****	JS D02	2
29	T foot	compl., with 24****	JS D04	2
30	TC foot	compl., with 24****	JS D06	2

*** Nut and bolt up to September 2009 Order No. JS E1043300 (4 per Kit)
*** Nut and bolt from September 2009 Order No. JS E1043300 (2 per Kit)
**** Only one fitting included in scope of delivery

Individual components

Item	Description	Remark	Order No.	per kit
03	Divided connection shaft		JS LT20	1
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1

Landing gears · Modul CS

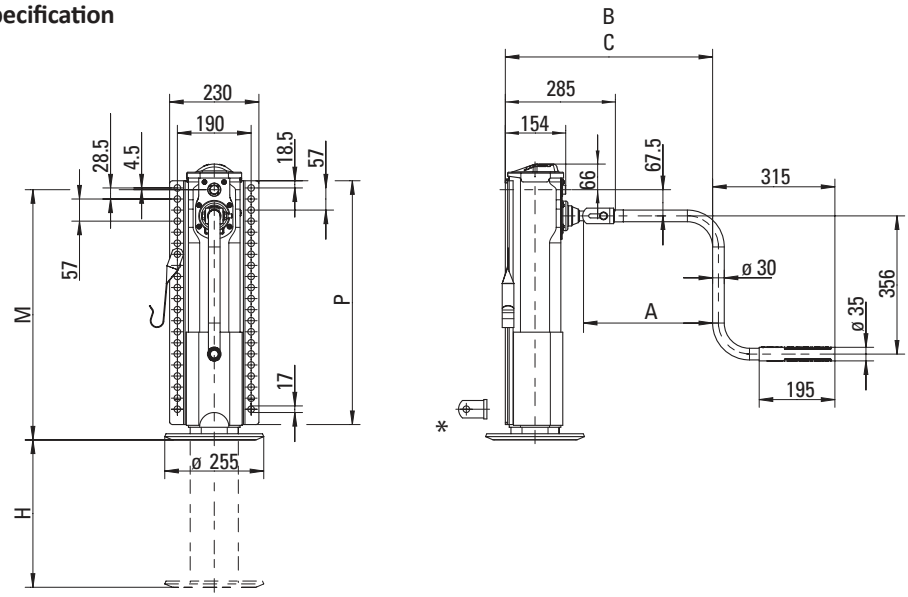
Advantages at a glance

- Stabilising leg for liquid and bulk tippers (rear)
- Support while unloading
- Levelling due to two seperate landing gears
- Low maitenance because of integrated lubricant cartridge
- High degree of installation variability thanks to double bolt hole pattern
- Additional spindle nut
  – Additional protection against wear
  – Minimised risk of accidents

Technical Features

- Protected against wear by fully sealed gearbox and reinforced inner tube
- Full length back plate for high variability during installation
- Reinforcement for maximum bending strength
- Heavy duty shaft for better shock resistance
- Secure stand due to reinforced rigid foot

Technical Specification



Selection table / Versions available

Order No.	M (mm)	H (mm)	P (mm)	Back plate	Foot
CS1044700R	750	470	728	full length	T rigid
CS1054700R	700	380	678	full length	T rigid
CS1064700R	650	380	628	full length	T rigid
CS1084700R	600	330	578	full length	T rigid
CS1094700R	550	280	528	full length	T rigid

Technical Data (per piece / set)

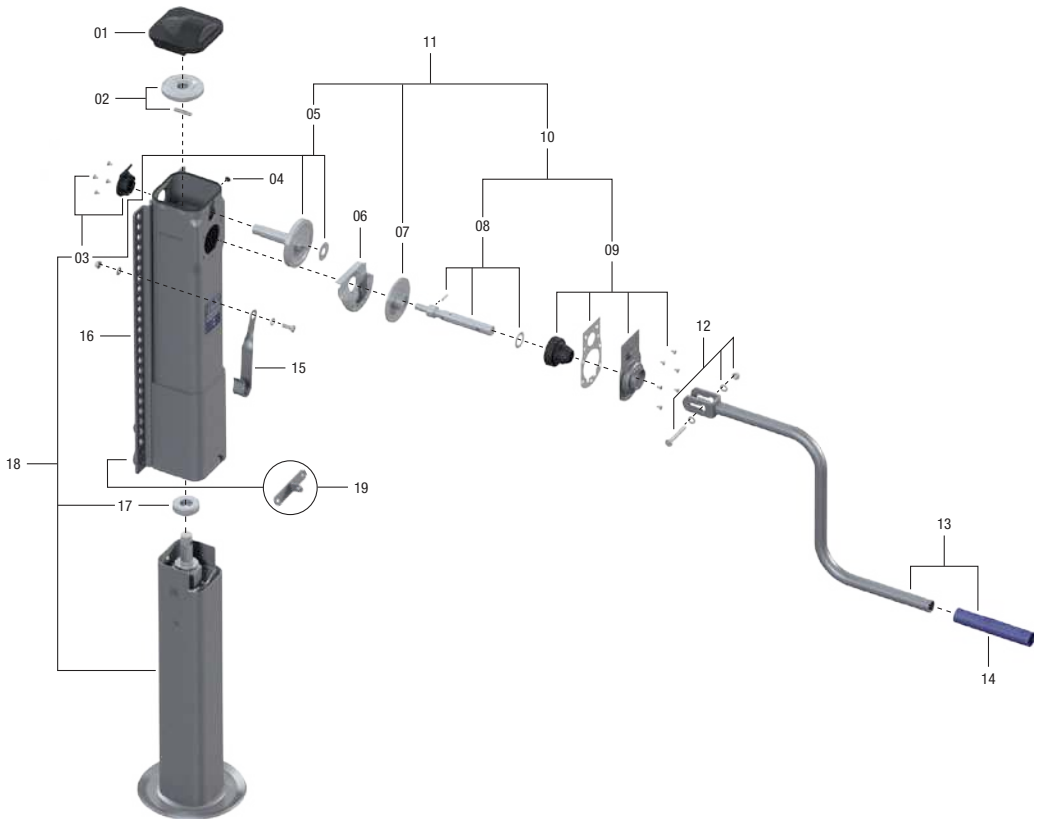
Characteristic	Value
Lifting capacity	12 t/24 t
Static test load	33/66 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 8 t lifiting capacity	110 N

Remark:
** Brace lugs will be supplied unassembled.*

Please order crank handle separately.
Also available without brace lugs on request
Two stabiliser legs are required per trailer. There is no cross shaft.
There is no need for a connection shaft.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Modul CS

Spare parts



Item	Description	Remark	Order No.	per piece
01	Cover with bolts		JS E0046100	1
02	Bevel gear with bolts		JS E0058600	1
03	Cover with shaft	compl.	JS E0125600	1
04	Grease nipple with protective cap		JS E0084000	1
05	Shaft with bearing		JS E0084100	1
06	Grease tank		JS E0002000	1
07	Gear		JS E0055800	1
08	Crankshaft	compl.	JS E0046500	1
09	Bearing holder	compl.	JS E0058800	1
10	Crankshaft and bearing holder	compl., with 08 + 09	JS E0056600	1
11	Drive	compl., with 05, 07 + 10	JS E0084300	1
12	Bolts, washers, nuts		JS E0043100	1
13	Crank 350 mm w. parking hook	with 12, 14 + 15	JS U01	1
13	Crank 415 mm w. parking hook	with 12, 14 + 15	JS U02	1
13	Crank 450 mm w. parking hook	with 12, 14 + 15	JS U03	1
13	Crank 480 mm w. parking hook	with 12, 14 + 15	JS U04	1
13	Crank 520 mm w. parking hook	with 12, 14 + 15	JS U05	1
13	Crank 570 mm w. parking hook	with 12, 14 + 15	JS U07	1
13	Crank 620 mm w. parking hook	with 12, 14 + 15	JS U08	1
14	Crank bushing		JS E0042700	1
15	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
15	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
15	Crank parking hook	for crank 520–620 mm (JS U05-JS U08)	JS E0040202	1
16	Mh-04/750 shaft right		JS E0068303	1
16	Mh-05/700 shaft right		JS E0068302	1
16	Mh-06/650 shaft right		JS E0068301	1
16	Mh-08/600 shaft right		JS E0068304	1
16	Mh-09/550 shaft right		JS E0068305	1
17	Axial bearing		JS E0066400	1
18	Mh-04/750 inner tube r. + spindle and bearing	with 17 + 03 (JS E0083901)	JS E0067003	1
18	Mh-05/700 inner tube r. + spindle and bearing	with 17 + 03 (JS E0083901)	JS E0067002	1
18	Mh-06/650 inner tube r. + spindle and bearing	with 17 + 03 (JS E0083901)	JS E0067001	1
18	Mh-08/600 inner tube r. + spindle and bearing	with 17 + 03 (JS E0083901)	JS E0067004	1
18	Mh-09/550 inner tube r. + spindle and bearing	with 17 + 03 (JS E0083901)	JS E0067005	1
19	Angle		JS E010.001	1

Landing gears · Modul CT

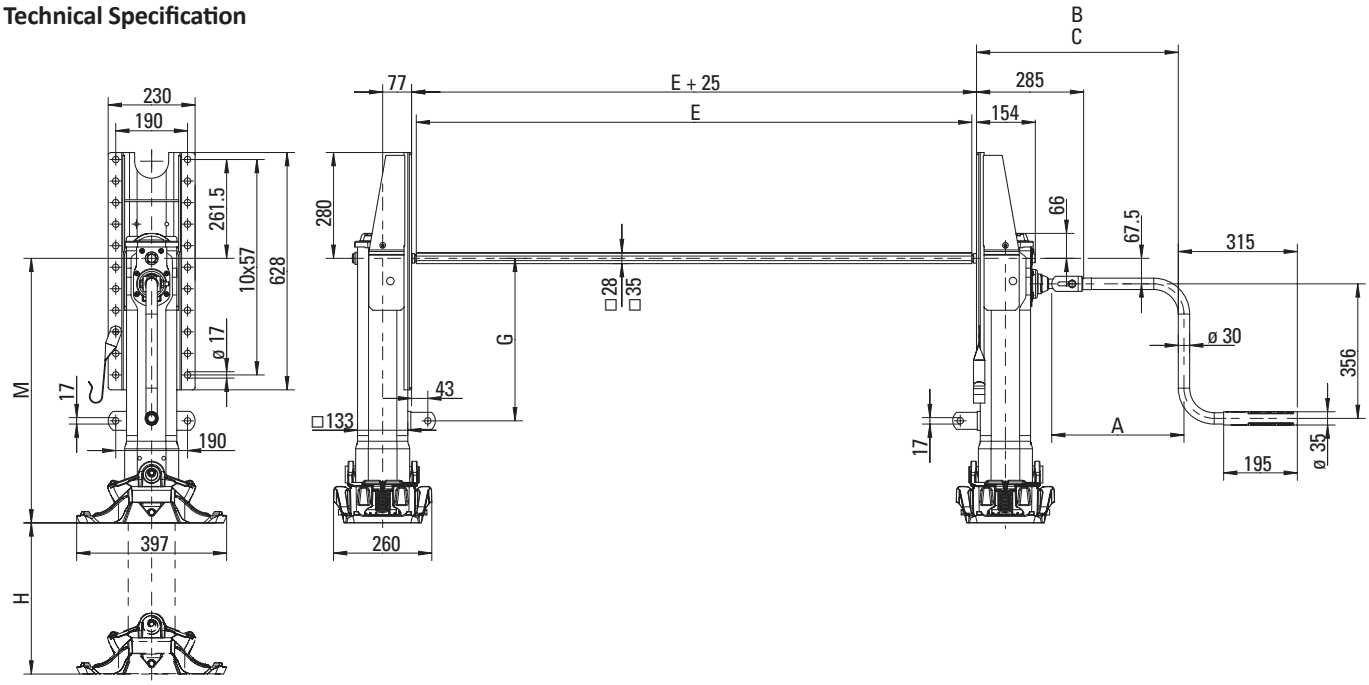
Advantages at a glance

- Lower connection shaft
- For liquid and bulk tippers (front)
- Four foot types

Technical Features

- High installation position
- Long back plate
- Also available with two side operation and special crank

Technical Specification



Selection table / Versions available

Order No.	M (mm)	H (mm)	G (mm)	Back plate	Foot
CT103010000	800	470	530	special	S
CT103020000	800	470	530	special	A
CT103040000	800	470	530	special	T
CT103060000	750	470	530	special	TC
CT104010000	750	430	480	special	S
CT104020000	750	430	480	special	A

Order No.	M (mm)	H (mm)	G (mm)	Back plate	Foot
CT104040000	750	430	480	special	T
CT104060000	700	430	480	special	TC
CT105010000	700	400	430	special	S
CT105020000	700	400	430	special	A
CT105040000	700	400	430	special	T
CT105060000	650	400	430	special	TC

