



ST 20
ST 30



STD

Kettenzüge_
Originalteileliste

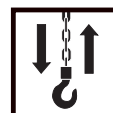
➤ DE

Chain hoists_
Original parts list

➤ EN



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Austausch und Reparaturen nur von geschultem Personal ausführen lassen.
Die Angaben in der Spalte "Benennung" dienen nur internen Vorgängen.

Bitte immer die Fabrik-Nr. des Hebezeuges angeben.

Änderungen vorbehalten

Replacement and repairs may only be carried out by trained personnel..
The information in the column "Designation" is only for internal use.

Please always state hoist serial number.

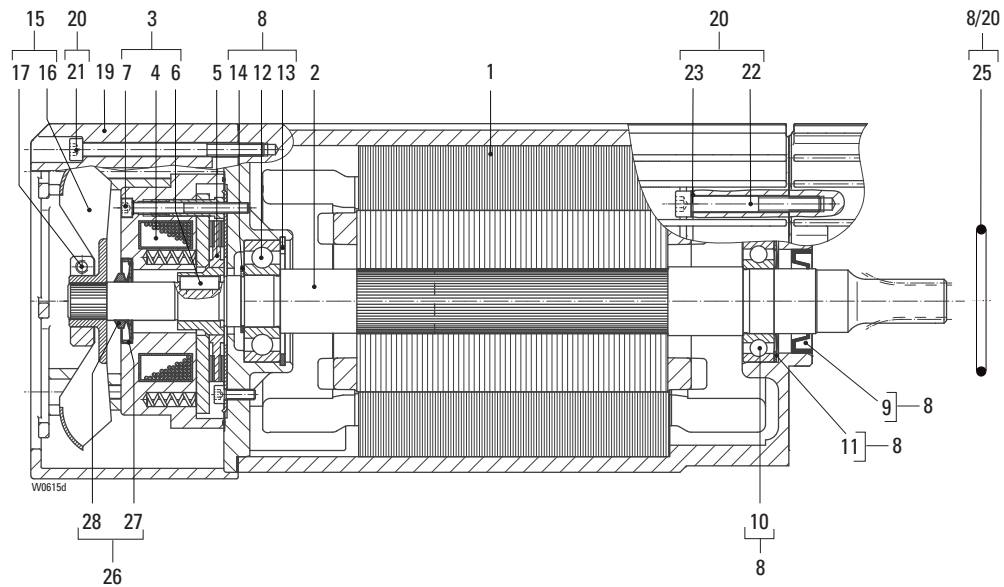
Subject to alterations



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

Hubmotor/Hoist motor
8/2E31; 2E31
8/2E32; 2E32



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description			Benennung	Designation
	16 320 00 11 0	1	ST2010-8/2	1) 8/2E31	(Pos.1-4, 9-17)	Motor	Motor
	16 320 01 11 0	1	ST2010-8	1) 2E31	(Pos.1-4, 9-17)		
	16 320 04 11 0	1	ST2010-12/3; ST3016-8/2	1) 8/2E32	(Pos.1-4, 9-17)		
	16 320 05 11 0	1	ST2010-12; ST3016-8	1) 2E32	(Pos.1-4, 9-17)		
	16 320 02 11 0	1	ST2008-16/4	1) 8/2E32	(Pos.1-4, 9-17)		
	16 320 03 11 0	1	ST2008-16	1) 2E32	(Pos.1-4, 9-17)		
3	16 320 57 64 0	1	86 V	...E31	(Pos.4-7)	Brems-Set	Brake set
	16 320 58 64 0	1	171 V	...E31	(Pos.4-7)		
	16 320 59 64 0	1	216 V	...E31	(Pos.4-7)		
	16 320 60 64 0	1	259 V	...E31	(Pos.4-7)		
	16 320 39 64 0	1		2) ...E31	(Pos.4-7)		
	16 320 61 64 0	1	86 V	...E32	(Pos.4-7)		
	16 320 62 64 0	1	171 V	...E32	(Pos.4-7)		
	16 320 63 64 0	1	216 V	...E32	(Pos.4-7)		
	16 320 64 64 0	1	259 V	...E32	(Pos.4-7)		
	16 320 40 64 0	1		2) ...E32	(Pos.4-7)		
4	...	1	...E31 / ...E32			Bremse	Brake
5	...	1				Bremsrotor	Brake rotor
6	...	1	A5x5x15	DIN 6885		Passfeder	Feather key
7	...	3	M5x55	ISO 4762		Zyl-Schraube	Socket head cap screw
8	16 320 38 64 0	1	...E31/...E32 (Pos.9-14,25)			Motor-Lager-Set	Motor bearing set
9	...	1	A30x47x7	DIN 3760		Wellendichtring	Shaft seal
10	...	1	6006-2Z	DIN 625		Rillenkugellager	Grooved ball bearing
11	...	1	45x54x0,5			Ausgleichsscheibe	Disc
12	...	1	6205-2ZJC3	DIN 625		Rillenkugellager	Grooved ball bearing
13	...	1	52x2	DIN 472		Sicherungsring	Locking ring
14	...	1	25x1,2	DIN 471		Sicherungsring	Locking ring
15	16 320 36 64 0	1	...E31/...E32 (Pos.16+17)			Lüfterrad-Set	Fan Wheel set
16	...	1				Lüfterrad	Fan Wheel
17	...	1				Spannring	Straining ring
19	16 320 35 64 0	1	...E31/...E32 (Pos.21)			Abschlusshaube-Set	End cap set
20	16 320 37 64 0	1	...E31/...E32 (Pos.21-25)			Motor-Schrauben-Set	Motor screw set
21	...	4	M5x70	ISO 4762		Zyl-Schraube	Socket head cap screw
22	...	3	M6x25	ISO 4762		Zyl-Schraube	Socket head cap screw
23	...	3	S6			Sicherungsscheibe	Lock washer
25	...	1	60x2	DIN 3771		Runddichtring	Round sealing ring
26	14 320 43 64 0	1	(Pos.27+28)			Dichtung-Set IP 66	Sealing set IP 66
27	...	1				Dichtring	Sealing ring
28	...	1				Dichtungslamelle	Seal

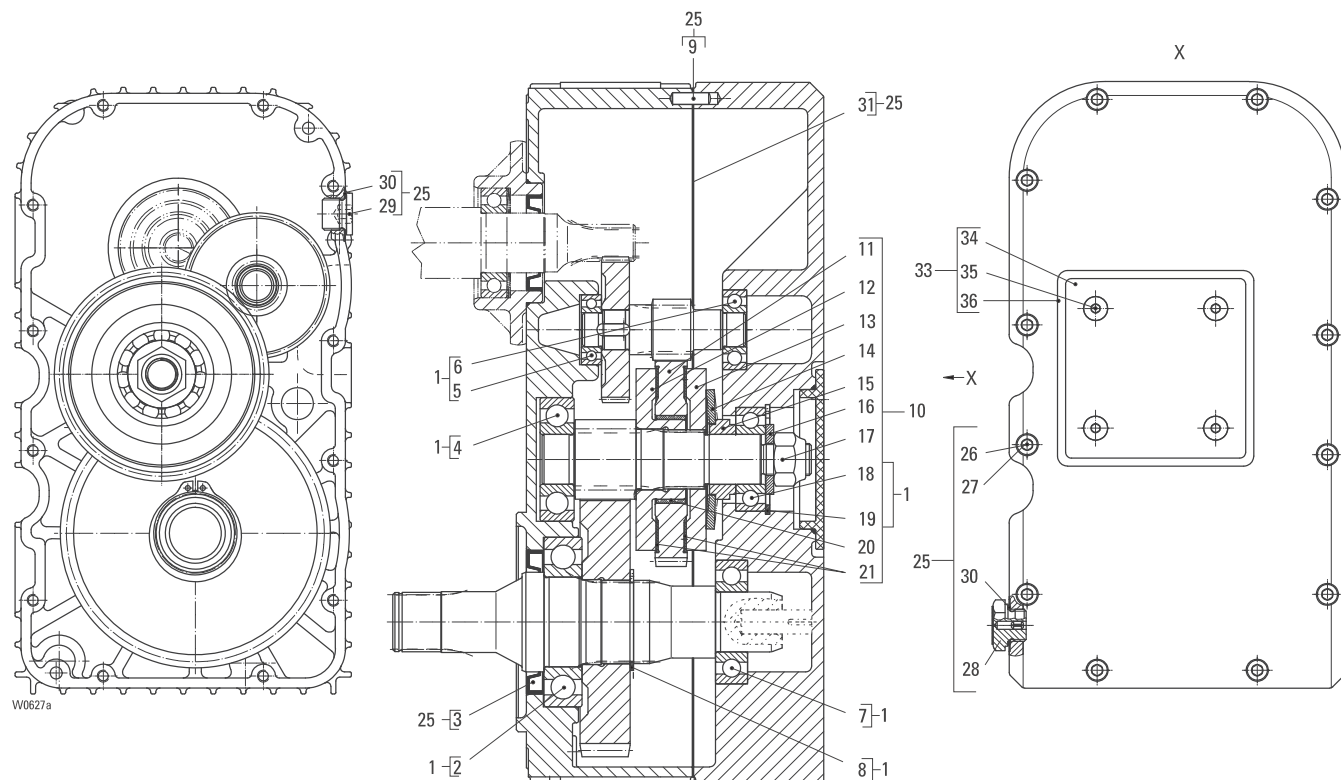
1) Bitte Betriebsspannung, Frequenz und Schutzart angeben.
2) Bitte Betriebsspannung und Frequenz angeben

1) Please state operating voltage, frequency and protection
2) Please state operating voltage and frequency.

