

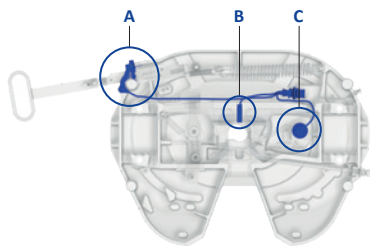
Sensor couplings

Advantages at a glance

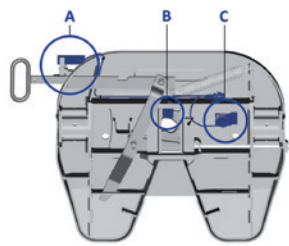
- Sensors provide best possible safety during the coupling process
- Increased safety even in poor visibility
- A remote display processes the signal and displays it in the driver's cab

Technical Features

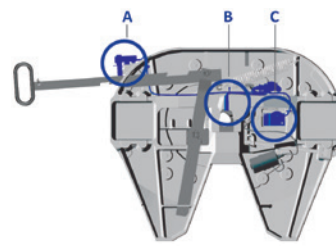
- A sensor permanently monitors the connection status
- A second sensor controls the position of the king pin
- An additional third sensor monitors the contact locking position and displays it in the driver's cab.
- The sensors are located in protected zones on non-moving parts
- Electromagnetical compatibility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



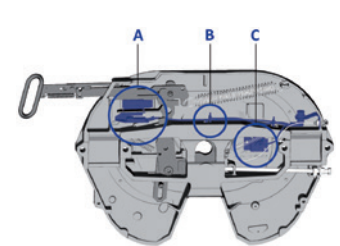
Cast coupling
JSK 34



Pressed steel coupling
JSK 36



Cast coupling
JSK 37



Cast coupling
JSK 42



- 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 design	ZL	Version
JSK 34 H0 20 CY AA	150	–	12°	12°	120	16	118	E1 55R-01 2482	LT5P ST	–	J	Standard
JSK 34 H0 38 C6 AA	185	–	15°	15°	120	16	120	E1 55R-01 2482	Z	–	J	Standard
JSK 34 H6 40 C6 AA	190	–	15°	15°	120	16	130	E1 55R-01 2482	Z	–	J	X ¹
JSK 34 H6 40 BC AA	190	–	15°	15°	120	16	126	E1 55R-01 2482	W+LT1P	–	J	X ¹
JSK 34 H6 40 CY AA	190	–	15°	15°	120	16	133	E1 55R-01 2482	LT5P ST	–	J	X ¹
JSK 34 H6 57 C6 AA	225	–	15°	15°	120	16	134	E1 55R-01 2482	Z	–	J	X ¹
JSK 34 H6 57 CY AA	225	–	15°	15°	120	16	136	E1 55R-01 2482	LT5P ST	–	J	X ¹
JSK 34 H8 21 P0 AI	160	362,5	12°	12°	120	16	135	E1 55R-01 2482	W+LT1P	G	K	Volvo/Renault
JSK 34 H8 21 O9 AI	160	337,5	12°	12°	120	16	135	E1 55R-01 2482	W+LT1P	H	K	Volvo/Renault
JSK 34 H8 44 P0 AI	200	362,5	17°	17°	120	16	139	E1 55R-01 2482	W+LT1P	G	K	Volvo/Renault
JSK 34 H8 44 O9 AI	200	337,5	17°	17°	120	16	139	E1 55R-01 2482	W+LT1P	H	K	Volvo/Renault
JSK 34 H0 20 AM CL	150	–	12°	12°	120	16	122	E1 55R-01 2482	LT5P	–	J	MAN
JSK 34 H0 38 AM CL	185	–	15°	15°	120	16	126	E1 55R-01 2482	LT5P	–	J	MAN

¹ Standard version without cable or display

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 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 Z3 AA	150	152	20	133	DIN	E1 55R-01 0116	J	LT5P ST	Standard*
JSK 42 K0 38 Z3 AA	185	152	20	133	DIN	E1 55R-01 0116	J	LT5P ST	Standard*
JSK 42 K0 57 Z3 AA	225	152	20	135	DIN	E1 55R-01 0116	J	LT5P ST	Standard*
JSK 42 K0 70 Z3 AA	225	152	20	140	DIN	E1 55R-01 0116	J	LT5P ST	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+LT1P	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+LT1P	Mercedes-Benz

* 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 MAN, 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 34 • JSK 36 • JSK 37 • JSK 40 • JSK 42** series

Explanations:

WA/Maintenance

W = Low-maintenance version

M = Manual lubrication

Z = Prepared for central lubrication

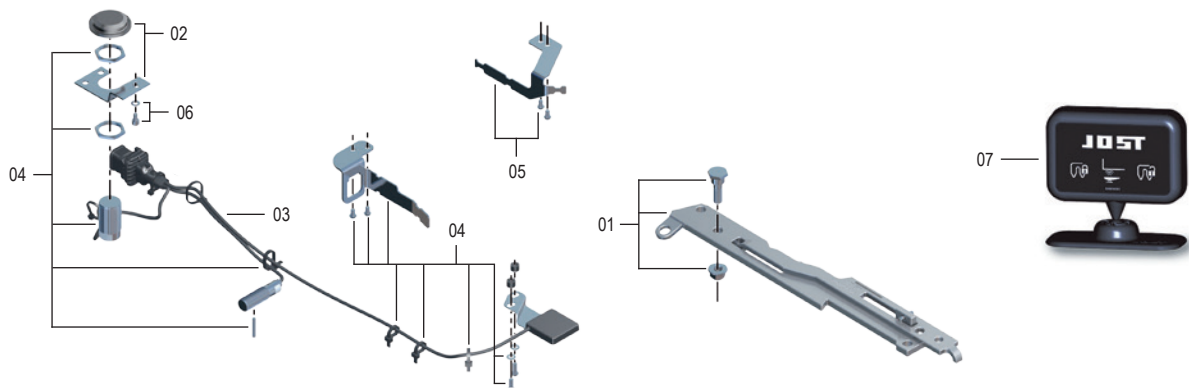
LT1P = LubeTronic 1Point

ZL/Handle length

J = Long handle

K = Short handle

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
03	3-sensor cable harness with mounted retaining plate – Standard/Mercedes-Benz*	with 02, 03, 04, 05, 06	SKE006140001	1
03	3-sensor cable harness with mounted retaining plate – Volvo	with 02, 03, 04, 05, 06	SKE006350010	1
03	2-sensor cable harness with mounted retaining plate – Standard	with 02, 03, 04, 05, 06	SKE002040300	1
07	Sensor display with 3 sensors – 24 V (European standard)		SKE501620200	1
07	Sensor display with 3 sensors – 12 V		SKE501620500	1
07	Sensor display with 2 sensors – 24 V (European standard)		SKE501620198	1
07	Sensor display with 2 sensors – 12 V		SKE501620394	1
oZ	Connection cable, ADR quality (7-pole angular plug) – new		SKE002110300	1
oZ	Adapter cable (pole round plug vs pole angular plug)		SKE011300000	1

* Applicable for JSK 42 W from serial serial number 22E403xxxx or 1xxxxxxxE4 (from KW 03/2012)

Applicable for JSK 42 from serial number 22E423xxxx or 1xxxxxxxE4 (from KW 23/2012)

Applicable for all JSK 40 K9

Standard fifth wheel couplings can not be retrofitted with sensors.