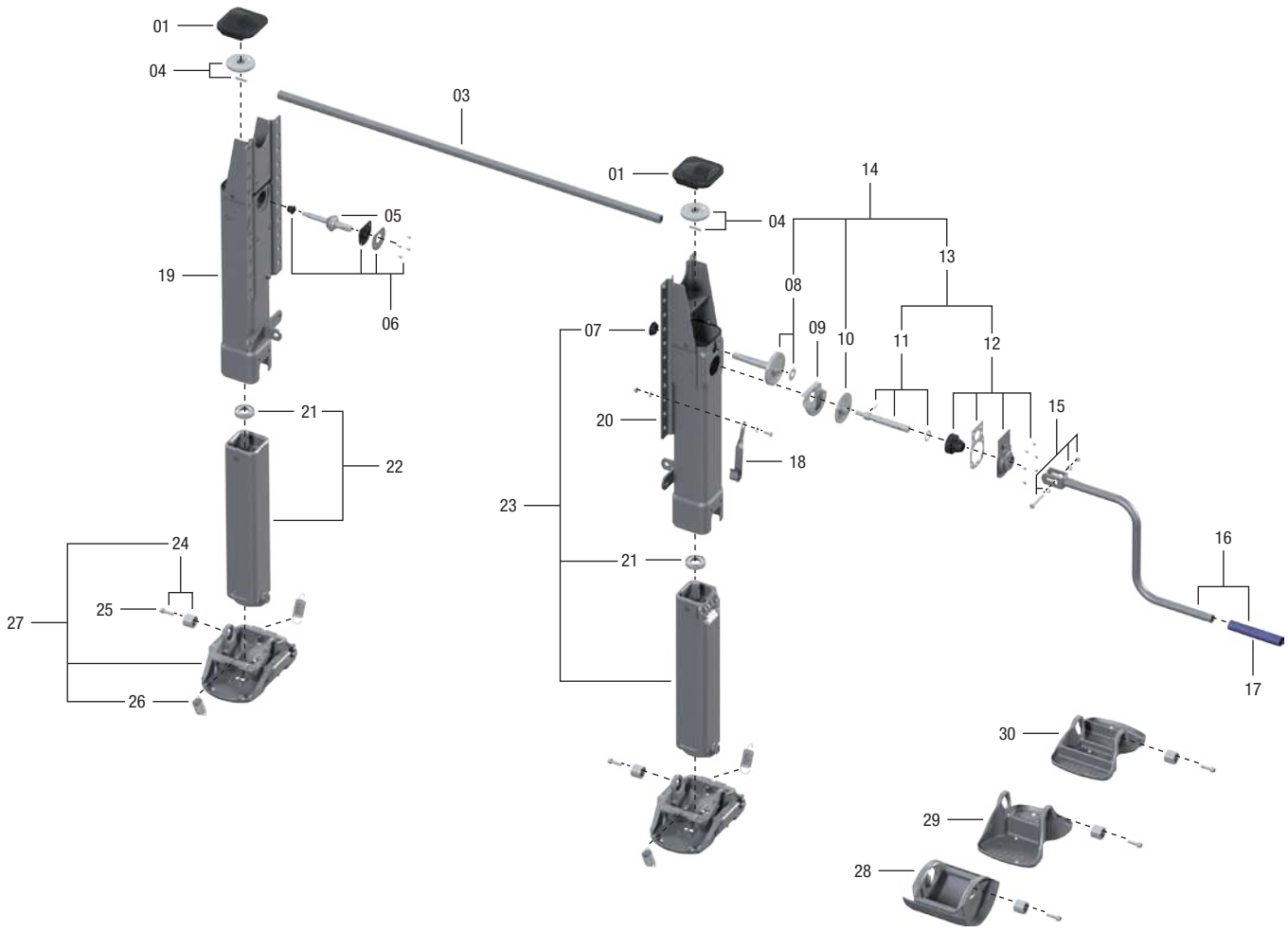
Technical Data (per kit)

Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifiting capacity	210 N

Remark:
Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Modul CT

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	see individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Shaft		JS E0001800	1
08	Shaft with bearing		JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crankshaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crankshaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts, washers, nuts		JS E0043100	1
16	see individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 520–620 mm (JS U05-JS U08)	JS E0040202	1
19	Mh-03/800 shaft left		JS E0075603	1
19	Mh-04/750 shaft left		JS E0075602	1
19	Mh-05/700 shaft left		JS E0075601	1

Item	Description	Remark	Order No.	per kit
20	Mh-03/800 shaft right		JS E0075703	1
20	Mh-04/750 shaft right		JS E0075702	1
20	Mh-05/700 shaft right		JS E0075701	1
21	Axial bearing		JS E0066401	2
22	Mh-03/800 inner tube l. + spindle and bearing	with 21	JS E0056403	1
22	Mh-04/750 inner tube l. + spindle and bearing	with 21	JS E0056404	1
22	Mh-05/700 inner tube l. + spindle and bearing	with 21	JS E0056405	1
23	Mh-03/800 inner tube r. + spindle and bearing	with 21 + 07	JS E0056203	1
23	Mh-04/750 inner tube r. + spindle and bearing	with 21 + 07	JS E0056204	1
23	Mh-05/700 inner tube r. + spindle and bearing	with 21 + 07	JS E0056205	1
24	Nut and bolt***		JS E1043300	2
25	Bolt		JS E0055300	4
26	Spring		JS E0012900	4
27	S foot	compl., with 24 + 26****	JS D01	2
28	A foot	compl., with 24****	JS D02	2
29	T foot	compl., with 24****	JS D04	2
30	TC foot	compl., with 24****	JS D06	2

*** Nut and bolt up to September 2009 Order No. JS E1043300 (4 per Kit)
*** Nut and bolt from September 2009 Order No. JS E1043300 (2 per Kit)
**** Only one fitting included in scope of delivery

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1



Landing gears · Modul CW

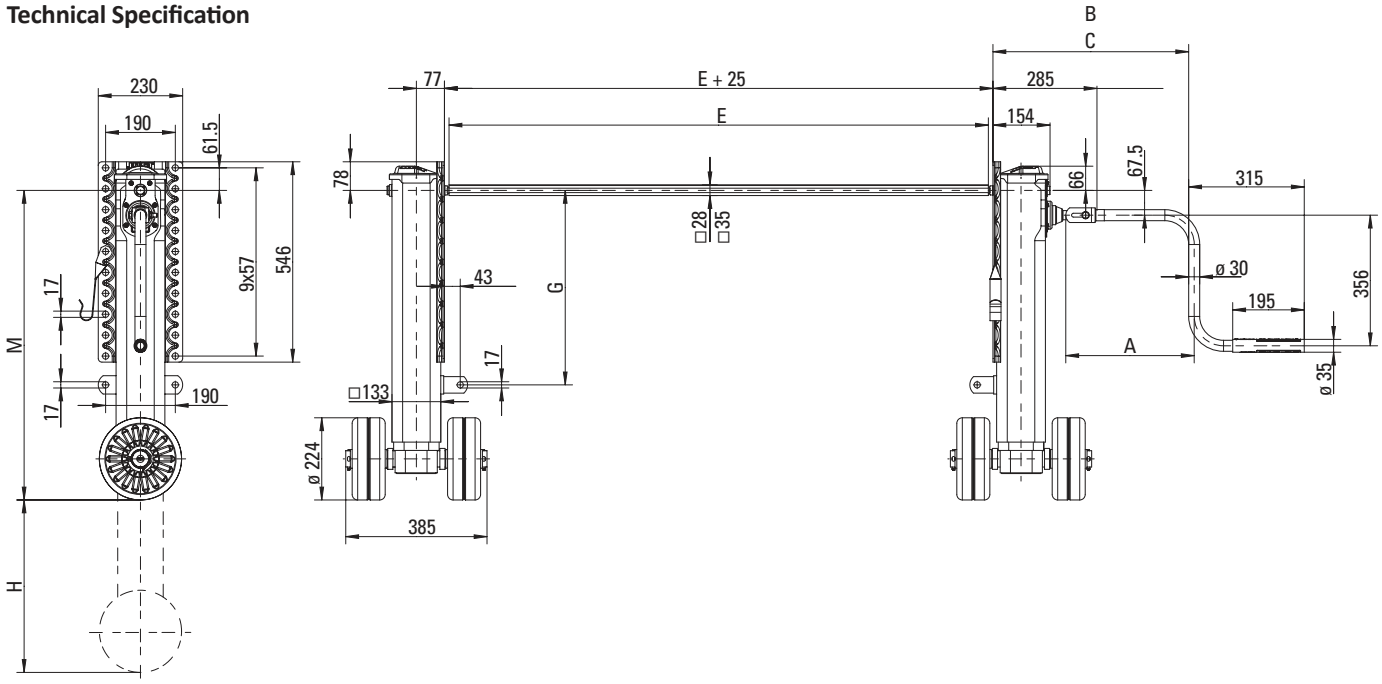
Advantages at a glance

- Roller
- Weight-optimised
- Especially robust

Technical Features

- Also available with two side operation and special crank

Technical Specification



Selection table / Versions available

Order No.	M (mm)	H (mm)	G (mm)	Back plate
CW161330000	945	560	630	double
CW162330000	895	520	580	double
CW163330000	845	470	530	double
CW164330000	795	430	*	double
CW165330000	745	400	*	double
CW166330000	695	350	*	double
CW161130000	945	560	630	upper
CW162130000	895	520	580	upper
CW163130000	845	470	530	upper

Order No.	M (mm)	H (mm)	G (mm)	Back plate
CW164130000	795	430	480	upper
CW165130000	745	400	430	upper
CW166130000	695	350	380	upper
CW161230000	945	560	630	lower
CW162230000	895	520	580	lower
CW163230000	845	470	530	lower
CW164230000	795	430	*	lower
CW165230000	745	400	*	lower
CW166230000	695	350	*	lower

Technical Data (per kit)

Characteristic	Value
Lifting capacity	24 t
Static test load	36 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifiting capacity	210 N

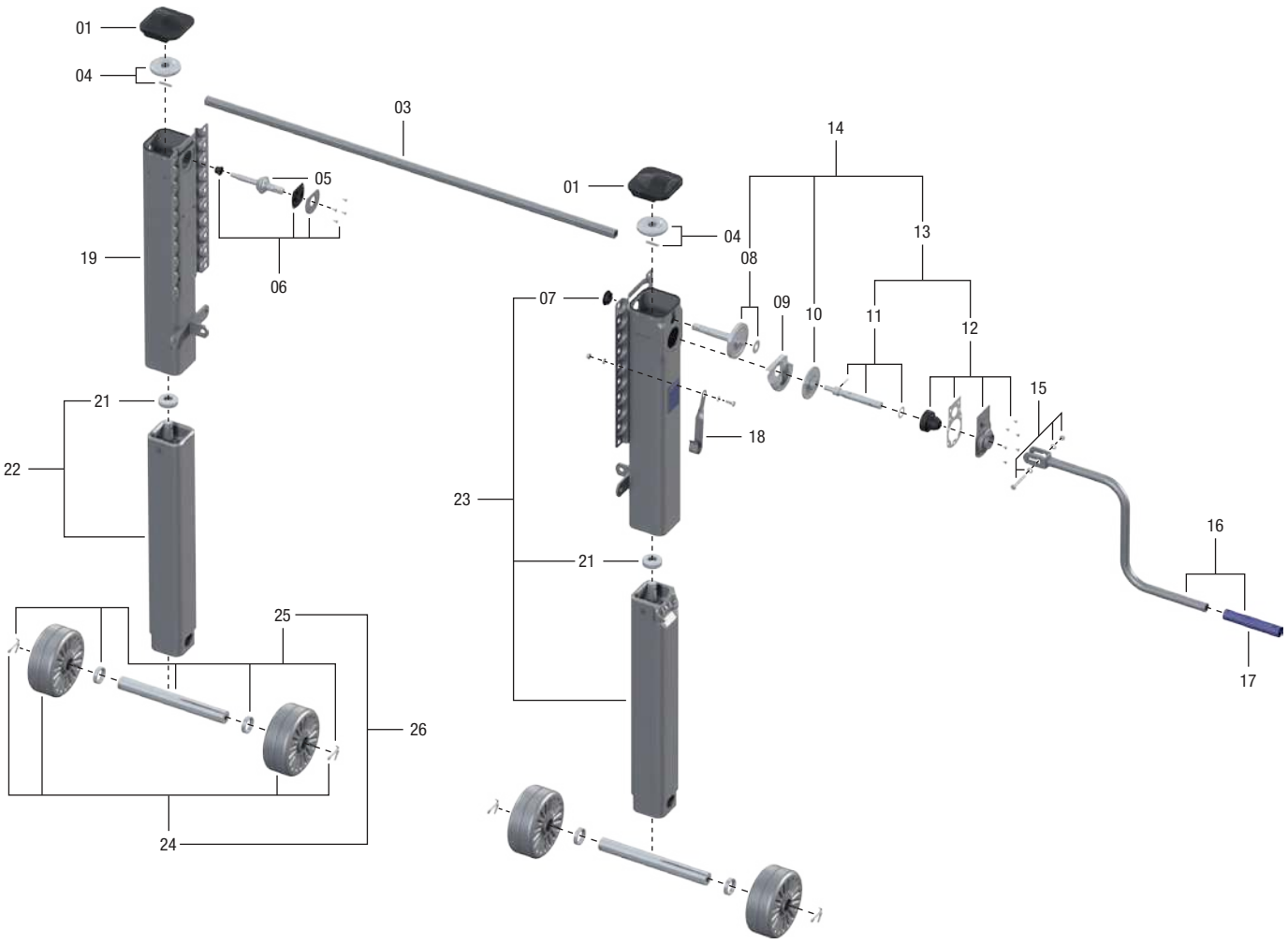
Remark:

** No bracing bracket is included in delivery. Loose bracing brackets can be ordered as accessorie*

Crank handles, connection shafts and bracing brackets need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found *on Page 132.*

Modul CW

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	See individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Shaft		JS E0001800	1
08	Shaft with bearing		JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crankshaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crankshaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts with washers and nuts		JS E0043100	1
16	See individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 520 mm (JS U05)	JS E0040202	1
19	Mh-01/945 shaft left	Plate A upper	JS E0100701	1
19	Mh-02/895 shaft left	Plate A upper	JS E0100702	1
19	Mh-03/845 shaft left	Plate A upper	JS E0100703	1
19	Mh-04/795 shaft left	Plate A upper	JS E0100704	1
19	Mh-05/745 shaft left	Plate A upper	JS E0100705	1
19	Mh-06/695 shaft left	Plate A upper	JS E0100706	1
19	Mh-01/945 shaft left + brace lug	Plate A lower	JS E0100721	1

Item	Description	Remark	Order No.	per kit
19	Mh-02/895 shaft left + brace lug	Plate A lower	JS E0100722	1
19	Mh-03/845 shaft left + brace lug	Plate A lower	JS E0100723	1
19	Mh-04/795 shaft left	Plate A lower	JS E0100724	1
19	Mh-05/745 shaft left	Plate A lower	JS E0100725	1
19	Mh-06/695 shaft left	Plate A lower	JS E0100726	1
19	Mh-01/945 shaft left + brace lug	Doubleplate	JS E0100731	1
19	Mh-02/895 shaft left + brace lug	Doubleplate	JS E0100732	1
19	Mh-03/845 shaft left + brace lug	Doubleplate	JS E0100733	1
19	Mh-04/795 shaft left	Doubleplate	JS E0100734	1
19	Mh-05/745 shaft left	Doubleplate	JS E0100735	1
19	Mh-06/695 shaft left	Doubleplate	JS E0100736	1
20	Mh-01/945 shaft right	Plate A upper	JS E0100601	1
20	Mh-02/895 shaft right	Plate A upper	JS E0100602	1
20	Mh-03/845 shaft right	Plate A upper	JS E0100603	1
20	Mh-04/795 shaft right	Plate A upper	JS E0100604	1
20	Mh-05/745 shaft right	Plate A upper	JS E0100605	1
20	Mh-06/695 shaft right	Plate A upper	JS E0100606	1
20	Mh-01/945 shaft right + brace lug	Plate A lower	JS E0100621	1
20	Mh-02/895 shaft right + brace lug	Plate A lower	JS E0100622	1
20	Mh-03/845 shaft right + brace lug	Plate A lower	JS E0100623	1
20	Mh-04/795 shaft right	Plate A lower	JS E0100624	1
20	Mh-05/745 shaft right	Plate A lower	JS E0100625	1
20	Mh-06/695 shaft right	Plate A lower	JS E0100626	1
20	Mh-01/945 shaft right + brace lug	Doubleplate	JS E0100631	1
20	Mh-02/895 shaft right + brace lug	Doubleplate	JS E0100632	1
20	Mh-03/845 shaft right + brace lug	Doubleplate	JS E0100633	1
20	Mh-04/795 shaft right	Doubleplate	JS E0100634	1
20	Mh-05/745 shaft right	Doubleplate	JS E0100635	1
20	Mh-06/695 shaft right	Doubleplate	JS E0100636	1
21	Axial bearing		JS E0066401	2
22	Mh-01/945 inner tube l. + spindle	with 21	JS E0100501	1
22	Mh-02/895 inner tube l. + spindle	with 21	JS E0100502	1
22	Mh-03/845 inner tube l. + spindle	with 21	JS E0100503	1
22	Mh-04/795 inner tube l. + spindle	with 21	JS E0100504	1
22	Mh-05/745 inner tube l. + spindle	with 21	JS E0100505	1
22	Mh-06/695 inner tube l. + spindle	with 21	JS E0100506	1
23	Mh-01/945 inner tube r. + spindle	with 21 + 07	JS E0100301	1
23	Mh-02/895 inner tube r. + spindle	with 21 + 07	JS E0100302	1
23	Mh-03/845 inner tube r. + spindle	with 21 + 07	JS E0100303	1
23	Mh-04/795 inner tube r. + spindle	with 21 + 07	JS E0100304	1
23	Mh-05/745 inner tube r. + spindle	with 21 + 07	JS E0100305	1
23	Mh-06/695 inner tube r. + spindle	with 21 + 07	JS E0100306	1
24	Wheels with split pins Standard		JS E0062200	2
24	Wheels with split pins reinforced		JS E0083800	2
25	Shaft compl. for R-Foot		JS E0083500	2
26	R-Foot compl. Standard	with 24 + 25	JS D03CW	2
26	R-Foot compl. reinforced	with 24 + 25	JS D05CH	2

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1

Landing gears · Modul CY

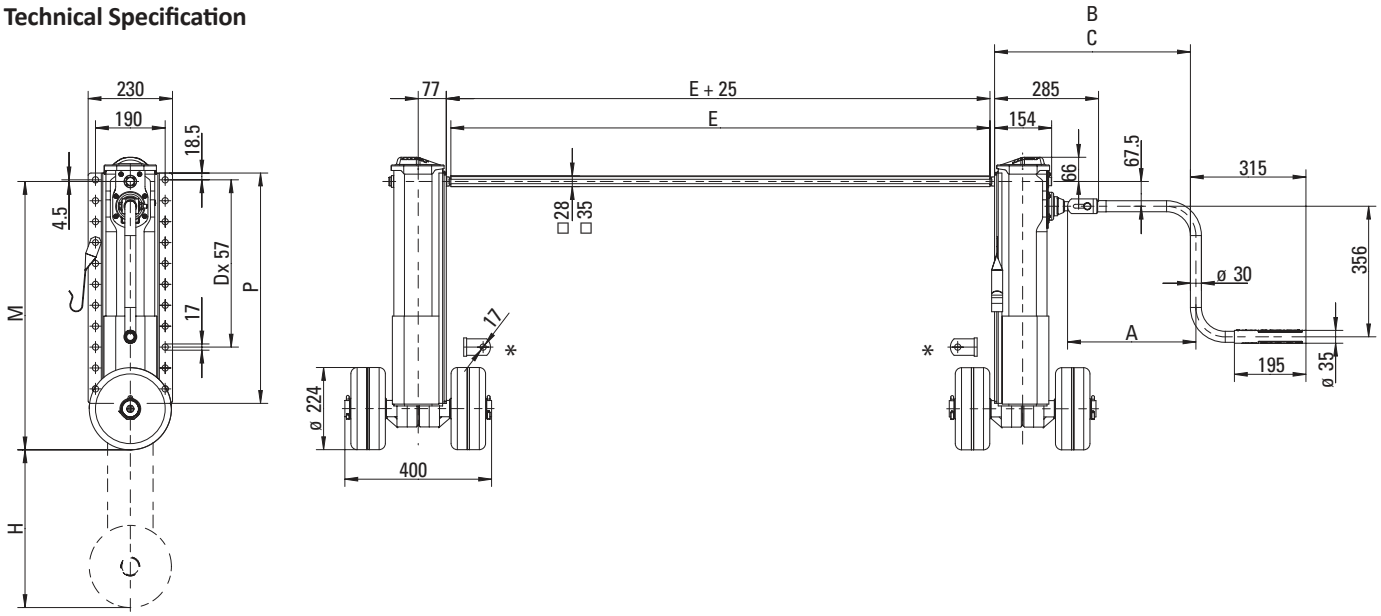
Advantages at a glance

- For ro-ro traffic
- Compact design
- Large lift combined with low mounting height
- Highest resistance to bending
- Shock resistant

Technical Features

- Full length back plate for high variability during installation
- Reinforcement for maximum bending strength
- Heavy duty bearing for better shock resistance
- Reinforced inner tube for maximum bending strength
- Reinforced roller foot
- Also available with two side operation and special crank

Technical Specification



Selection table / Versions available

Order No.	M (mm)	H (mm)	Back plate	Foot	D	P
CY129450000	730	430	full length	L	10	628
CY106450000	650	350	full length	L	9	548

Technical Data (per kit)

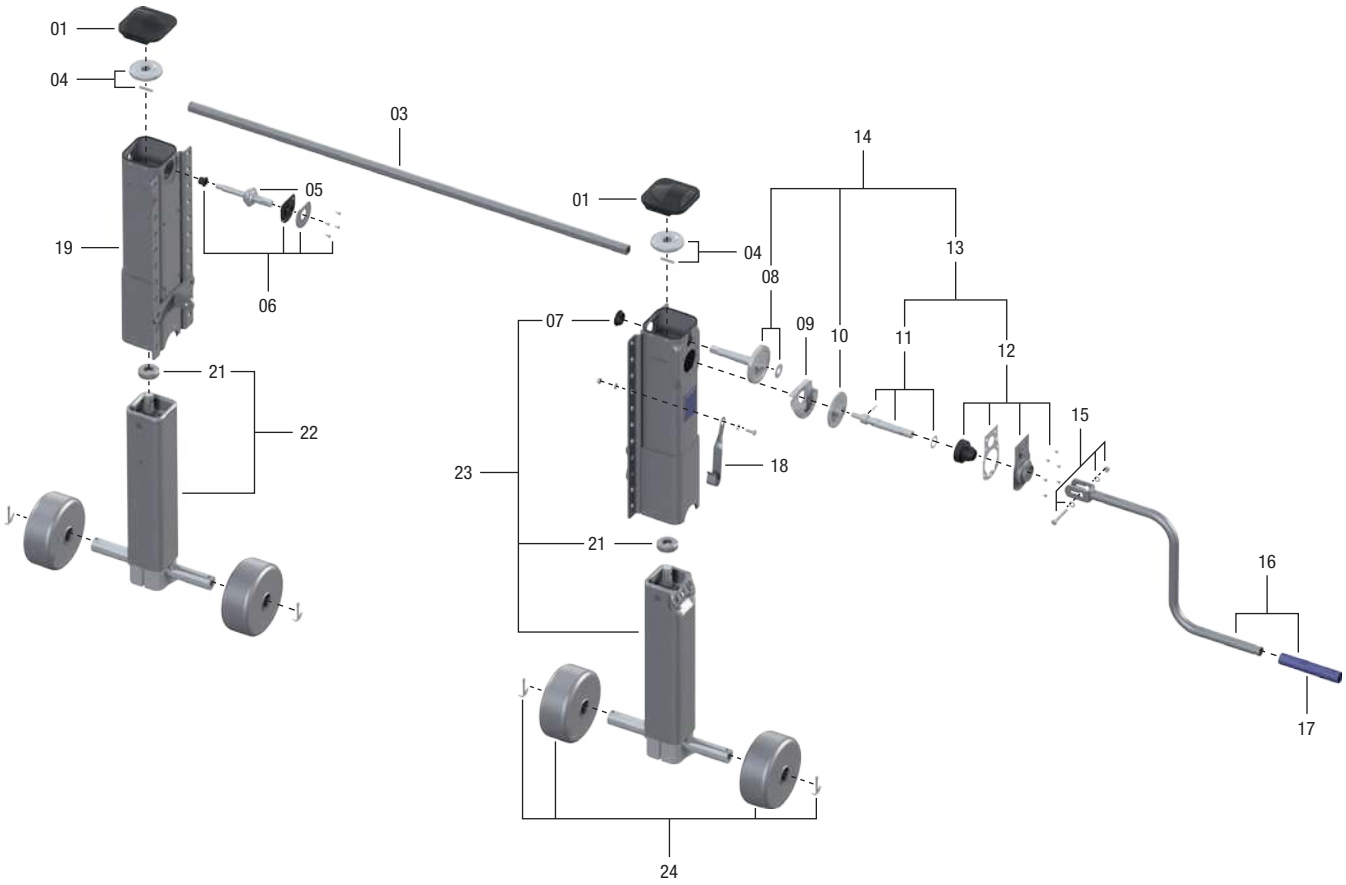
Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifiting capacity	210 N

Remark:
** Brace lugs will be supplied unassembled.*

Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Modul CY

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	see individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Shaft		JS E0001800	1
08	Shaft with bearing		JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crankshaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crankshaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts, washers, nuts		JS E0043100	1
16	see individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 520–620 mm (JS U05-JS U08)	JS E0040202	1
19	Mh-29/730 shaft left		JS E0062608	1
19	Mh-06/650 shaft left		JS E0062611	1
20	Mh-29/730 shaft right		JS E0062508	1
20	Mh-06/650 shaft right		JS E0062511	1
21	Axial bearing		JS E0066400	2
22	Mh-29/730 inner tube l. + spindle, bearings and roller foot mounting	with 21	JS E0065101	1
22	Mh-06/650 inner tube l. + spindle, bearings and roller foot mounting	with 21	JS E0065102	1
23	Mh-29/730 inner tube r. + spindle, bearings and roller foot mounting	with 21 + 07	JS E0065001	1
23	Mh-06/650 inner tube r. + spindle, bearings and roller foot mounting	with 21 + 07	JS E0065002	1
24	Wheels with split pins		JS E0083800	2
25	Angle		JS E010.001	2