OL-ST20-FM



Getriebe/Gear



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung Designation
	16 320 03 30 0	1	ST2010-8; ST3016-8 (Pos.1-36)	Getriebe Gear
	16 320 04 30 0	1	ST2010-12 (Pos.1-36)	
	16 320 05 30 0	1	ST2008-16 (Pos.1-36)	
	16 320 08 30 0	1	ST2010-8; ST3016-8 1) (Pos.1-36)	
	16 320 09 30 0	1	ST2010-12 1) (Pos.1-36)	
	16 320 10 30 0	1	ST2008-16 1) (Pos.1-36)	
1	16 320 42 64 0	1	2) (Pos.2-8, 18+19)	Getriebe-Lager-Set Gear bearing set
2	...	1	6209-Z DIN 625	Rillenkugellager Grooved ball bearing
3	...	1	50xx72x8 DIN 3760	Wellendichtring Shaft seal
4	...	1	6305 DIN 625	Rillenkugellager Grooved ball bearing
5	...	1	6003 DIN 625	Rillenkugellager Grooved ball bearing
6	...	1	6203 DIN 625	Rillenkugellager Grooved ball bearing
7	...	1	6206 DIN 625	Rillenkugellager Grooved ball bearing
8	...	1	42x1,75 DIN 471	Sicherungsring Locking ring
9	...	1	6m6x18 ISO 2338	Zyl-Stift pin
10	16 320 30 64 0	1	ST2010-8; ST3016-8 (Pos.11-21)	Rutschkupplungs-Set Slipping clutch set
	16 320 31 64 0	1	ST2010-12 (Pos.11-21)	
	16 320 32 64 0	1	ST2008-16 (Pos.11-21)	
11	...	1	ST2010-8; ST3016-8 z 50	Zahnrad Toothed wheel
12	...	1		Kupplungsscheibe Coupling disc
13	...	1		Kupplungsscheibe Coupling disc

1) Ausführung mit Getriebeendschalter GE-S
2) Dichtungs-Set empfohlen

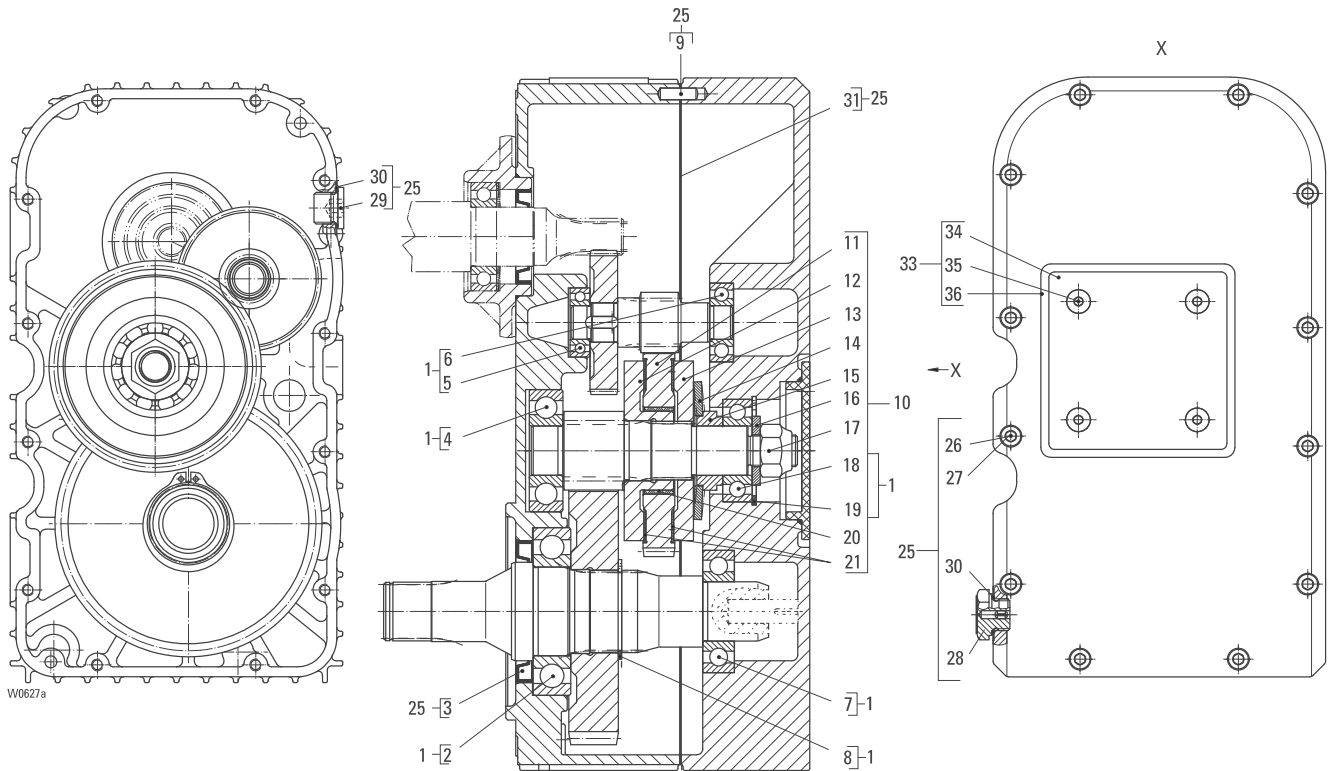
1) Execution with gear-type limit switch GE-S.
2) Gear set recommended



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

Getriebe/Gear

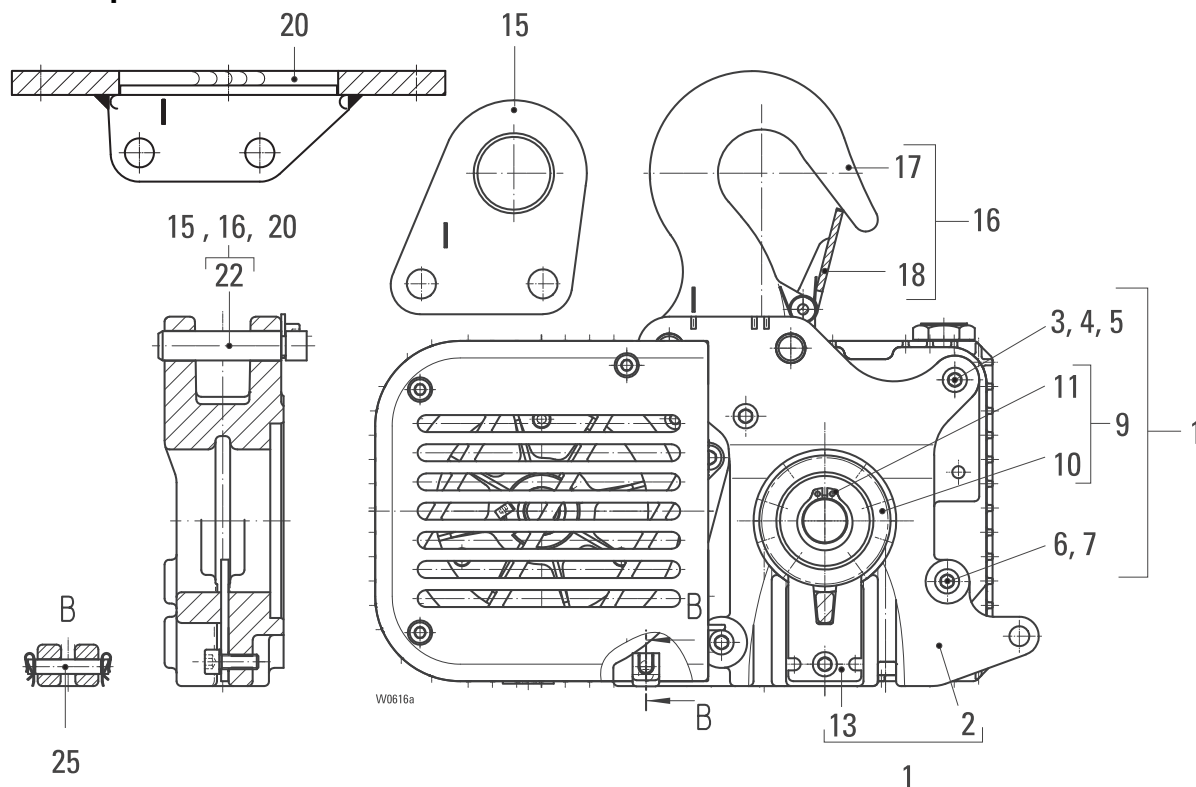


Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
14	...	1	70x35,5x4	Tellerfeder	Belleville spring washer
15	...	1		Buchse	Bushing
16	...	1		Scheibe	Disc
17	...	1	M16x1,5	Skt-Mutter	Hexagonal nut
18	...	1	6205-2RS	Rillenkugellager	Grooved ball bearing
19	...	1	52x2	Sicherungsring	Locking ring
20	...	1	40/44x15	DU-Buchse	DU-bushing
21	...	2		Rutschkupplungsbelag	Slipping clutch lining
25	16 320 41 64 0	1	(Pos.3,9,26-31)	Getrieb-Dichtung-Set	Gear seal set
26	...	12	M6x70	Zyl-Schraube	Socket head cap screw
27	...	12	S6	Sicherungsscheibe	Lock washer
28	...	1		Verschlussschraube	Locking bolt
29	...	1	M16x1,5	Verschlussschraube	Locking bolt
30	...	2	C16x20	Dichtring	Shaft seal
31	...	1		Dichtung	Seal
33	18 320 10 64 0	1	(Pos.34-36)	Deckel-Set	Cover set
34	...	1		Deckel	Cover
35	...	4	M6x12	Senkschraube	Countsunk screw
36	...	1	70x2	Runddichtring	Round sealing ring
	32 250 07 65 0	1	1000 ml	Getriebeöl	Gear oil



standard / standard

Kettentrieb / Aufhängung
Chain drive / suspension



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
1	16 320 00 41 0	1	ST20 (Pos.2-13)	Kettenführung-Set	Chain guide set
	16 320 02 41 0	1	ST20 1) (Pos.2-13)		
	13 320 00 41 0	1	ST30 (Pos.2-13)		
	13 320 03 41 0	1	ST30 1) (Pos.2-13)		
2	...	1		Kettenführung	Chain guide
3	...	2	M8x95 ISO 4762	Zyl-Schraube	Socket head cap screw
4	...	2	S8	Sicherungsscheibe	Lock washer
5	...	2	16/11/35	Buchse	Bushing
6	...	2	M8x75 DIN 912-8.8	Zyl-Schraube	Socket head cap screw
7	...	2	S6	Sicherungsscheibe	Lock washer
9	16 320 43 64 0	1	ST20 (Pos.10+11)	Kettennuss-Set	Chain sprocket set
10	...	1		Kettennuss	Chain sprocket
11	...	1	30x1,5 DIN 471	Sicherungsring	Locking ring
9	13 320 00 64 0	1	ST30 (Pos.10+11)	Kettennuss-Set	Chain sprocket set
10	...	1		Kettennuss	Chain sprocket
11	...	1	30x1,5 DIN 471	Sicherungsring	Locking ring
13	16 320 00 45 0	1	ST20	Auswerfer-Set	Ejector set
	13 320 00 45 0	1	ST30		
15	16 320 45 64 0	1	(Pos.22)	Aufhängeöse-Set	Suspension eye set
16	16 320 44 64 0	1	(Pos.17,18+22)	Aufhängehaken-Set	Suspension hook set
17	...	1		Aufhängehaken	Suspension hook
18	...	1		Aushängesicherung	Safety catch
20	16 320 46 64 0	1	(Pos.22)	Aufhängung-Set	Suspension set
22	16 320 00 57 0	1		Aufhängebolzen-Set	Suspension bolz set
25	16 320 00 24 0	1	ST20	Kettenaufhänge-Set	Suspension set
	13 320 00 24 0	1	ST30		