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1

Electric landing gear · Modul E-Drive

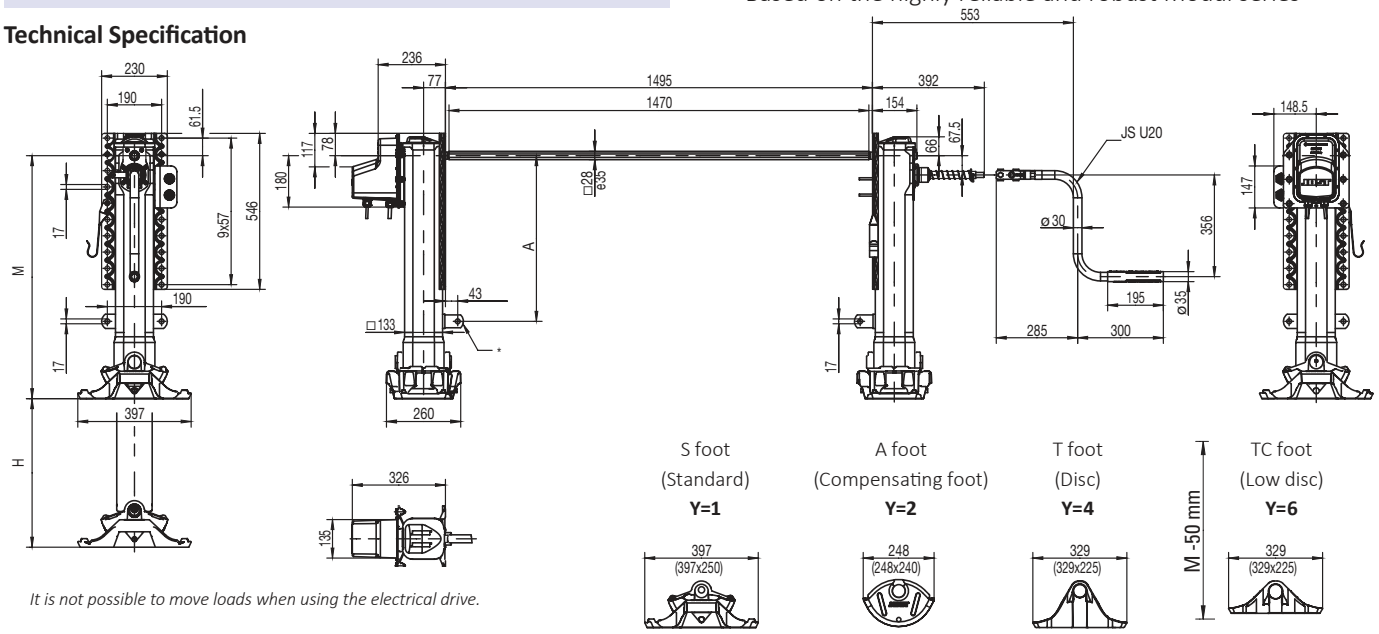
Advantages at a glance

- Electric raising and lowering of the landing gear
- Simple operation at the push of a button
- Perfectly suited to and highly useful in frequent coupling operations
- Particularly useful in narrow spaces and for frequent coupling and decoupling
- Time savings during decoupling

Technical Features

- Drive shuts down automatically in the event of ground contact
- Differences in height between the truck and the trailer can be compensated using the vehicle's pneumatic suspension or manual cranking in the low gear
- Manual operation still possible
- Suitable for operating temperatures between –20 °C and +85 °C
- Various mounting heights with an especially large lift
- Based on the highly reliable and robust Modul series

Technical Specification



It is not possible to move loads when using the electrical drive.

Selection table / Versions available

Order No.	M (mm)	H (mm)	A (mm)	Back plate
B0103-0**Y**0000ED	900	560	630	Double plate
B0203-0**Y**0000ED	850	520	580	Double plate
B0303-0**Y**0000ED	800	470	530	Double plate
B0403-0**Y**0000ED	750	430	480*	Double plate
B0503-0**Y**0000ED	700	400	430*	Double plate

When ordering, please replace with the number for the requested type of foot: 1 = S-foot; 2 = A-foot; 4 = T-foot; 6 = TC-foot, Example for S-foot: B0103-010000ED

Technical Data (per kit)

Characteristic	Value
Lifting capacity*	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear*	0,9 mm
– High gear*	15,0 mm
Crank force at 16 t lifiting capacity	210 N
Power supply	24 V
Protection	min. 15 A

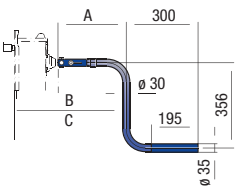
Optional: Switching to 20 A mode possible with appropriate protection**

*for manual operation; **temporary or permanent

Crank handles

Various crank handle lengths for individual adjustment to the vehicle width.

Order No.	A (mm)	B (Low gear, mm)	C (High gear, mm)
JS U20	285	534	553
JS U21	385	634	653
JS U22	405	654	673
JS U23	450	699	718
JS U24	505	754	773
JS U25	550	799	818

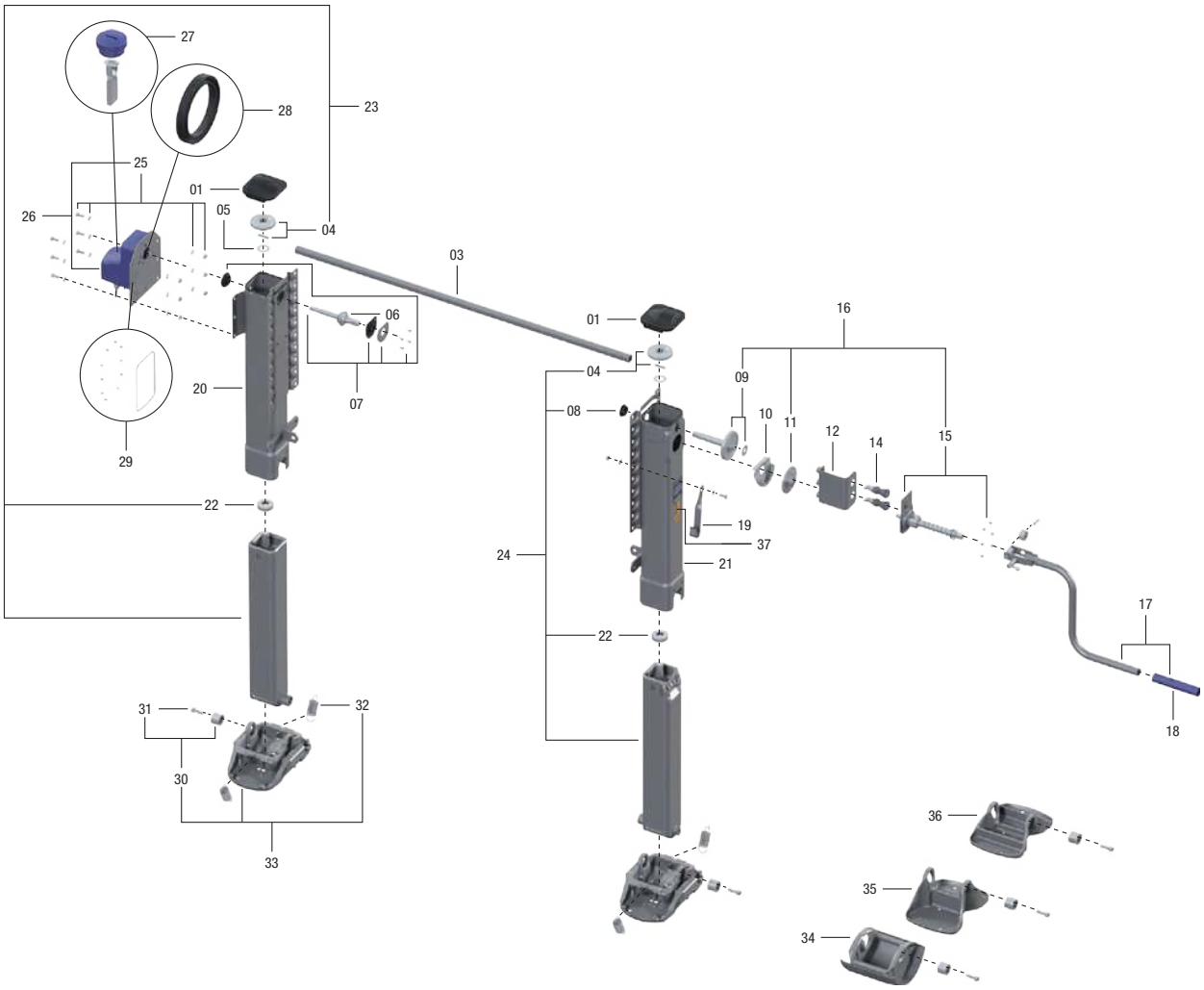


Remark:
Other models available on request.
** If the installation height 650–750 is combined with double plate and plate, no bracing brackets will be delivered. Please refer to accessories for bracing brackets.*

Crank handles, connection shafts and bracing brackets need to be ordered separately and are shipped unassembled.
Order numbers and dimensions of A, B, C and E can be found on Page 132.

Modul E-Drive

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	See individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Washer		JS E7010400	2
06	Shaft		JS E7010200	1
07	Bearing	compl.	JS E7014300	1
08	Bearing		JS E0001800	1
09	Shaft with bearing		JS E0058700	1
10	Grease tank		JS E0002000	1
11	Gear		JS E0055800	1
12	Console		JS E7011500	1
13	Console, universal		JS E7011700	1
14	Push switch		JS E7011300	2
15	Crank shaft with bearing		JS E7007000	1
16	Drive	compl. with 09, 11 + 15	JS E7014400	1
17	See individual components			1
18	Crank bushing		JS E0042700	1
19	Crank parking hook	for crank 285–385 mm	JS E0040201	1
19	Crank parking hook	for crank 405–550 mm	JS E0040202	1
20	Mh-01/900 Shaft left	Plate A, top	JS E7012401	1
20	Mh-02/850 Shaft left	Plate A, top	JS E7012402	1
20	Mh-03/800 Shaft left	Plate A, top	JS E7012403	1
20	Mh-04/750 Shaft left	Plate A, top	JS E7012404	1
20	Mh-05/700 Shaft left	Plate A, top	JS E7012405	1
20	Mh-06/650 Shaft left	Plate A, top	JS E7012406	1
20	Mh-01/900 Shaft left	Plate A, bottom	JS E7012501	1
20	Mh-02/850 Shaft left	Plate A, bottom	JS E7012502	1
20	Mh-03/800 Shaft left	Plate A, bottom	JS E7012503	1

Item	Description	Remark	Order No.	per kit
20	Mh-04/750 Shaft left	Plate A, bottom	JS E7012504	1
20	Mh-05/700 Shaft left	Plate A, bottom	JS E7012505	1
20	Mh-06/650 Shaft left	Plate A, bottom	JS E7012506	1
20	Mh-01/900 Shaft left	Double plate	JS E7012601	1
20	Mh-02/850 Shaft left	Double plate	JS E7012602	1
20	Mh-03/800 Shaft left	Double plate	JS E7012603	1
20	Mh-04/750 Shaft left	Double plate	JS E7012604	1
20	Mh-05/700 Shaft left	Double plate	JS E7012605	1
20	Mh-06/650 Shaft left	Double plate	JS E7012606	1
21	Mh-01/900 Shaft right	Plate A, top	JS E7012101	1
21	Mh-02/850 Shaft right	Plate A, top	JS E7012102	1
21	Mh-03/800 Shaft right	Plate A, top	JS E7012103	1
21	Mh-04/750 Shaft right	Plate A, top	JS E7012104	1
21	Mh-05/700 Shaft right	Plate A, top	JS E7012105	1
21	Mh-06/650 Shaft right	Plate A, top	JS E7012106	1
21	Mh-01/900 Shaft right	Plate A, bottom	JS E7012201	1
21	Mh-02/850 Shaft right	Plate A, bottom	JS E7012202	1
21	Mh-03/800 Shaft right	Plate A, bottom	JS E7012203	1
21	Mh-04/750 Shaft right	Plate A, bottom	JS E7012204	1
21	Mh-05/700 Shaft right	Plate A, bottom	JS E7012205	1
21	Mh-06/650 Shaft right	Plate A, bottom	JS E7012206	1
21	Mh-01/900 Shaft right	Double plate	JS E7012301	1
21	Mh-02/850 Shaft right	Double plate	JS E7012302	1
21	Mh-03/800 Shaft right	Double plate	JS E7012303	1
21	Mh-04/750 Shaft right	Double plate	JS E7012304	1
21	Mh-05/700 Shaft right	Double plate	JS E7012305	1
21	Mh-06/650 Shaft right	Double plate	JS E7012306	1
22	Axial bearing		JS E0066401	2
23	Mh-01/900 inner tube l. + spindle	with 22 + 04	JS E0056401	1
23	Mh-02/850 inner tube l. + spindle	with 22 + 04	JS E0056402	1
23	Mh-03/800 inner tube l. + spindle	with 22 + 04	JS E0056403	1
23	Mh-04/750 inner tube l. + spindle	with 22 + 04	JS E0056404	1
23	Mh-05/700 inner tube l. + spindle	with 22 + 04	JS E0056405	1
23	Mh-06/650 inner tube l. + spindle	with 22 + 04	JS E0056406	1
24	Mh-01/900 inner tube r. + spindle	with 22, 08 + 04	JS E0056201	1
24	Mh-02/850 inner tube r. + spindle	with 22, 08 + 04	JS E0056202	1
24	Mh-03/800 inner tube r. + spindle	with 22, 08 + 04	JS E0056203	1
24	Mh-04/750 inner tube r. + spindle	with 22, 08 + 04	JS E0056204	1
24	Mh-05/700 inner tube r. + spindle	with 22, 08 + 04	JS E0056205	1
24	Mh-06/650 inner tube r. + spindle	with 22, 08 + 04	JS E0056206	1
25	Nut and bolt E-Engine		JS E7014500	6
26	E-Engine	with 25	JS E7011000	1
27	Kit Carbon brush with lock cap		JS E7014200	1
28	Seal		JS E7014100	1
29	Bolt and seal		JS E7014800	1
30	Nut and bolt		JS E1043300	2
31	Bolt		JS E0055300	2
32	Spring		JS E0012900	4
33	S-Foot	compl. with 30 + 32	JS D01	2
34	A-Foot	compl. with 30	JS D02	2
35	T-Foot	compl. with 30	JS D04	2
36	TC-Foot*	compl. with 30	JS D06	2
37	Warning label		JS E7015500	2

* With the 06/TC foot version. item 36, the installation heigth is reduced by 50 mm.

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
17	Crank 285 mm	with 18 + 19	JS U20	1
17	Crank 385 mm	with 18 + 19	JS U21	1
17	Crank 405 mm	with 18 + 19	JS U22	1
17	Crank 450 mm	with 18 + 19	JS U23	1
17	Crank 505 mm	with 18 + 19	JS U24	1
17	Crank 550 mm	with 18 + 19	JS U25	1

Landing gears · OPTIMA

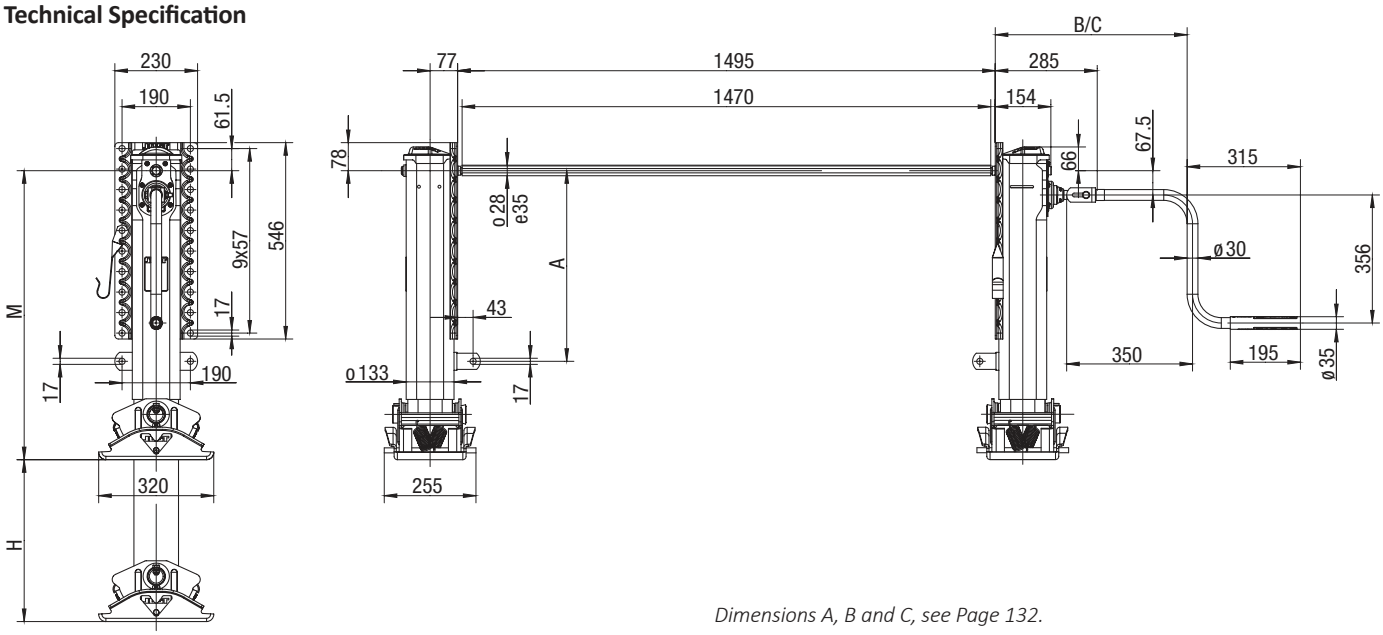
Advantages at a glance

- Weight-optimised
- Economical
- Ideally suited for long-distance transport

Technical Features

- Three plate positions (upper, lower, double)
- S foot and T foot
- Four different mounting heights

Technical Specification



Dimensions A, B and C, see Page 132.

Selection table / Versions available

Order No.	M (mm)	H (mm)	A (mm)	Foot	Back plate
OPT850S-3	850	500	580	S	double
OPT800S-3	800	450	530	S	double
OPT750S-3*	750	400	–	S	double
OPT700S-3*	700	350	–	S	double
OPT840T-3	840	500	580	T	double
OPT790T-3	790	450	530	T	double
OPT740T-3*	740	400	–	T	double
OPT690T-3*	690	350	–	T	double

Remark:
* No bracing brackets are included in the delivery of mounting heights M = 740/750 and 690/700. These can be ordered separately.

Technical Data (per kit)

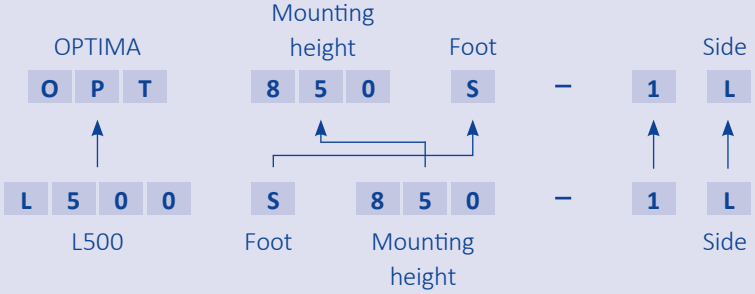
Characteristic	Value
Lifting capacity	24 t
Static load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t super imposed load	210 N

Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Bracing brackets can be found on Page 132.

Cross-reference list

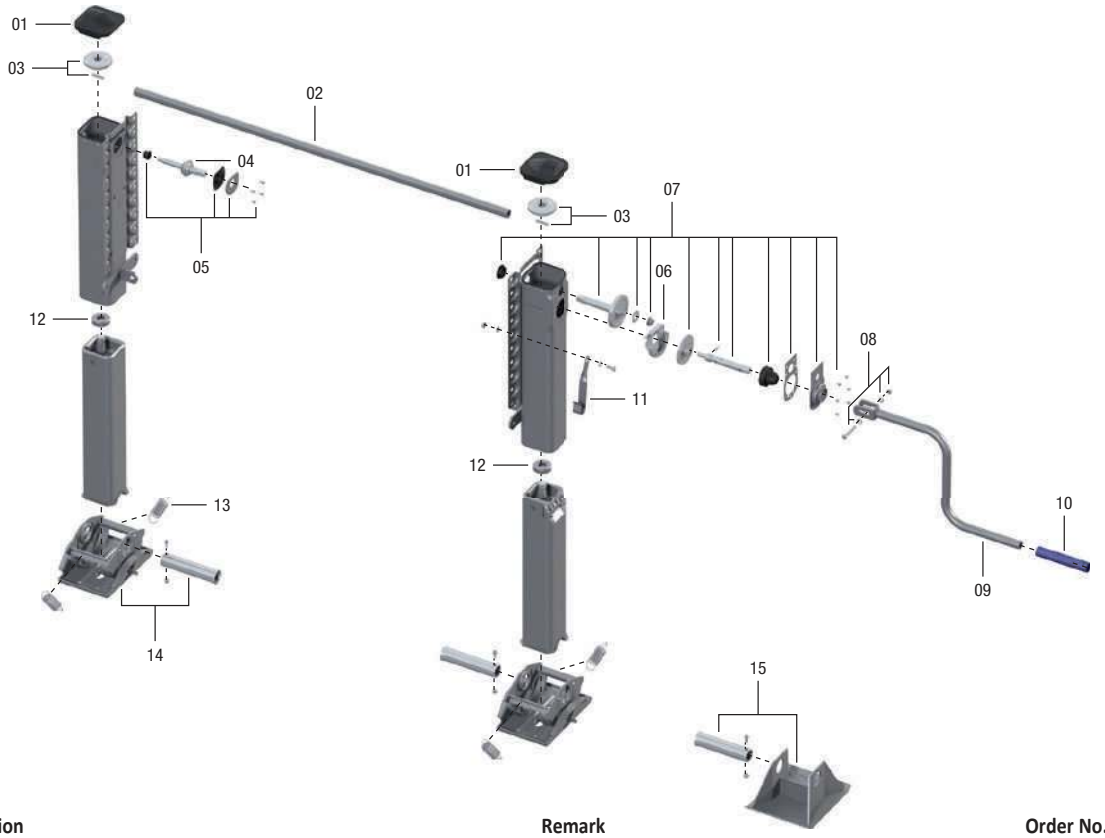
When converting the order number of L500 to the OPTIMA order number, only the position of the mounting height and the foot changes. All order numbers can be adapted in this way.

Examples:
L500S850-1 replaced by **OPT850S-1**
L500S850-1L replaced by **OPT850S-1L**
L500S850-1R replaced by **OPT850S-1R**



OPTIMA

Spare parts



Item	Description	Remark	Order No.	per piece
01	Cover with bolts		JS E0046100	2
02	See individual components			1
03	Bevel gear with bolts		JS E0058600	2
04	Shaft		JS E0001500	1
05	Bearing	compl.	JS E0046200	1
06	Grease tank	compl.	JS E0002000	1
07	Drive		JS E0083700	1
08	Bolts with washers and nuts		JS E0043100	1
09	See individual components			1
10	Crank bushing		JS E0042700	1
11	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
11	Crank parking hook	for crank 415–480 mm (JS U02–JS U04)	JS E0040201	1
11	Crank parking hook	for crank 520 mm (JS U05)	JS E0040202	1
12	Axial bearing		JS E0066401	2
13	Tension spring for S foot		JS E0012900	4
14	S foot	compl., with 13	JS E0123400	2
15	T foot*		JS E0125500	2

* with T foot, the mounting height is reduced by 10 mm

Individual components

Item	Description	Remark	Order No.	per kit
02	Connection shaft 1340 mm		JS L01	1
02	Connection shaft 1450 mm		JS L02	1
02	Connection shaft 1470 mm		JS L03	1
02	Connection shaft 1500 mm		JS L04	1
02	Connection shaft 1505 mm		JS L05	1
02	Connection shaft 1575 mm		JS L06	1
02	Connection shaft 0905 mm		JS L07	1
02	Connection shaft 0935 mm		JS L08	1
02	Connection shaft 1700 mm		JS L09	1
02	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
09	Crank 350 mm w. parking hook	with 08, 10 + 11	JS U01	1
09	Crank 415 mm w. parking hook	with 08, 10 + 11	JS U02	1
09	Crank 450 mm w. parking hook	with 08, 10 + 11	JS U03	1
09	Crank 480 mm w. parking hook	with 08, 10 + 11	JS U04	1
09	Crank 520 mm w. parking hook	with 08, 10 + 11	JS U05	1

Landing gears · Modul CA

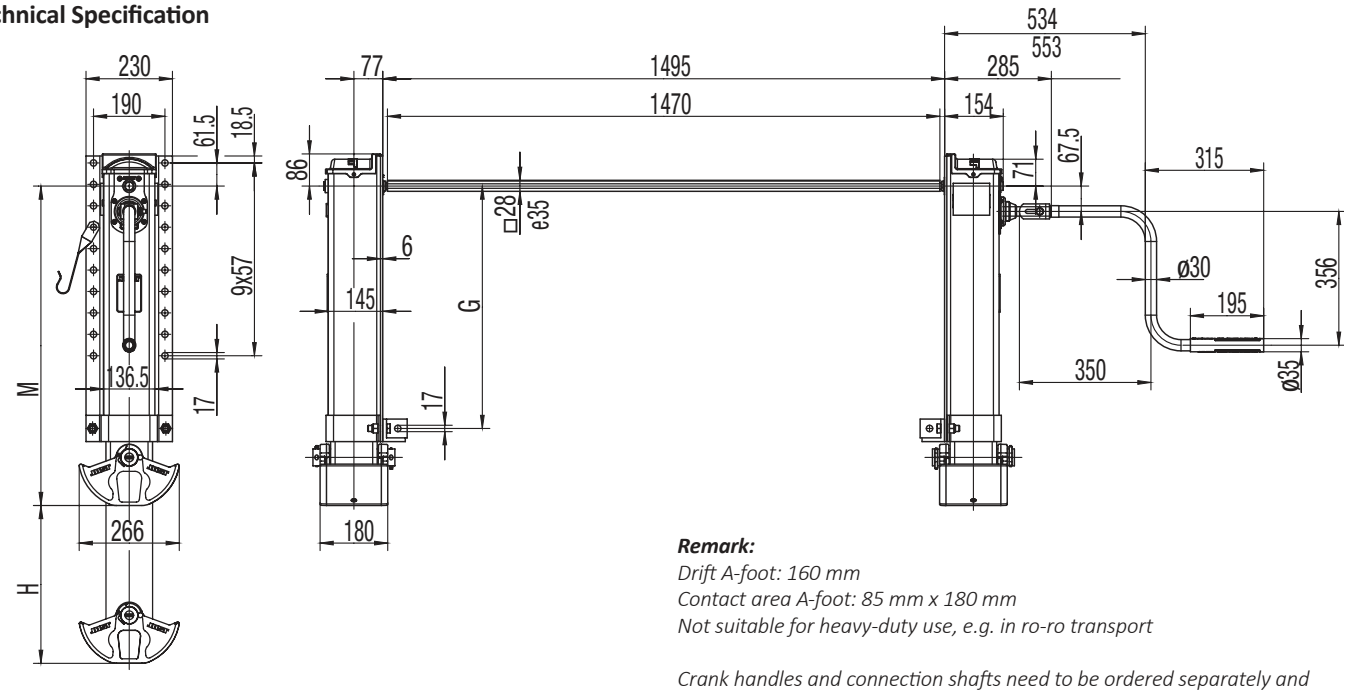
Advantages at a glance

- Weight-optimised
- Especially suited for tank and silo vehicles
- Low maintenance – no need to lubricate the spindle
- Innovative A foot with a large contact area and a particularly long drift
- Continuous back plate for high variability during installation

Technical Features

- High-quality, especially light aluminium design
- Integrated lubricant cartridge
- Also available with two side operation and special crank
- Aluminium landing gears are delivered in untreated form (natural aluminium)

Technical Specification



Remark:
Drift A-foot: 160 mm
Contact area A-foot: 85 mm x 180 mm
Not suitable for heavy-duty use, e.g. in ro-ro transport

Crank handles and connection shafts need to be ordered separately and are shipped unassembled.
Order numbers can be found on Page 132.