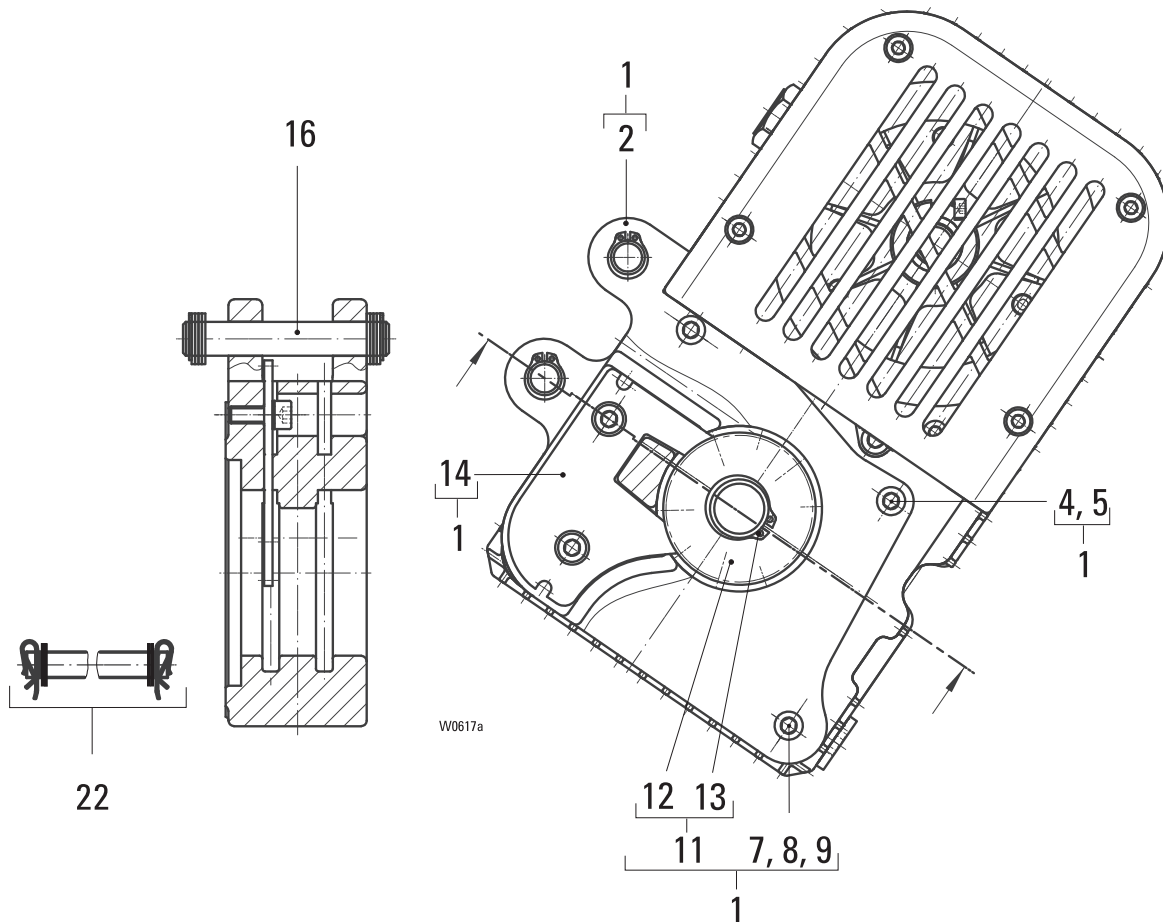
1) Fußzug

1) Foot mounted hoist



kurze Bauhöhe / short headroom

Kettentrieb / Aufhängung
Chain drive / suspension

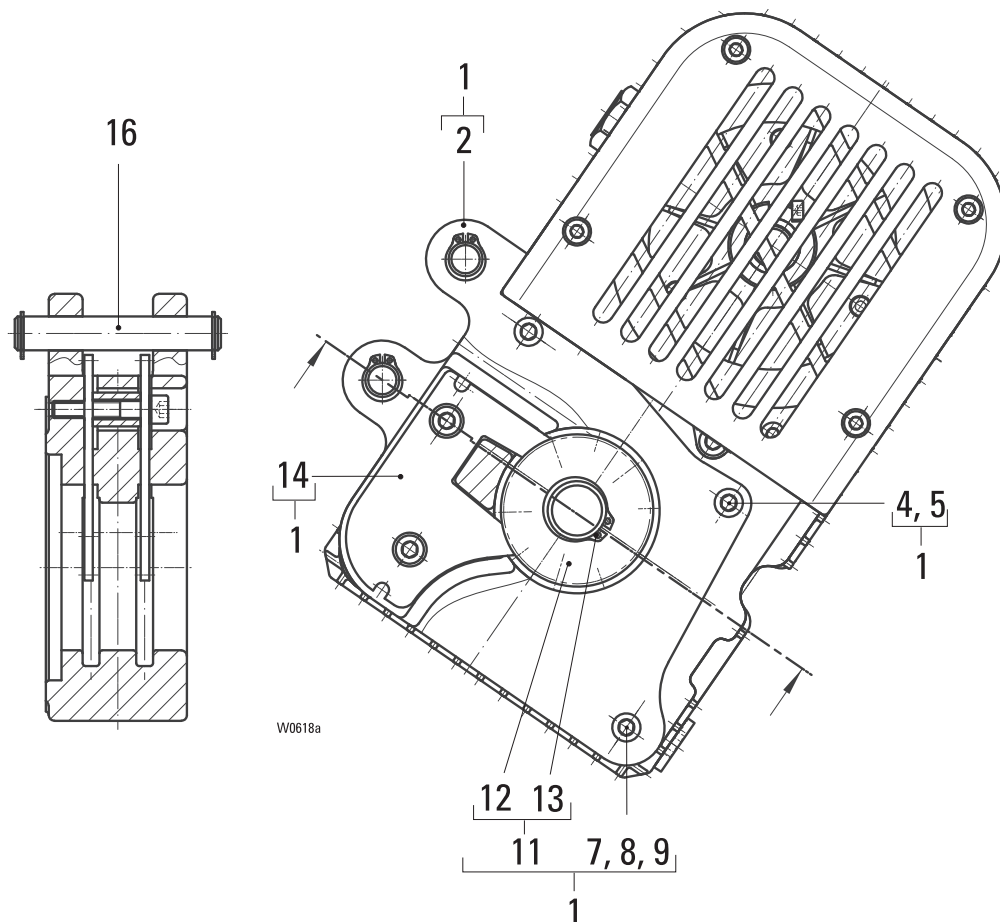


Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
1	16 320 01 41 0	1	ST20 (Pos.2-13)	Kettenführung-Set	Chain guide set
	13 320 01 41 0	1	ST30 (Pos.2-13)		
2		1		Kettenführung	Chain guide
4		1	M8x75 DIN 931-8.8	Zyl-Schraube	Socket head cap screw
5		1	S8	Sicherungsscheibe	Lock washer
7		2	M8x95 ISO 4762	Zyl-Schraube	Socket head cap screw
8		2	S8	Sicherungsscheibe	Lock washer
9		2	16/11/35	Buchse	Bushing
11	16 320 47 64 0	1	ST20 (Pos.12+13)	Kettennuss-Set	Chain sprocket set
12		1		Kettennuss	Chain sprocket
13		1	30x1,5 DIN 471	Sicherungsring	Locking ring
11	13 320 00 64 0	1	ST30 (Pos.12+13)	Kettennuss-Set	Chain sprocket set
12		1		Kettennuss	Chain sprocket
13		1	30x1,5 DIN 471	Sicherungsring	Locking ring
14	16 320 01 45 0	1	ST20	Auswerfer-Set	Ejector set
	13 320 01 45 0	1	ST30		
16	16 320 01 57 0	1	ST20; ST 30	Aufhängebolzen-Set	Suspension bolt set
22	16 320 01 24 0	1	ST20	Kettenaufhänge-Set	Suspension set
	17 320 00 24 0	1	ST30		



mit 2 Lastketten / with 2 load chains

Kettentrieb / Aufhängung
Chain drive / suspension



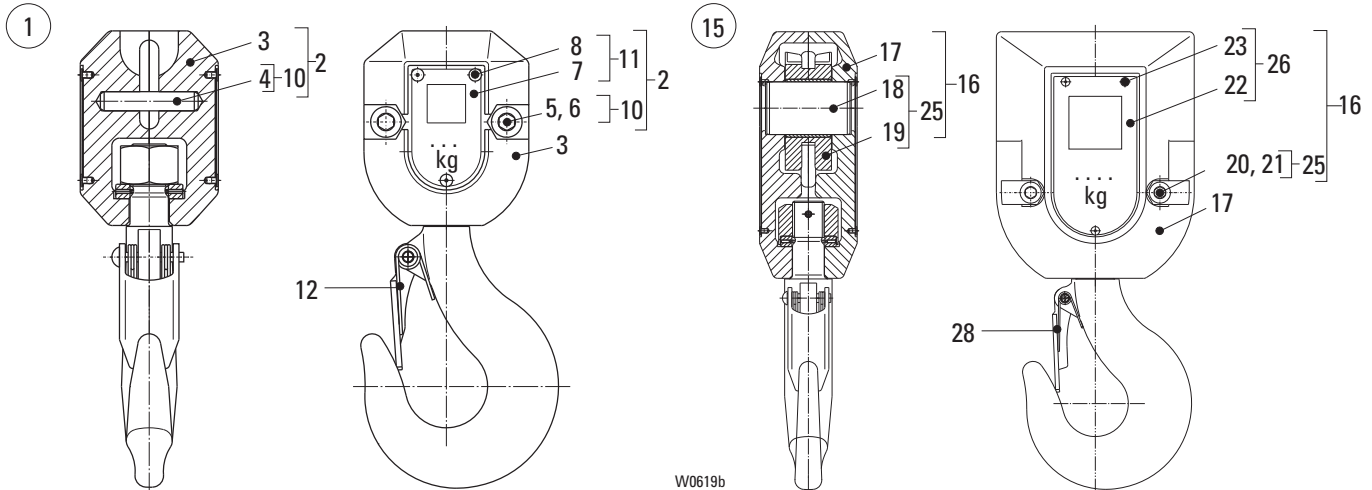
Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
1	13 320 02 41 0	1	(Pos.3-13)	Kettenführung-Set	Chain guide set
2	...	1		Kettenführung	Chain guide
4	...	1	M8x75	Zyl-Schraube	Socket head cap screw
5	...	1	S8	Sicherungsscheibe	Lock washer
7	...	2	M8x95	Zyl-Schraube	Socket head cap screw
8	...	2	S8	Sicherungsscheibe	Lock washer
9	...	2	16/11/35	Buchse	Bushing
11	16 320 47 64 0	1	(Pos.12+13)	Kettennuss-Set	Chain sprocket set
12	...	1		Kettennuss	Chain sprocket
13	...	1	30x1,5	Sicherungerring	Locking ring
14	13 320 02 45 0	1		Auswerfer-Set	Ejector set
16	16 320 01 57 0	1		Aufhängebolzen-Set	Suspension bolz set



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

Hakengeschrir/Hakenflasche
Bottom hook block
ST20/STD30



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung Designation
1	16 320 02 59 0	1	ST20-1/1; STD30	Hakengeschrir
2	16 320 52 64 0	2	1) (Pos.2-10)	Traglast-/Tragschild-Set
3	...	2	(Pos.3-10)	Tragschild
4	...	1		Bolzen
5	...	2	M8x35	Zyl-Schraube
6	...	2	M8	Mutter
7	...	2	... kg	Traglastschild
8	...	4	3x5	Blindniet
10	16 320 48 64 0	1	(Pos.4,5+6)	Hakengeschrir-Bolzen-Set
11	14 320 39 64 0	1	1) (Pos.7+8)	Traglastschild
12	521 007 0	1		Sicherungsklappe
	15 320 51 56 0	5		Sicherungsklappe-Set
15	16 320 03 50 0	1	ST20-2/1; STD30	Hakenflasche
16	16 320 53 64 0	2	1) (Pos.16-28)	Traglast-/Tragschild-Set
17	...	2	(Pos.17-26)	Tragschild
18	...	1		Achse
19	...	1		Kettenrolle
20	...	2	M8x45	Zyl-Schraube
21	...	2	M8	Mutter
22	...	2	... kg	Traglastschild
23	...	4	3x5	Blindniet
25	16 320 49 64 0	1	(Pos.18-21)	Hakenflasche-Kettenrolle-Set
26	16 320 54 64 0	2	1) (Pos.7+8)	Traglastschild
28	521 008 0	1		Sicherungsklappe
	15 320 52 56 0	5		Sicherungsklappe-Set

1) Bitte Traglast angeben

1) Please state capacity

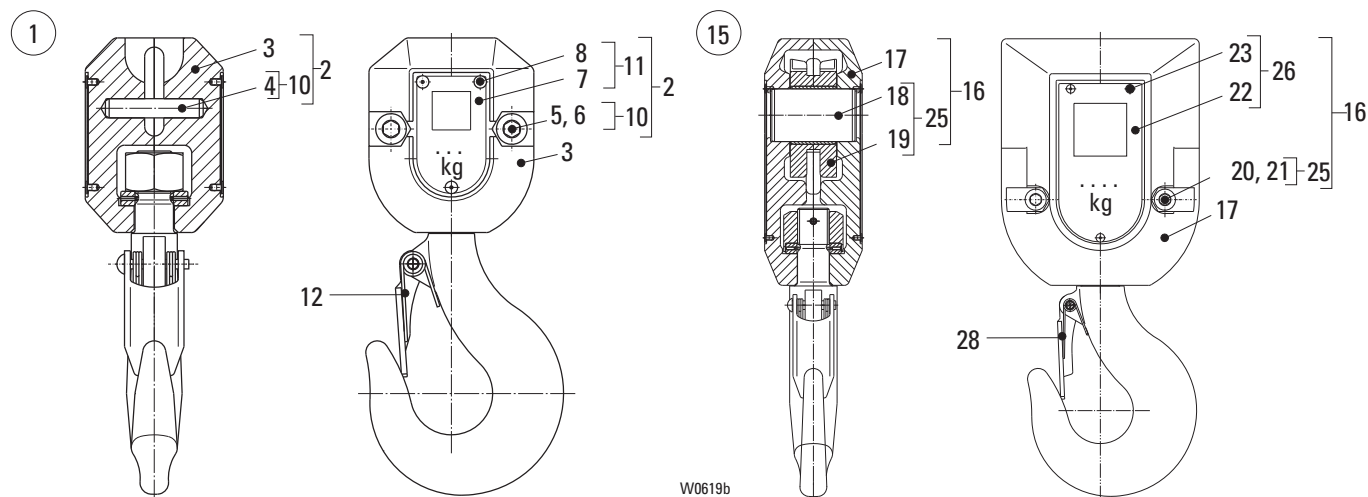


Hakengeschrir/Hakenflasche

Bottom hook block

ST30

standard/ standard



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
1	17 320 00 59 0	1	1/1 1) (Pos.2-12)	Hakengeschrir	Bottom hook block
2	17 320 03 64 0	1	(Pos.3-10)	Traglast-/Tragschild-Set	Side cheek set
3	...	1		Tragschild	Side cheek
4	...	1		Bolzen	Bolt
5	...	2	M10x40 ISO 4762-8.8	Zyl-Schraube	Socked head cap screw
6	...	2	M10 DIN 985	Mutter	Nut
7	...	2	... kg	Traglastschild	S. W. L. sign
8	...	6	3x5	Blindniet	Blind rivet
10	17 320 01 64 0	1	(Pos.4, 5+6)	Hakengeschrir-Bolzen-Set	Bottom hook block bolt set
11	18 320 12 64 0	1	1) (Pos.7+8)	Traglastschild	S.W.L. sign
12	521 008 0	1		Sicherungsklappe	Safety latch
	15 320 52 56 0	5		Sicherungsklappe-Set	Safety latch set
15	13 320 01 50 0	1	2/1 1) (Pos.16-28)	Hakenflasche	Bottom hook block
16	13 320 02 64 0	1	1) (Pos.17-26)	Traglast-/Tragschild-Set	Side cheek set
17	...	2		Tragschild	Side cheek
18	...	1		Achse	Axle
19	...	1		Kettenrolle	Chain wheel
20	...	2	M10x45 ISO 4762-8.8	Zyl-Schraube	Socked head cap screw
21	...	2	M10 DIN 985	Mutter	Nut
22	...	2	... kg	Traglastschild	S. W. L. sign
23	...	4	3x5	Blindniet	Blind rivet
25	13 320 01 64 0	1	(Pos.18-21)	Hakenflasche-Kettenrolle-Set	Bottom hook block chain wheel
26	16 320 54 64 0	1	1) (Pos.7+8)	Traglastschild	S.W.L. sign
28	521 008 0	1		Sicherungsklappe	Safety latch
	15 320 52 56 0	5		Sicherungsklappe-Set	Safety latch set

1) Bitte Traglast angeben

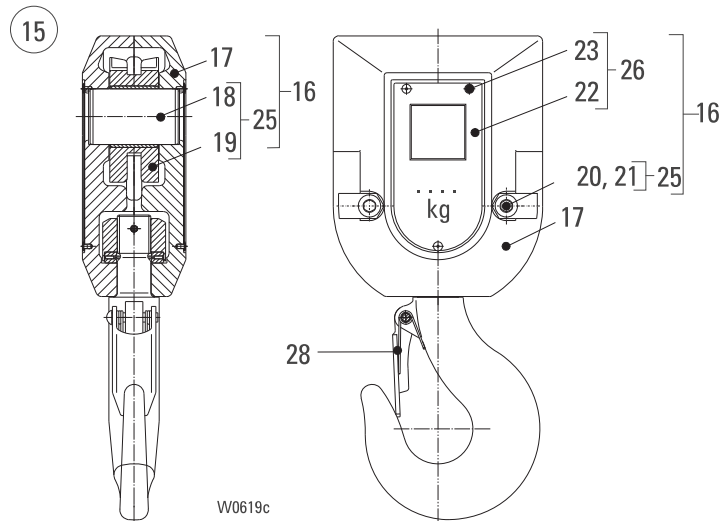
1) Please state capacity



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

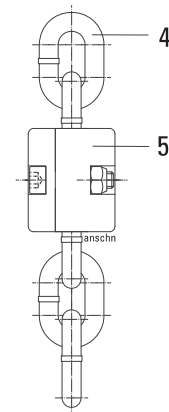
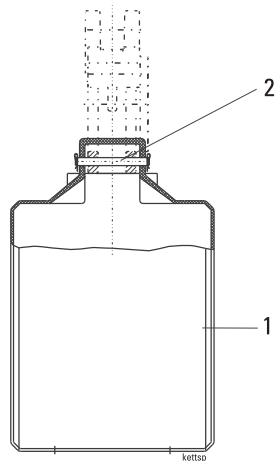
Hakenflasche
Bottom hook block
ST30
kurze Bauhöhe / short headroom



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
15	17 320 01 50 0	1	2/1	Hakenflasche	Bottom hook block
16	17 320 04 64 0	1		Traglast-/Tragschild-Set	Side cheek set
17		2	M10x45 M10 ... kg 3x5	Tragschild	Side cheek
18		1		Achse	Axle
19		1		Kettenrolle	Chain wheel
20		2		Zyl-Schraube	Socked head cap screw
21		2		Mutter	Nut
22		2		Traglastschild	S. W. L. sign
23		4		Blindniet	Blind rivet
25	17 320 02 64 0	1		Hakenflasche-Kettenrolle-Set	Bottom hook block chain wheel
26	18 320 13 64 0	1		Traglastschild	S.W.L. sign
28	521 009 0	1		Sicherungsklappe	Safety latch
	15 320 53 56 0	5		Sicherungsklappe-Set	Safety latch set



ST20 / ST30



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description				Benennung	Designation	
1	33 322 06 32 0	1	ST20	8 m; ST30	6m	1)4)	Kettenspeicher	Chain box	
	35 322 04 32 0	1	ST20	8 m; ST30	6m	1			
	33 320 26 26 0	1	ST20	16 m; ST30	10m	2)			
	33 320 27 26 0	1	ST20	22 m; ST30	12m	2)			
	35 320 12 26 0	1	ST20	30 m; ST30	20m	2)			
	33 320 28 26 0	1	ST20	8 m; ST30	6m	3)			
	33 320 29 26 0	1	ST20	16 m; ST30	10m	3)			
	33 320 30 26 0	1	ST20	22 m; ST30	12m	3)			
	33 320 31 26 0	1	ST20	40 m; ST30	30m	3)			
2	14 320 00 26 0	1	ST20; ST30				Aufhängeset-Kettenspeicher	Suspension set-chain box	
4	331 001 9		ST20			5) 7x21,9 H80S	Kette	Chain	
	331 927 9		ST20			5) 7x21,9 60RS			
	331 931 9		ST20			5) 7x21,9 HS60			
	331 004 9		ST30			5) 9x27 H80S			
	331 928 9		ST30			5) 9x27 50RS			
	331 932 9		ST30			5) 9x27 HS60			
5	16 320 01 27 0	1	ST20					Kettenanschlagnuss	Chain stopper
	17 320 00 27 0	1	ST30						

- 1) Kunststoff
2) Textil
3) Stahlblech
4) Ausführung kurze Bauhöhe
5) Bitte Länge angeben.