Selection table / Versions available

Order No.	Foot	*Weight (kg)*	Back plate	M (mm)	H (mm)	G (mm)
CA101420000	A	65,0	full length	900	470	695
CA102420000	A	62,5	full length	850	420	645
CA103420000	A	60,0	full length	800	370	595
CA104420000	A	57,5	full length	750	320	545

Technical Data (per kit)

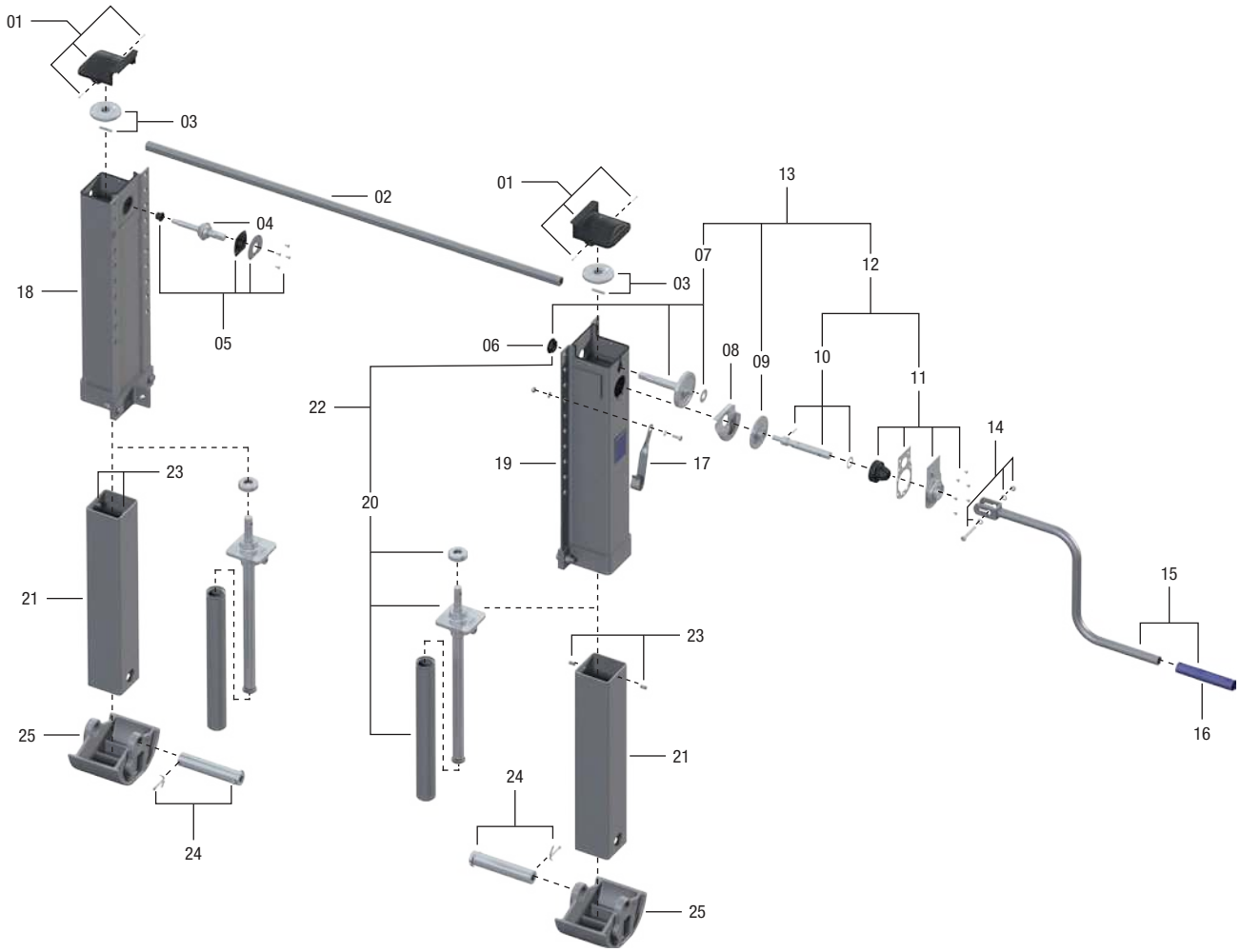
Characteristic	Value
Lifting capacity	24 t
Static test load	50 t
Lift per turn of handle	
– Low gear	0,9 mm
– High gear	15,0 mm
Crank force at 16 t lifiting capacity	210 N

Accessories

Mounting kit	JS E020.001
Intermediate layer for corrosion protection (for the joints between the support and the vehicle frame)	JS2118-0003

Modul CA

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0111000	2
02	See individual components			1
03	Bevel gear with bolts		JS E0058600	2
04	Shaft		JS E0001500	1
05	Bearing	compl.	JS E0114000	1
06	Bearing		JS E0001800	1
07	Shaft with bearing		JS E0058700	1
08	Grease tank		JS E0002000	1
09	Gear		JS E0055800	1
10	Crank shaft	compl.	JS E0046500	1
11	Bearing holder	compl.	JS E0111500	1
12	Crankshaft and bearing holder	compl., with 10 + 11	JS E0111900	1
13	Drive	compl., with 07, 09 + 12	JS E0117000	1
14	Bolts, washers, nuts		JS E0043100	1
15	See individual components			1
16	Crank bushing		JS E0042700	1
17	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
17	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
17	Crank parking hook	for crank 520 mm (JS U05)	JS E0040202	1
18	Mh-01/900 Shaft left		JS E0113501	1
18	Mh-02/850 Shaft left		JS E0113502	1
18	Mh-03/800 Shaft left		JS E0113503	1
18	Mh-04/750 Shaft left		JS E0113504	1

Item	Description	Remark	Order No.	per kit
19	Mh-01/900 Shaft right		JS E0112601	1
19	Mh-02/850 Shaft right		JS E0112602	1
19	Mh-03/800 Shaft right		JS E0112603	1
19	Mh-04/750 Shaft right		JS E0112604	1
20	Axial bearing		JS E0066401	2
21	Mh-01/900 Inner tube		JS E0113101	2
21	Mh-02/850 Inner tube		JS E0113102	2
21	Mh-03/800 Inner tube		JS E0113103	2
21	Mh-04/750 Inner tube		JS E0113104	2
22	Mh-01/900 spindle	with 20 + 06	JS E0112801	2
22	Mh-02/850 spindle	with 20 + 06	JS E0112802	2
22	Mh-03/800 spindle	with 20 + 06	JS E0112803	2
22	Mh-04/750 spindle	with 20 + 06	JS E0112804	2
23	Cylindrical pin		JS1120-0007	4
24	Shaft with split pins		JS E0111800	2
25	A-Foot	compl. with 24	JS D02CA	2

Individual components

Item	Description	Remark	Order No.	per kit
02	Connection shaft 1340 mm		JS L01	1
02	Connection shaft 1450 mm		JS L02	1
02	Connection shaft 1470 mm		JS L03	1
02	Connection shaft 1500 mm		JS L04	1
02	Connection shaft 1505 mm		JS L05	1
02	Connection shaft 1575 mm		JS L06	1
02	Connection shaft 1605 mm		JS L07	1
02	Connection shaft 1635 mm		JS L08	1
02	Connection shaft 1700 mm		JS L09	1
02	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
15	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
15	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
15	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
15	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
15	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1

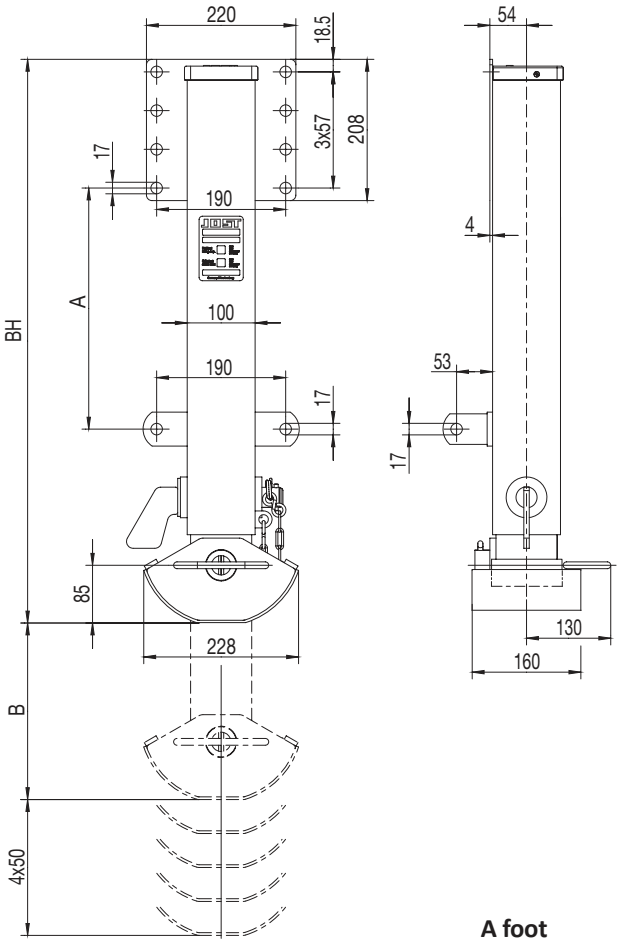
Drop leg · FS 075

Advantages at a glance

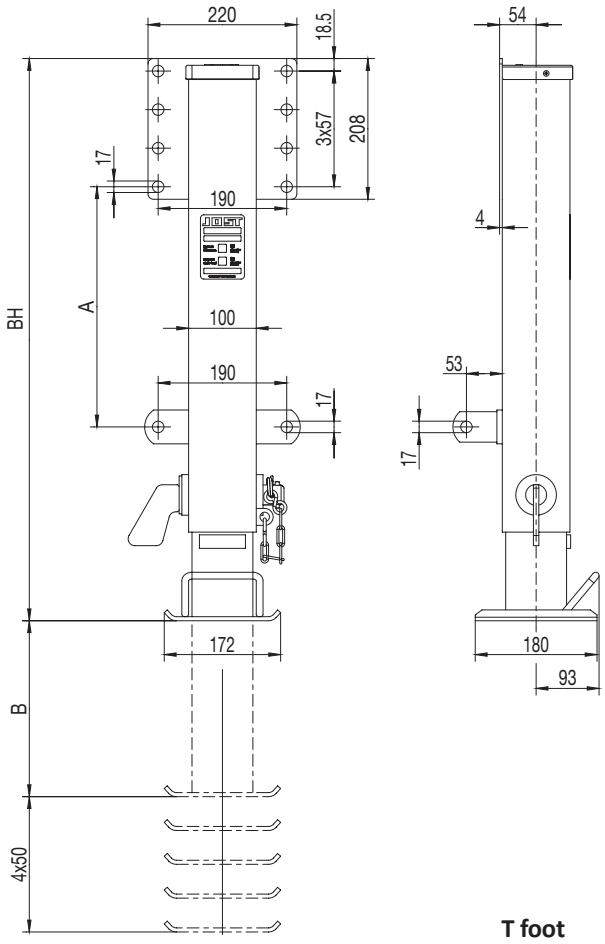
- For all applications that put a strong emphasis on a low weight, and where uncoupling is rarely needed
- Robust steel design
- Maintenance-free
- Easy to operate

Technical Features

- Finely graduated drop extension adjustable in multiple ways
- Choice of operation from the left or right side
- Five different mounting heights
- Optionally with sand shoe or compensating foot