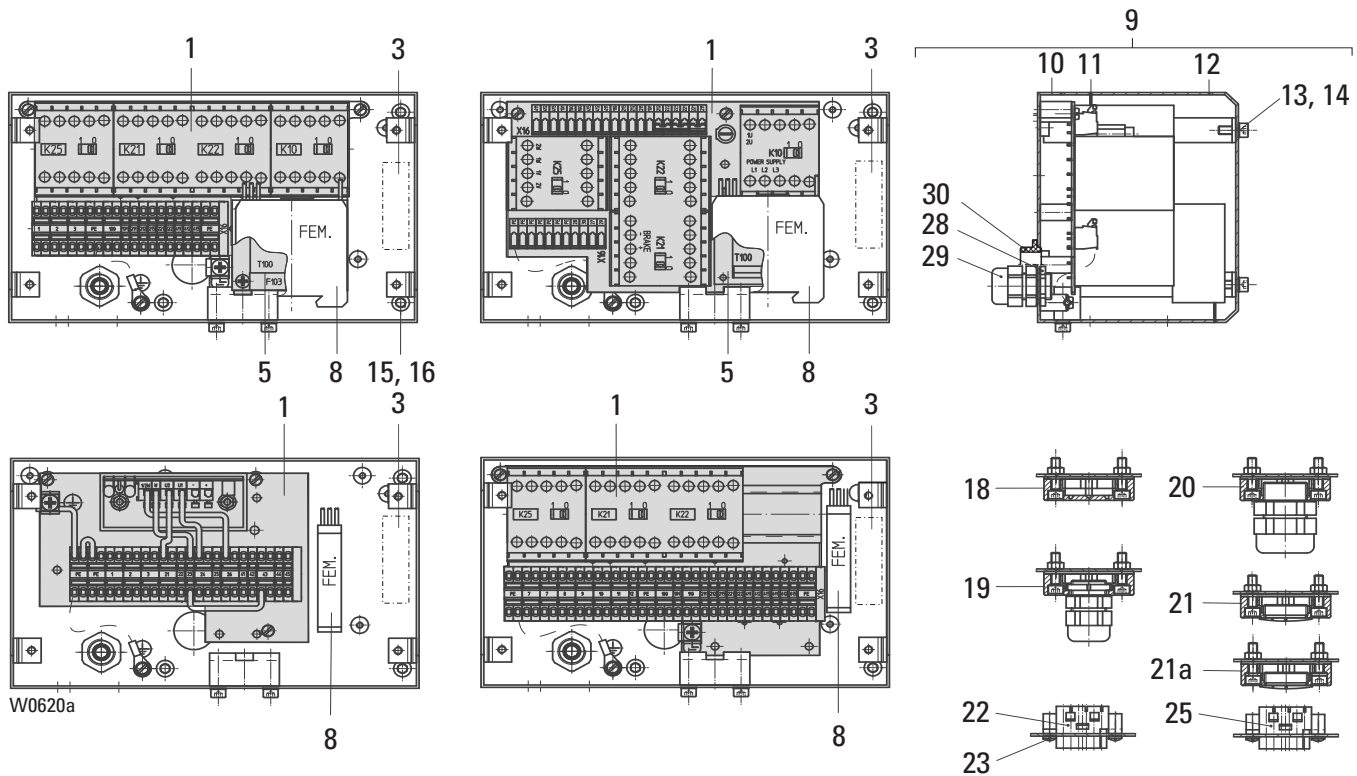
- 1) Plastic
2) Textile
3) Sheet steel
4) Execution short headrom
5) Please state length



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

Steuerung/Control



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung Designation
1	...	1	1)	Gerätesatz Control set
3	578 530 0	1	220V - 600V	Einweg-Gleichrichter Rectifier
	578 532 0	1	230V/400V 50Hz 2)	
		1	208V/230V/460V 60Hz 2)	
	578 5310	1	660V - 720V	
5	579 476 0	1	43VA 230V/400V/ 42V	Trafo Transformer
	579 477 0	1	43VA 440V/500V/ 42V	
	579 478 0	1	43VA 230V/400V/ 48V	
	579 479 0	1	43VA 440V/500V/ 48V	
	579 480 0	1	43VA 400V/500V/ 230V	
8	578 527 0	1		Funkentstörmodul FEM2 Interference suppres. FEM2
	578 525 0	1	▲ -400V	Funkentstörmodul FEM1 Interference suppres. FEM1
	578 526 0	1	▲▲ >400V-800V	Funkentstörmodul FEM1 Interference suppres. FEM1
9	16 320 55 64 0	1	▲▲ (Pos.10-16,39-30)	Gerätekasten-Kunststoff Panel box plastic
	16 320 56 64 0	1	▲▲ (Pos.10-16,29-30)	Gerätekasten-Blech Panel box steel
18	14 320 02 82 0	1		Abdeckplatte Cover plate
19	14 320 03 82 0	1	M20x1,5	Abdeckplatte Cover plate
20	14 320 04 82 0	1	M25x1,5	Abdeckplatte Cover plate
21	14 320 05 82 0	1	M25X1,5	Abdeckplatte Cover plate
21a	20 390 16 81 0	1	M25X1,5	Abdeckplatte-Fahr Antrieb Cover plate-travel drive
22	18 320 08 82 0	1		Steckerbuchse-STH Plug bushing-STH
	18 320 13 82 0	1		Steckerbuchse-Fahren Plug bushing-travel
23	...	2	4x10	Plastite-Linsensenkschraube Plastite-Countersunk screw
25	15 320 01 63 0	1		Stecker-Stromzuführung Plug-power supply

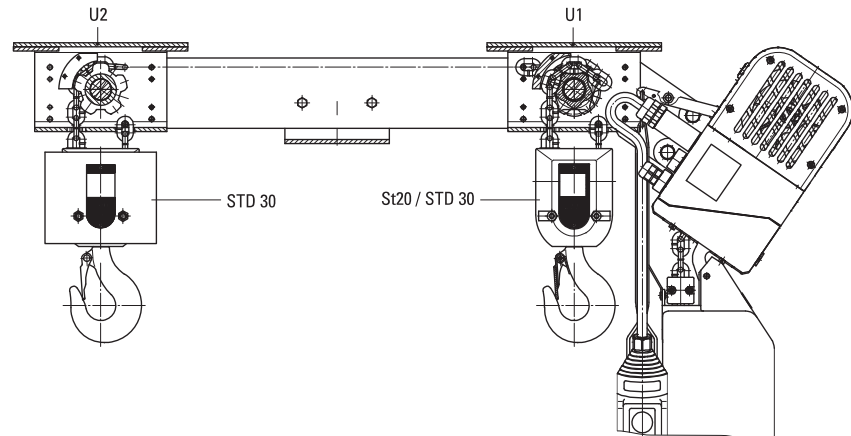
1) Bitte Fabriknummer angeben.
2) spannungsumschaltbar

1) Please state serial number
2) voltage interchangeable

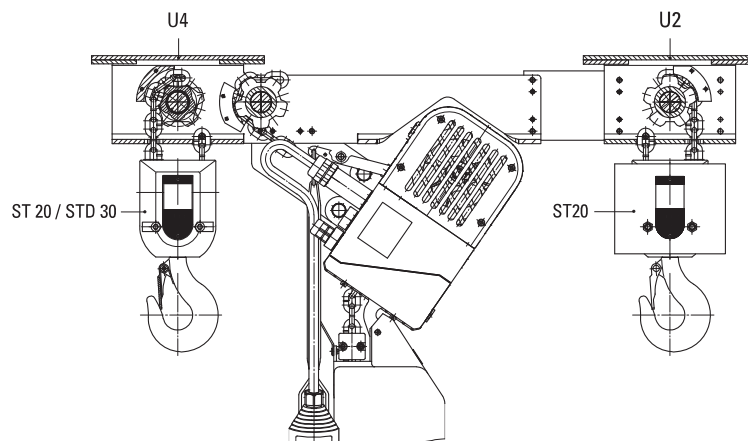


Einsatz der Umlenkrollenböcke Mounting sheave supports

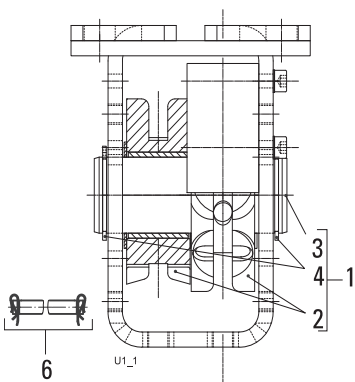
Ausführung E Design E



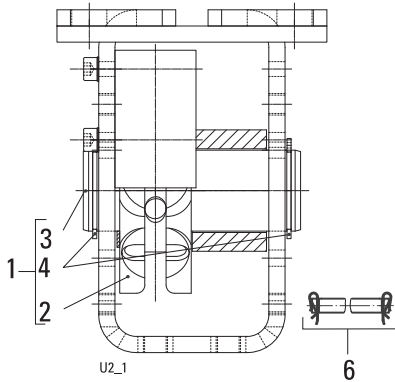
Ausführung Z Design Z



U1



U2



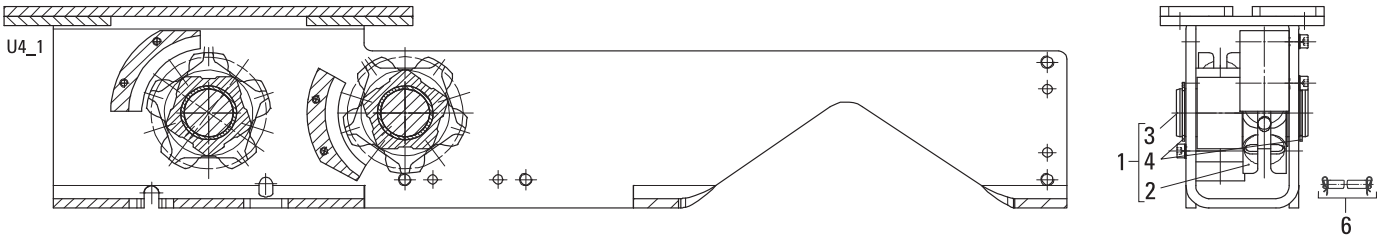
Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
	13 320 17 25 0	1	U1	Umlenkrollenbock	Deflection pulley frame
	13 320 19 25 0	1	U2		
1	13 320 03 64 0	1	(Pos.2-4)	Kettenrolle-Set	Chain pulley set
6	13 320 01 24 0	1	4/2	Kettenaufhänge-Set	Suspension set



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

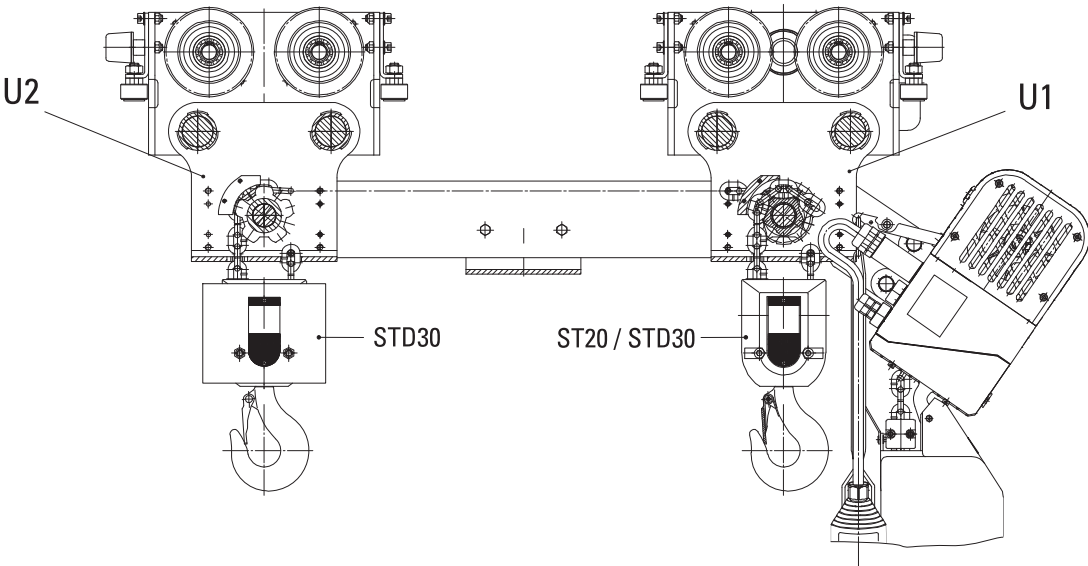
U4



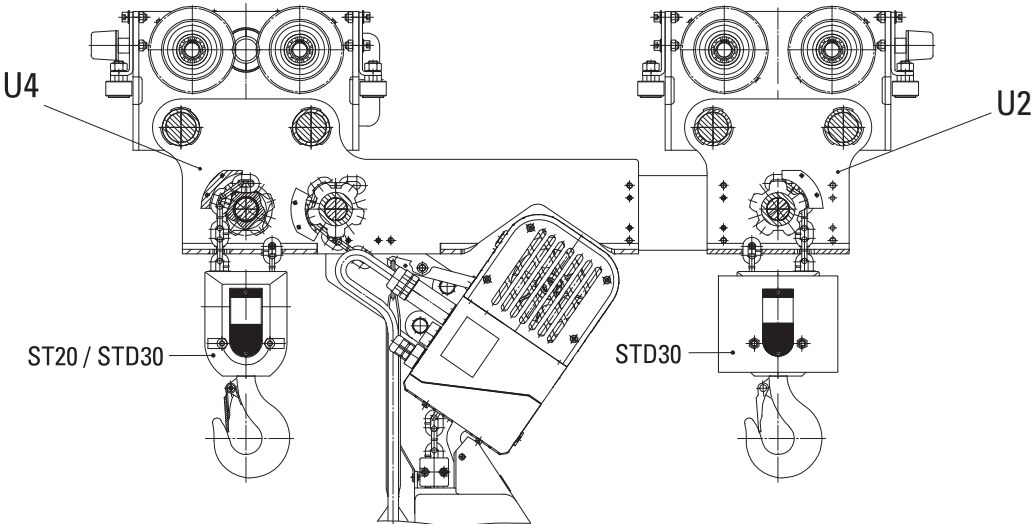
Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
	13 320 21 25 0	1	U4	Umlerollenbock	Deflection pulley frame
1	13 320 03 64 0	2	(Pos.2-4)	Kettenrolle-Set	Chain pulley set
6	13 320 01 24 0	1	4/2	Kettenaufhänge-Set	Suspension set

Einsatz der Umlenkrollenböcke
Mounting sheave supports

Ausführung E
Design E

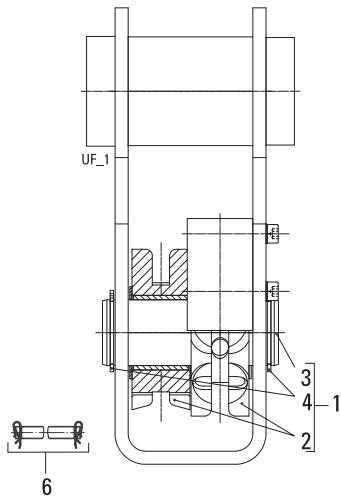


Ausführung Z
Design Z

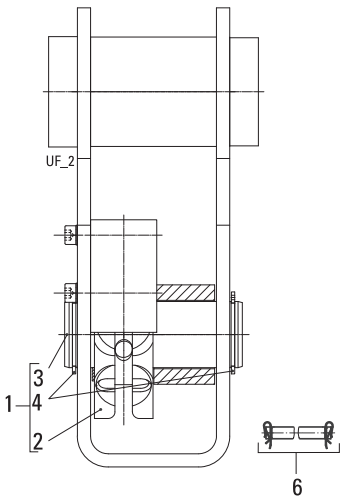




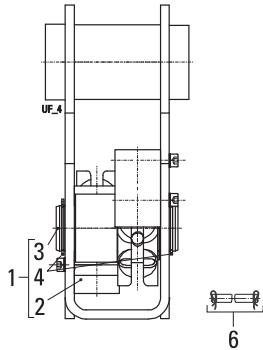
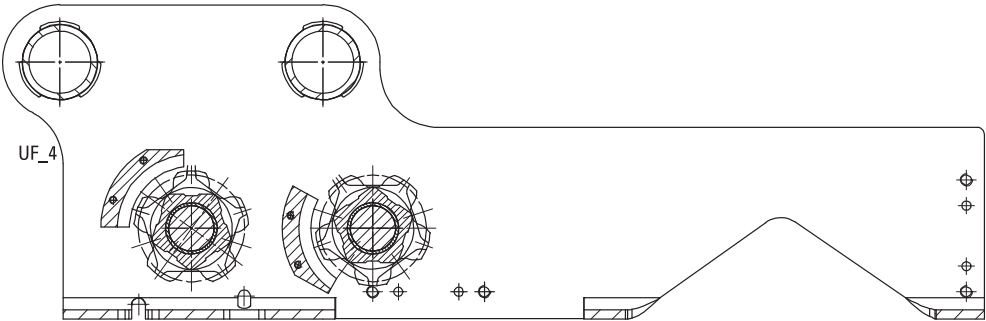
U1



U2



U4



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
	13 320 23 25 0	1	U1	Umlenkrollenbock	Deflection pulley frame
	13 320 22 25 0	1	U2		
	13 320 24 25 0	1	U4		
1	13 320 03 64 0	2	(Pos.2-4)	Kettenrolle-Set	Chain pulley set
6	13 320 01 24 0	1	4/2	Kettenaufhänge-Set	Suspension set

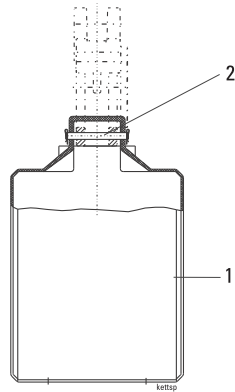


Originalteile
Original parts
ST20 / ST30 / STD30

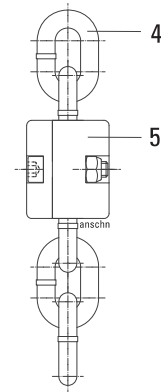
STAHL
Crane Systems

STD30

Kettenspeicher/Chain box



Kettenanschlagnuss/Chain stopper



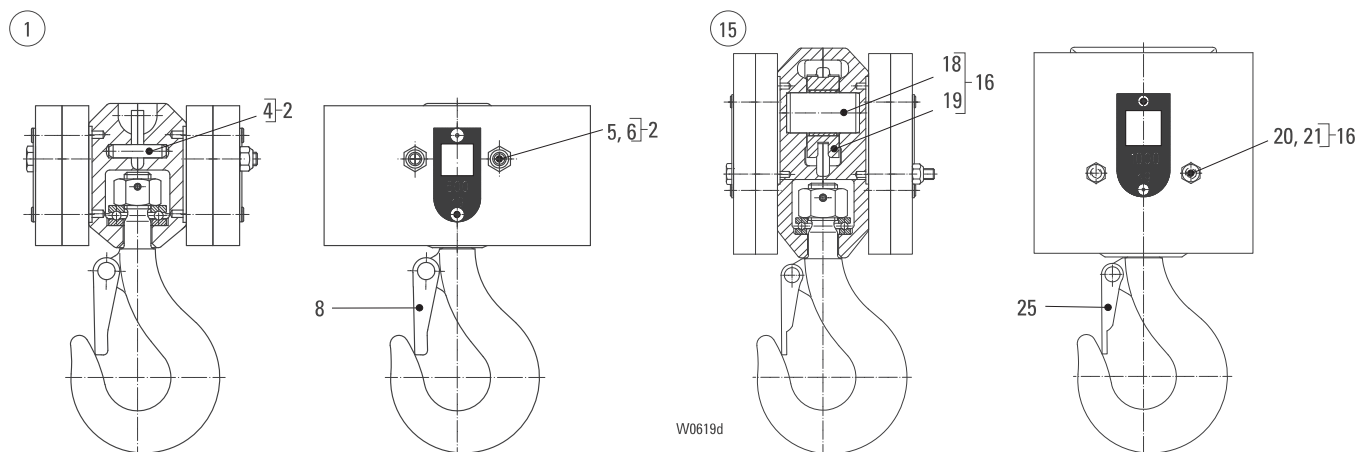
Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung Designation
1	33 322 06 32 0	1	2x4 m 1)	Kettenspeicher Chain box
	33 320 26 26 0	1	2x6 m 2)	
	33 320 27 26 0	1	2x8 m 2)	
	35 320 12 26 0	1	2x10 m 2)	
	33 320 28 26 0	1	2x4 m 3)	
	33 320 29 26 0	1	2x6 m 3)	
	33 320 30 26 0	1	2x8 m 3)	
2	14 320 01 26 0	1		Aufhängeset-Kettenspeicher Suspension set-chain box
4	331 001 9		7x21,9 HE-G80 RAS /H80S 4)	Kette Chain
5	16 320 01 27 0	2		Kettenanschlagnuss Chain stopper

1) Kunststoff
2) Textil
3) Stahlblech
4) Bitte Länge angeben.