A foot



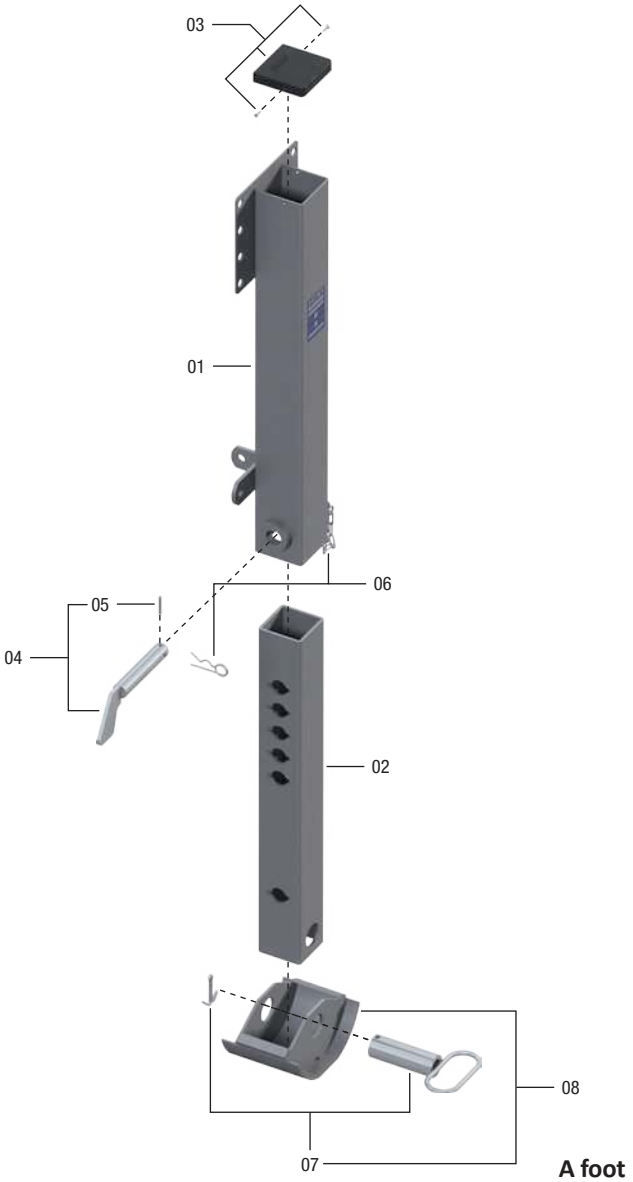
T foot

Order No. Operation left	Order No. Operation right	Foot	Weight (kg)	Supported weight per side (t)	Static test load per side (t)	Mounting height M (mm)	Dimension A (mm)	Dimension B (mm)
FS 07501121000	FS 07501122000	A	26.7	12	20	930	455	260
FS 07502121000	FS 07502122000	A	26.1	12	20	880	405	260
FS 07503121000	FS 07503122000	A	25.5	12	20	830	355	260
FS 07504121000	FS 07504122000	A	23.9	12	20	780	305	210
FS 07505121000	FS 07505122000	A	23.3	12	20	730	255	210
FS 07501171000	FS 07501172000	T	25.8	12	20	930	455	260
FS 07502171000	FS 07502172000	T	25.2	12	20	880	405	260
FS 07503171000	FS 07503172000	T	24.6	12	20	830	355	260
FS 07504171000	FS 07504172000	T	22.9	12	20	780	305	210
FS 07505171000	FS 07505172000	T	22.3	12	20	730	255	210

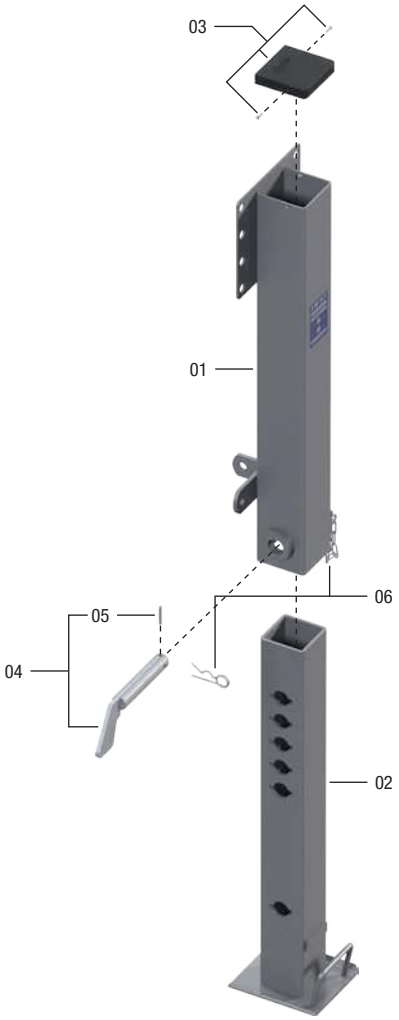
- Only suitable for towing vehicles with pneumatic suspension
- Not suitable for ferry operations
- Two drop legs required per trailer

FS 075

Spare parts



A foot



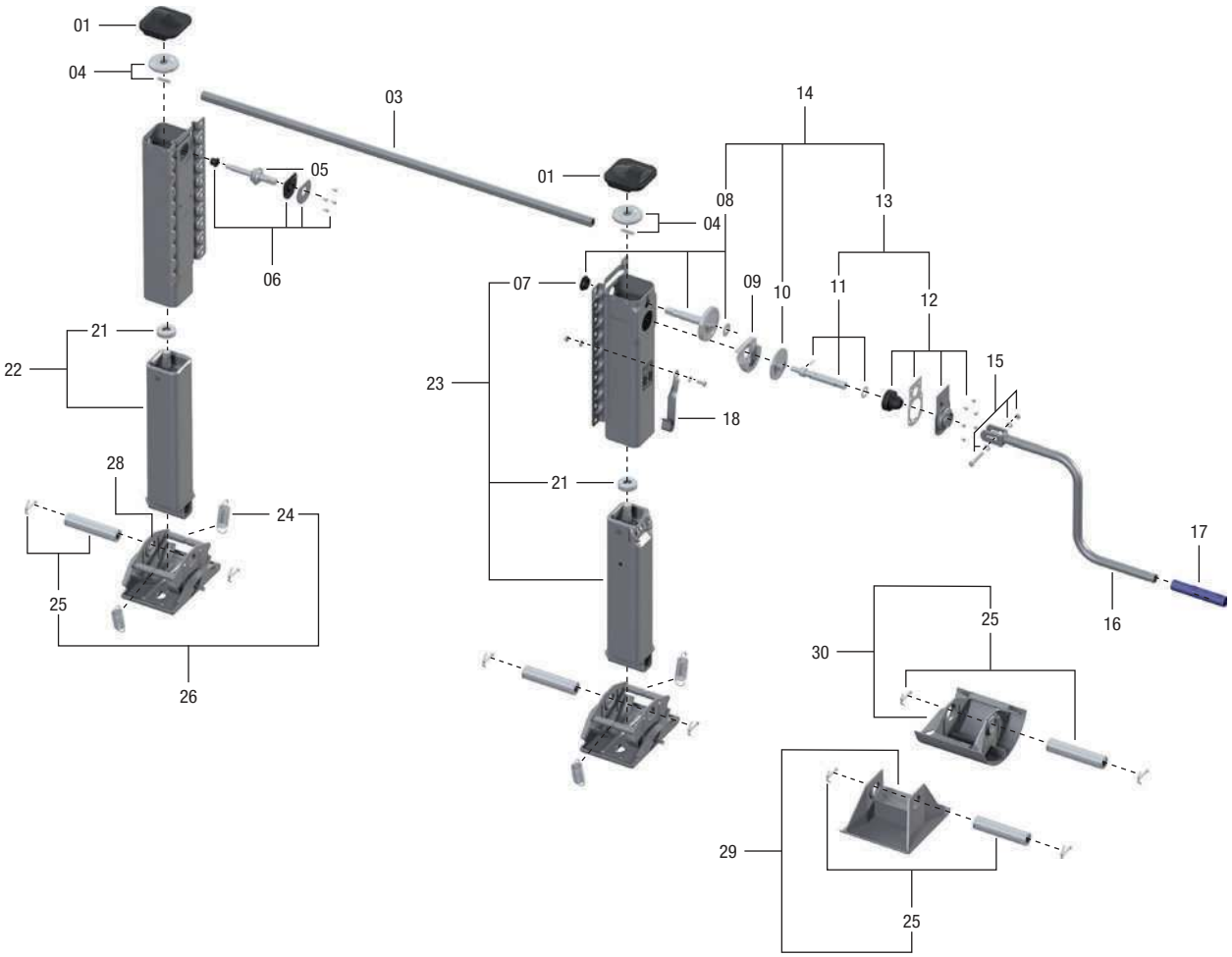
T foot

Item	Description	Remark	Order No.	per kit
01	Bh 930 shaft		JS E0108621	1
01	Bh 880 shaft		JS E0108622	1
01	Bh 830 shaft		JS E0108623	1
01	Bh 780 shaft		JS E0108624	1
01	Bh 730 shaft		JS E0108625	1
02	Bh 930 support leg		JS E0108321	1
02	Bh 880 support leg		JS E0108321	1
02	Bh 830 support leg		JS E0108321	1
02	Bh 780 support leg		JS E0108322	1
02	Bh 730 support leg		JS E0108322	1
03	Cover with bolts		JS E0108700	1
04	Pin	with 05	JS E0107900	1
05	Notched pin		NT0056300	1
06	Spring cotter with chain		JS E0109500	1
07	Axle with split-pin		JS E0109600	1
08	A foot	with 07	JS E0109000	1

Item	Description	Remark	Order No.	per kit
01	Bh 930 shaft		JS E0108621	1
01	Bh 880 shaft		JS E0108622	1
01	Bh 830 shaft		JS E0108623	1
01	Bh 780 shaft		JS E0108624	1
01	Bh 730 shaft		JS E0108625	1
02	Bh 930 support leg		JS E0108221	1
02	Bh 880 support leg		JS E0108221	1
02	Bh 830 support leg		JS E0108221	1
02	Bh 780 support leg		JS E0108222	1
02	Bh 730 support leg		JS E0108222	1
03	Cover with bolts		JS E0108700	1
04	Pin	with 05	JS E0107900	1
05	Notched pin		NT0056300	1
06	Spring cotter with chain		JS E0109500	1

L500

Spare parts



Item	Description	Remark	Order No.	per kit
01	Cover with bolts		JS E0046100	2
03	See individual components			1
04	Bevel gear with bolts		JS E0058600	2
05	Shaft		JS E0001500	1
06	Bearing	compl.	JS E0046200	1
07	Shaft		JS E0001800	1
08	Shaft with bearing		JS E0058700	1
09	Grease tank		JS E0002000	1
10	Gear		JS E0055800	1
11	Crankshaft	compl.	JS E0046500	1
12	Bearing holder	compl.	JS E0058800	1
13	Crankshaft and bearing holder	compl., with 11 + 12	JS E0056600	1
14	Drive	compl., with 08, 10 + 13	JS E0083700	1
15	Bolts with washers and nuts		JS E0043100	1
16	See individual components			1
17	Crank bushing		JS E0042700	1
18	Crank parking hook	for crank 350 mm (JS U01)	JS E0040200	1
18	Crank parking hook	for crank 415–480 mm (JS U02-JS U04)	JS E0040201	1
18	Crank parking hook	for crank 520 mm (JS U05)	JS E0040202	1
19	*Mh-02/850 shaft left	Plate A upper	JS E0080302	1
19	*Mh-03/800 shaft left	Plate A upper	JS E0080301	1
19	*Mh-04/750 shaft left	Plate A upper	JS E0080304	1
19	*Mh-05/700 shaft left	Plate A upper	JS E0080305	1
19	*Mh-02/850 shaft left + brace lug	Plate A lower	JS E0080502	1
19	*Mh-03/800 shaft left + brace lug	Plate A lower	JS E0080506	1

Item	Description	Remark	Order No.	per kit
19	*Mh-03/800 shaft left	Plate A lower	JS E0080501	1
19	*Mh-04/750 shaft left	Plate A lower	JS E0080504	1
19	*Mh-05/700 shaft left	Plate A lower	JS E0080505	1
19	*Mh-02/850 shaft left	Doubleplate	JS E0087702	1
19	*Mh-03/800 shaft left	Doubleplate	JS E0087701	1
19	*Mh-04/750 shaft left	Doubleplate	JS E0087704	1
19	*Mh-05/700 shaft left	Doubleplate	JS E0087705	1
20	*Mh-02/850 shaft right	Plate A upper	JS E0079802	1
20	*Mh-03/800 shaft right	Plate A upper	JS E0079801	1
20	*Mh-04/750 shaft right	Plate A upper	JS E0079804	1
20	*Mh-05/700 shaft right	Plate A upper	JS E0079805	1
20	*Mh-02/850 shaft right + brace lug	Plate A lower	JS E0080002	1
20	*Mh-03/800 shaft right + brace lug	Plate A lower	JS E0080006	1
20	*Mh-03/800 shaft right	Plate A lower	JS E0080001	1
20	*Mh-04/750 shaft right	Plate A lower	JS E0080004	1
20	*Mh-05/700 shaft right	Plate A lower	JS E0080005	1
20	*Mh-02/850 shaft right	Doubleplate	JS E0087802	1
20	*Mh-03/800 shaft right	Doubleplate	JS E0087801	1
20	*Mh-04/750 shaft right	Doubleplate	JS E0087804	1
20	*Mh-05/700 shaft right	Doubleplate	JS E0087805	1
21	Axial bearing		JS E0066401	2
22	*Mh-02/850 inner tube left + spindle	with 21	JS E0080202	1
22	*Mh-03/800 inner tube left + spindle	with 21	JS E0080201	1
22	*Mh-04/750 inner tube left + spindle	with 21	JS E0080204	1
22	*Mh-05/700 inner tube left + spindle	with 21	JS E0080205	1
23	*Mh-02/850 inner tube right + spindle	with 21 + 07	JS E0079702	1
23	*Mh-03/800 inner tube right + spindle	with 21 + 07	JS E0079701	1
23	*Mh-04/750 inner tube right + spindle	with 21 + 07	JS E0079704	1
23	*Mh-05/700 inner tube right + spindle	with 21 + 07	JS E0079705	1
24	Spring		JS E0012900	4
25	Shaft	compl.	JS E0091700	2
26	S foot	compl., with 24 + 25	JS E0084750	2
28	Spacer	only with S foot with loose sleeves	JS E0087622	4
29	T foot	compl., with 25	JS E0095500	2
30	A foot	compl., with 25	JS E0098900	2