1) Plastic
2) Textile
3) Sheet steel
4) Please state length



Hakenflasche / Bottom hook block STD30



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
1	16 320 03 59 0	1	1) (Pos.2-8)	Hakengeschirr	Bottom hook block
2	16 320 50 64 0	1	(Pos.4-6)	Hakengeschirr-Bolzen-Set	Bottom hook block bolt set
4	...	1		Bolzen	Bolt
5	...	2	M8x100 ISO 4014-8.8	Skt-Schraube	Hexagonal head cap screw
	...	2	M8x130 ISO 4014-8.8	Skt-Schraube	Hexagonal head cap screw
6	...	2	M8 DIN 985	Mutter	Nut
8	521 007 0	1		Sicherungsklappe	Safety latch
	15 320 51 56 0	5		Sicherungsklappe-Set	Safety latch set
15	16 320 04 50 0	1	1) (Pos.16-25)	Hakenflasche	Bottom hook block
16	16 320 51 64 0	1	(Pos.18-21)	Hakenflasche-Kettenrolle-Set	Bottom hook block chain wheel
18	...	1		Achse	Axle
19	...	1		Kettenrolle	Chain wheel
20	...	2	M8x100 ISO 4014-8.8	Skt-Schraube	Hexagonal head cap screw
	...	2	M8x130 ISO 4014-8.8	Skt-Schraube	Hexagonal head cap screw
21	...	2	M8 DIN 985	Mutter	Nut
25	521 008 0	1		Sicherungsklappe	Safety latch
	15 320 52 56 0	5		Sicherungsklappe-Set	Safety latch set

1) Bitte Traglast angeben

1) Please state capacity

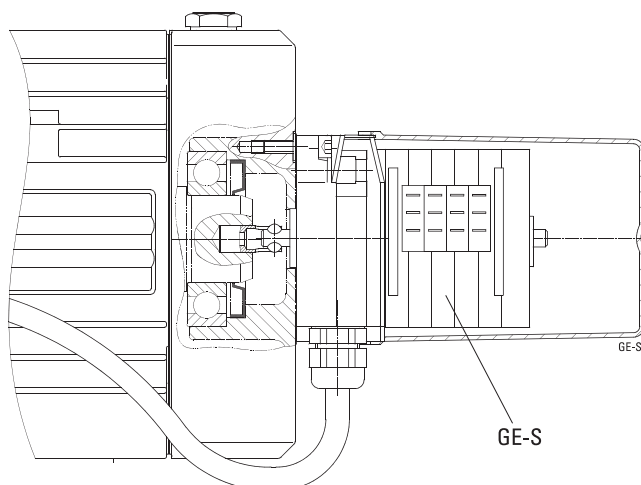


Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

Getriebeendschalter/Gear limit switch GE-S

Typ Type	Teil-Nummer Part- Number
GE-S 075 0201	580 000 0
GE-S 075 0401	580 001 0
GE-S 125 0201	580 004 0
GE-S 125 0401	580 005 0



Standardsteuergerät / Standard Control switch

Typ Type		Teil-Nummer Part-Number
STH 2109-01	*	17 390 50 21 9
STH 2109-08	*	17 390 48 21 9
STH 2209-07	*	17 390 47 21 9
STH 2209-00	*	17 390 46 21 9
STH 2209-05	*	17 390 45 21 9
STH 2209-16	*	17 390 44 21 9
STH 6102-003	*	17 390 87 21 9
STH 6102-009	*	17 390 84 21 9
STH 1202-006	*	17 390 77 21 9
STH 1202-028	*	17 390 73 21 9
STH 1202-014	*	17 390 72 21 9
STH 1202-021	*	17 390 71 21 9



* Bei Bestellung bitte Steuerskabellänge angeben.

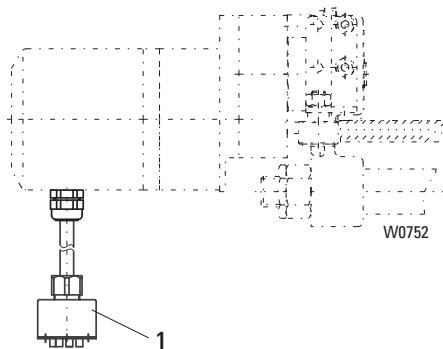
Sondersteuergeräte: Bitte Typ angeben.

* When ordering please state length of control cable.

Special control pendants: Please state type when ordering.

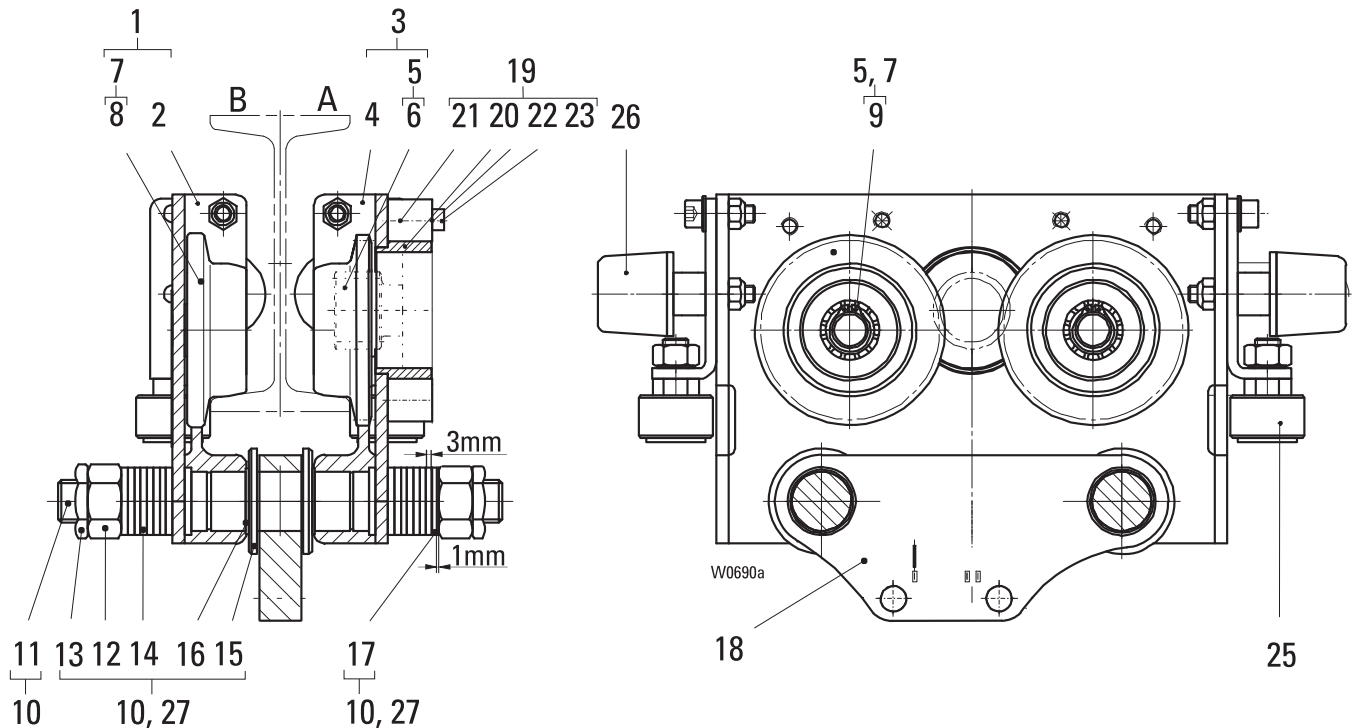
Kabel komplett - Stecker Fahrtrieb Cable complete - Plug travel drive

Pos. item	Teil-Nummer Part-Number
1	15 320 09 82 0





KFN 10



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description		Benennung	Designation
1	22 240 05 20 0	1	B63	(Pos.2+7)	Fahrwerkschild kompl.	Carriage side plate compl.
2	...	1			Fahrwerkschild	Carriage side plate
3	22 240 06 20 0	1	A63	(Pos.4+5)	Fahrwerkschild kompl.	Carriage side plate compl.
4	...	1			Fahrwerkschild	Carriage side plate
5	02 250 01 64 0	2	A 63	(Pos.6+9)	Laufrolle-Set	Wheel set
6	...	2			Laufrolle	Wheel
7	02 250 00 64 0	2	B 63	(Pos.8+9)	Laufrolle-Set	Wheel set
8	...	2			Laufrolle	Wheel
9	...	4	17x1	DIN 471	Sicherungsring	Locking ring
10	22 240 14 16 0	1	58 mm - 110 mm	1) (Pos.11-17)	Aufhängebolzen-Set	Suspension bolt set
	22 240 15 16 0	1	113 mm - 154 mm	1) (Pos.11-17)		
	22 240 16 16 0	1	155 mm - 193 mm	1) (Pos.11-17)		
	22 240 17 16 0	1	200 mm - 240 mm	1) (Pos.11-17)		
	22 240 18 16 0	1	260 mm - 300 mm	1) (Pos.11-17)		
11	...	2			Aufhängebolzen	Suspension bolt
12	...	4	M20	ISO 4032	Skt-Mutter	Hexagonal nut
13	...	4	M20	DIN 7967	Sicherungsmutter	Locking nut
14	...	40			Abstandsring	Spacer ring
15	...	4	B 28	DIN 125	Scheibe	Disc
16	...	4	SW 28		Sprengring	Spring ring
18	22 242 07 24 0	1	KFN		Aufhängung	Suspension
19	51 250 00 64 0	1		(Pos.20-23)	Fahrwerk-Motoranbau-Set	Trolley motor assembly set
20	...	1			Bundbuchse	Bushing
21	...	4	20/ 10/ 21		Buchse	Bushing
22	...	4	S8 vz		Sicherungsscheibe	Lock washer
23	...	4	M8 x 35 8.8 Zn	DIN 6912	Zyl. Schraube	Socket head cap screw
25	22 240 06 58 0	1			Führungsrollenanbau komplett	Guide roller attachment compl.
26	22 240 01 23 0	4			Puffer	Buffer
27	22 240 15 64 0	1		(Pos.12-17)	Fahrwerk-Schrauben-Set	Trolley screw set