* with T foot, the mounting height is reduced by 10 mm

Individual components

Item	Description	Remark	Order No.	per kit
03	Connection shaft 1340 mm		JS L01	1
03	Connection shaft 1450 mm		JS L02	1
03	Connection shaft 1470 mm		JS L03	1
03	Connection shaft 1500 mm		JS L04	1
03	Connection shaft 1505 mm		JS L05	1
03	Connection shaft 1575 mm		JS L06	1
03	Connection shaft 1605 mm		JS L07	1
03	Connection shaft 1635 mm		JS L08	1
03	Connection shaft 1700 mm		JS L09	1
03	Connection shaft 1790 mm		JS L10	1

Item	Description	Remark	Order No.	per kit
16	Crank 350 mm w. parking hook	with 15, 17 + 18	JS U01	1
16	Crank 415 mm w. parking hook	with 15, 17 + 18	JS U02	1
16	Crank 450 mm w. parking hook	with 15, 17 + 18	JS U03	1
16	Crank 480 mm w. parking hook	with 15, 17 + 18	JS U04	1
16	Crank 520 mm w. parking hook	with 15, 17 + 18	JS U05	1
16	Crank 570 mm w. parking hook	with 15, 17 + 18	JS U07	1
16	Crank 620 mm w. parking hook	with 15, 17 + 18	JS U08	1

Hubodometers and axle caps

Hubodometers are milometers working independently of the tractor unit to determine the mileage of all types of wheeled vehicles, such as trailers, semi-trailers, low-loaders, rolling stock, etc.

Compliance with "TÜV" Safety Regulations and "StVZO" Motor Vehicle Safety Standards is required in Germany.

Hubodometer – Design and features

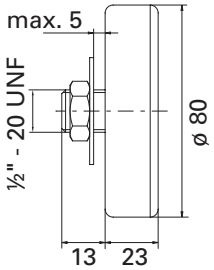
Special features of the hubodometer

- Hermetically sealed meter
  - Maintenance-free
  - No build-up of condensation
  - Tamper-proof
  - All parts made of stainless steel
- Records distances
  - Even in reverse gear
  - Choice of recording kilometers or miles
  - Six-digit display

Characteristics of the hubodometer

- Weighs just 0.28 kg
- Mounting
  - Directly onto the axle cap
  - Shockproof in a special axle cap
  - Extra slim mounting depth
- Application
  - Available for almost every tyre size





Order number for hubodometers

Please state the following when ordering a hubodometer:

- Rolling circumference according to table below
- Meter for kilometres or miles
- Design: normal, short or Mercedes-Benz axle cap with integrated hubodometer

The order number for hubodometers consists of the rolling circumference (see table) with the prefix J for the standard version, JK for the short version, JM1 + JD1 for Mercedes-Benz axle caps and JAE for JOST axle caps.

Example of an order number for tyre size 385.65 – 22.5:

J 3240-3260 = Standard hubodometer
JK 3240-3260 = Short design
JM1 3240-3260 = Axle cap for JOST DLS axles, engineered by Mercedes-Benz
JD1 3240-3260 = Axle cap for JOST DCA axles engineered by Mercedes-Benz
JAE 3240-3260 = JOST axle cap with integrated Hubodometer

Circumference (mm)	Tyre size
1605	6.00-9
	155.70-12
1935-1985	175.00-14
	185.00-14
2015-2055	7.00-12
	185.00-15
	195.00-14
	205.70-15
2170	205.65-17,5
2225	6.00-16
	7.00-15
	205.00-16
	215.75-16
	205.80-15
2310	225.75-16
	7.50-15
	205.75-17,5
2350	215.75-17,5
	7.00-16
2425	245.70-17,5
	225.75-17,5
	8.00-17,5
2464-2520	7.50-16
	235.75-17,5
	265.70-17,5
	245.75-17,5
	8.50-17,5
2560	8.25-15
	9.50-17,5
	245.70-19,5
2620-2650	8.25-16
	10.00-17,5
	265.70-19,5
2712-2750	10.00-15
	9.00-16
	285.70-19,5
	275.80-18
2790	9.50-19,5
	305.70-19,5
	295.60-22,5
	445.45-19,5
	385.55-19,5
2830-2860	7.50-20

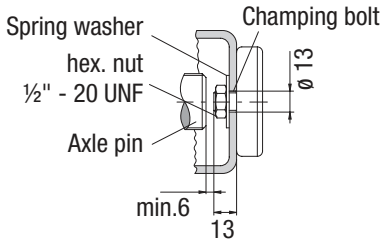
Other sizes upon request.

Circumference (mm)	Tyre size
	255.70-22,5
	285.60-22,5
	455.40-22,5
	305.60-22,5
	315.60-22,5
	435.50-19,5
2915	275.70-22,5
2960	8.25-20
	425.55-19,5
3015-3134	9.00-20
	10.00-22,5
	315.70-22,5
	275.80-22,5
	335.80-20
	385.65-19,5
	495.45-22,5
	385.55-22,5
	305.70-22,5
	9.00-22,5
	435.50-22,5
3175-3220	10.00-20
	11.00-22,5
	295.80-22,5
	315.75-22,5
	375.70-20
	405.70-20
3240-3260	385.65-22,5
3280-3310	11.00-20
	365.80-20
	12.00-22,5
	315.80-22,5
	365.70-22,5
	305.75-24,5
3410-3470	12.00-20
	13.00-22,5
	425.65-22,5
3505	445.65-22,5
3560-3570	12.00-22
	13.00-20
3730	12.00-24
	14.00-20
	445.75-22,5
4090	14.00-24

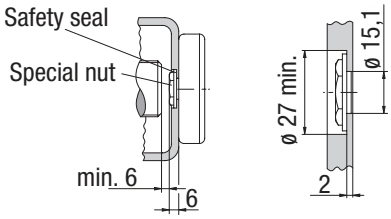
Versions J . . . / JK . . .

Two versions of the hubodometer are available for mounting on existing axle caps. The short version with a shortened clamping bolt is designed for conditions where space is limited.

Standard version (J . . .)



Short version (JK . . .)



For the shockproof mounting of the hubodometer special axle caps are available.

Special axle cap with integrated hubodometer for axles manufactured by JOST and Mercedes-Benz

JD1 . . . .
made of plastic black



Included in supply (Order No. JD1 . . . .)

- Axle cap with hubodometer

The order number is the rolling circumference (see table order number for hubodometers) with the prefix JD1.

JM1 . . . .
made of steel, black e-coating (KTL)



Included in supply (Order No. JM1 . . . .)

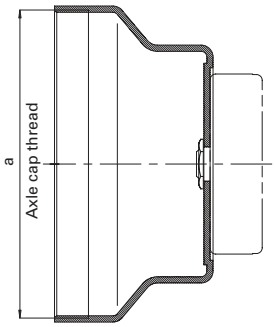
- Axle cap with hubodometer

The order number is the rolling circumference (see table order number for hubodometers) with the prefix JM1.

Special axle caps for axles manufactured for axles manufactured by BPW ECO

JHU 200/201/202

Special axle caps with a hole in the centre to mount the JOST hubodometer JK . . .

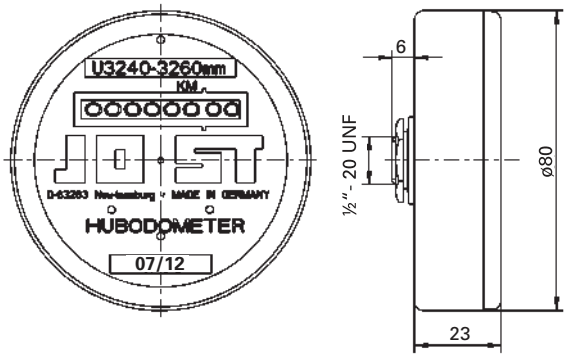


Order No.	Connection for axle cap thread a	Axle load 6,5-9 t	Axle load 10-12 t
JHU 0000200	M136 x 2,5	H...ECO-Plus, HS...ECO-Plus	H...ECO*, H...ECO-Maxx*, H...ECO-Plus,
		HZ...ECO-Plus, KH...ECO-Plus	HS...ECO-Plus, HZ...ECO-Plus,
		KHZ...ECO-Plus	KH...ECO*, KH...ECO-Maxx*,
			KH...ECO-Plus, NH...ECO*,
			NH...ECO-Maxx*, NZ...ECO-Maxx*
JHU 0000201	M135 x 2	H...ECO*, H...ECO-Maxx*, HS...ECO	
			HZ...ECO, KH...ECO*, KH...ECO-Maxx*,
			KHZ...ECO, NH...ECO*,
			NH...ECO-Maxx*, NZ...ECO,
			NRZ...ECO, NHZ...ECO
JHU 0000202	M125 x 2	H...ECO, H...ECO-Maxx, HS...ECO	
			HS...ECO-Maxx, HZ...ECO,
			HZ...ECO-Maxx, KH...ECO,
			KH...ECO-Maxx, KHS...ECO,
			KHZ...ECO, NH...ECO, NH...ECO-Maxx,
			NZ...ECO, NHZ...ECO, NRZ...ECO
JHU 0001000	Bayonet cap	ECO-Plus 2	

* modified axle cap thread as of 09/00 (M135 x 2 in M136 x 2.5). Observe thread size engraved in the original axle cap.

JK . . . .

JOST hubodometer



Order No.	Rolling circumference (mm)
JK 1605	U 1605
JK 1810	U 1810
JK 2170	U 2170
JK 2350	U 2350
JK 2425	U 2425
JK 2464-2520	U 2464-2520
JK 2560	U 2560
JK 2790	U 2790
JK 2830-2860	U 2830-2860
JK 2915	U 2915
JK 3015-3134	U 3015-3134
JK 3175-3220	U 3175-3220
JK 3240-3260	U 3240-3260
JK 3280-3310	U 3280-3310
JK 3410-3470	U 3410-3470
JK 3730	U 3730

JHU . . . .

Axle caps with mounted JOST hubodometer



Order No.	Rolling circumference (mm)	Connection for axle cap thread a
JHU 0000210	U 2790	M 125 x 2
JHU 0000211	U 3240-3260	M 125 x 2
JHU 0000212	U 3175-3220	M 135 x 2
JHU 0000213	U 3410-3470	M 135 x 2
JHU 0000214	U 2790	M 136 x 2,5
JHU 0000215	U 3015-3134	M 136 x 2,5
JHU 0000216	U 3175-3220	M 136 x 2,5
JHU 0000217	U 3240-3260	M 136 x 2,5
JHU 0000218	U 3280-3310	M 136 x 2,5
JHU 0001001	U 2790	Bayonet cap
JHU 0001002	U 3015-3134	Bayonet cap
JHU 0001003	U 3175-3220	Bayonet cap
JHU 0001004	U 3240-3260	Bayonet cap

Scope of delivery

- Axle caps with mounted JOST hubodometer

General information

This catalogue contains our complete range of products and the appropriate spare parts for **articulated vehicle equipment, semi-trailers and trailers.** Special models are available on request.

We reserve the right to make changes to the **technical specifications** of all the products depicted in this catalogue. Updated information may be available in the online product catalogue at www.jost-world.com. You can find further technical details and information (e.g. mounting and operating instructions) as well as terms of guarantee at www.jost-world.com. Please refer to the appropriate documentation for installation, assembly and repair instructions.

General information
Available product series and designs are specified in the respective selection tables by means of an order reference number.

If you do not intend to unpack and fit the products immediately on delivery, please store them in a dry place. According to their weight the products are transported in carton, in crates or on Euro pallets. We recommend the use of a lifiting truck, forklift or crane for handling pallets or crates.



Transport

JOST

1-3 Systems

1 Fifth wheel couplings

2 King pins

3 Landing gears

4 Truck and Trailer axles

5 Hubodometers

6 Ball bearing turntables

7 Container technology

TRIDEC

8 Steering systems

9 Axle suspensions

ROCKINGER

10 Towing hitches

11 Drawbars and towing eyes

Agriculture

JOST

6 Ball bearing turntables

TRIDEC

Axle suspensions

ROCKINGER

11 Drawbars and towing eyes

12 Coupling systems

Quicke

13 Front loader and implements

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