1) Flanscbreite

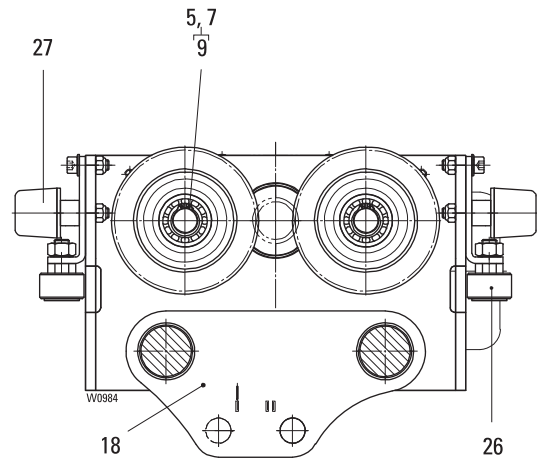
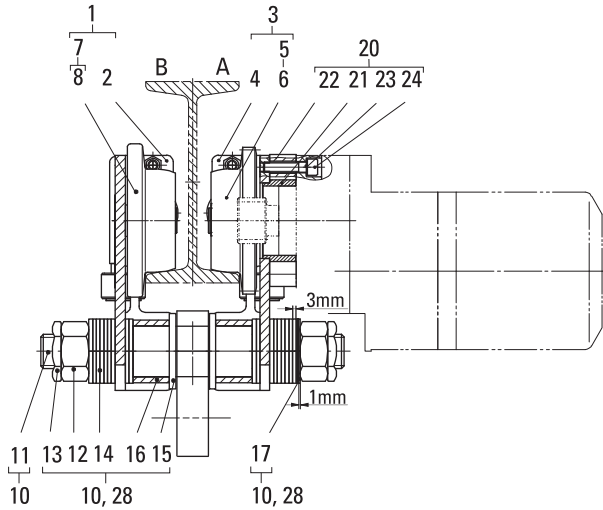
1) Flange width



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

KFN 32 / KFD 32



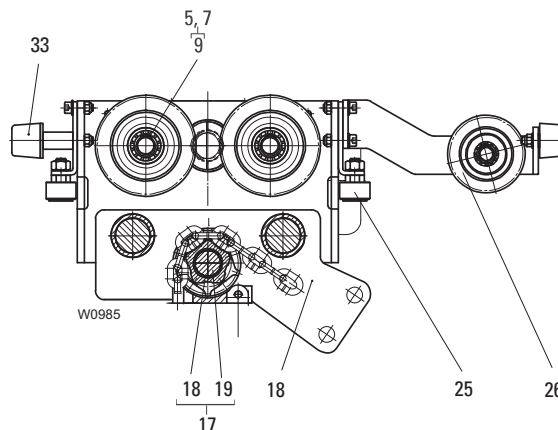
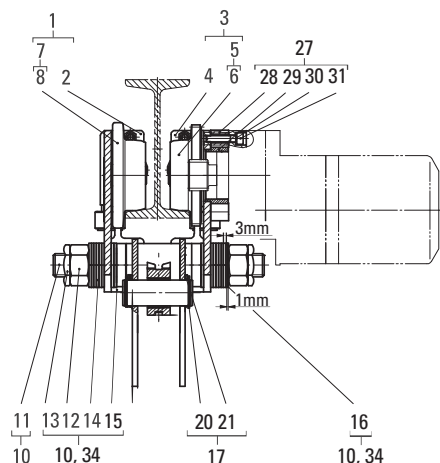
Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description		Benennung	Designation
1	23 240 04 20 0	1	B80	(Pos.2+7)	Fahrwerkschild kompl.	Carriage side plate compl.
2	...	1			Fahrwerkschild	Carriage side plate
3	23 240 05 20 0	1	A80	(Pos.4+5)	Fahrwerkschild kompl.	Carriage side plate compl.
4	...	1			Fahrwerkschild	Carriage side plate
5	03 250 01 64 0	2	A80	(Pos.6+9)	Laufrolle-Set	Wheel set
6	...	2			Laufrolle	Wheel
7	03 250 00 64 0	2	B80	(Pos.8+9)	Laufrolle-Set	Wheel set
8	...	2			Laufrolle	Wheel
9	...	4	20x1,2	DIN 471	Sicherungsring	Locking ring
10	23 240 12 16 0	1	KFN 32	66 mm - 110 mm 1) (Pos.11-17)	Aufhängebolzen-Set	Suspension bolt set
	23 240 13 16 0	1	KFN 32	113 mm - 153 mm 1) (Pos.11-17)		
	23 240 14 16 0	1	KFN 32	155 mm - 192 mm 1) (Pos.11-17)		
	23 240 15 16 0	1	KFN 32	200 mm - 240 mm 1) (Pos.11-17)		
	23 240 16 16 0	1	KFN 32	260 mm - 300 mm 1) (Pos.11-17)		
	23 240 17 16 0	1	KFN 32	400 mm 1) (Pos.11-17)		
10	23 240 18 16 0	1	KFD 32	66 mm - 110 mm 1) (Pos.11-14, 16+17)	Aufhängebolzen-Set	Suspension bolt set
	23 240 19 16 0	1	KFD32	113 mm - 153 mm 1) (Pos.11-14, 16+17)		
	23 240 20 16 0	1	KFD 32	155 mm - 192 mm 1) (Pos.11-14, 16+17)		
	23 240 21 16 0	1	KFD 32	200 mm - 240 mm 1) (Pos.11-14, 16+17)		
	23 240 22 16 0	1	KFD 32	260 mm - 300 mm 1) (Pos.11-14, 16+17)		
	23 240 23 16 0	1	KFD 32	400 mm 1) (Pos.11-14, 16+17)		
11	...	2			Aufhängebolzen	Suspension bolt
12	...	4	M27	ISO 4032	Skt-Mutter	Hexagonal nut
13	...	4	M27	DIN 7967	Sicherungsmutter	Locking nut
14	...	36	51/28/3		Abstandsring	Spacer ring
15	...	4	60/41/5	DIN 125	Scheibe	Disc
16	...	4	50 / 41 / ..		Buchse	Bushing
17	...	6	51/28/1		Abstandsscheibe	Distance disc
18	23 242 04 24 0	1	KFN		Aufhängung	Suspension
20	51 250 00 64 0	1		(Pos.20-24)	Fahrwerk-Motoranbau-Set	Trolley motor assembly set
21	...	1			Bundbuchse	Bushing
22	...	4	20/ 10/ 21		Buchse	Bushing
23	...	4	S8 vz		Sicherungsscheibe	Lock washer
24	...	4	M8 x 35 8.8 Zn	DIN 6912	Zyl. Schraube	Socket head cap screw
26	22 240 06 58 0	1			Führungsrollenanbau komplett	Guide roller attachment compl.
27	22 240 01 23 0	4			Puffer	Buffer
28	23 240 00 64 0	1		(Pos.12-15, 17)	Fahrwerk-Schrauben-Set	Trolley screw set

1) Flanschbreite

1) Flange width



KFK 32



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung	Designation
1	23 240 04 20 0	1	B80 (Pos.2+7)	Fahrwerkschild kompl.	Carriage side plate compl.
2	...	1		Fahrwerkschild	Carriage side plate
3	23 240 05 20 0	1	A80 (Pos.4+5)	Fahrwerkschild kompl.	Carriage side plate compl.
4	...	1		Fahrwerkschild	Carriage side plate
5	03 250 01 64 0	2	A80 (Pos.6+9)	Laufrolle-Set	Wheel set
6	...	2		Laufrolle	Wheel
7	03 250 00 64 0	2	B80 (Pos.8+9)	Laufrolle-Set	Wheel set
8	...	2		Laufrolle	Wheel
9	...	4	20x1,2 DIN 471	Sicherungsring	Locking ring
10	23 240 18 16 0	1	66 mm - 110 mm 1) (Pos.11-16)	Aufhängebolzen-Set	Suspension bolt set
	23 240 19 16 0	1	113 mm - 153 mm 1) (Pos.11-16)		
	23 240 20 16 0	1	155 mm - 192 mm 1) (Pos.11-16)		
	23 240 21 16 0	1	200 mm - 240 mm 1) (Pos.11-16)		
	23 240 22 16 0	1	260 mm - 300 mm 1) (Pos.11-16)		
	23 240 22 16 0	1	400 mm 1) (Pos.11-16)		
11	...	2		Aufhängebolzen	Suspension bolt
12	...	4	M27 ISO 4032	Skt-Mutter	Hexagonal nut
13	...	4	M27 DIN 7967	Sicherungsmutter	Locking nut
14	32 245 03 52 0	38	51/28/3	Scheibe	Spacer ring
15		4	50 / 41 / ..	Buchse	Bushing
		4	50 / 41 / 9,5	Buchse	Bushing
16	23 240 04 27 0	1	KFK32.20	Aufhängung	Suspension
	23 240 05 27 0	1	KFK32.30		
17	23 240 01 64 0	1	ST20 7x21,9 (Pos.18-21)	Fahrwerk-Kettentrieb-Set	Trolley chain drive set
	23 240 02 64 0	1	ST30 9x27 (Pos.18-21)		
18	...	1	ST..	Kettenrolle	Chain pulley
19	...	1		Achse	Axle
20	...	3	S30x42x2,5	Stützscheibe	Supporting ring
21	...	2	30x1,5 DIN 471	Sicherungsring	Locking ring
25	22 240 06 58 0	1		Führungsrollenanbau kompl.	Guide roller attachment compl.
26	23 240 00 19 0	1		Stützrolle kompl. (rechts)	guide roller compl. (right)
26a	23 240 01 19 0	1		Stützrolle kompl. (links)	guide roller compl. (left)
27	51 250 00 64 0	1	(Pos.28-31)	Fahrwerk-Motoranbau-Set	Trolley motor assembly set
28	...	1		Bundbuchse	Bushing
29	...	4	20/ 10/ 21	Buchse	Bushing
30	...	4	S8 vz	Sicherungsscheibe	Lock washer
31	...	4	M8 x 35 8.8 Zn DIN 6912	Zyl. Schraube	Socket head cap screw
33	22 240 02 23 0	2		Puffer	Buffer
34	23 240 00 64 0	1	(Pos.12-14,16)	Fahrwerk-Schrauben-Set	Trolley screw set

1) Flanschbreite

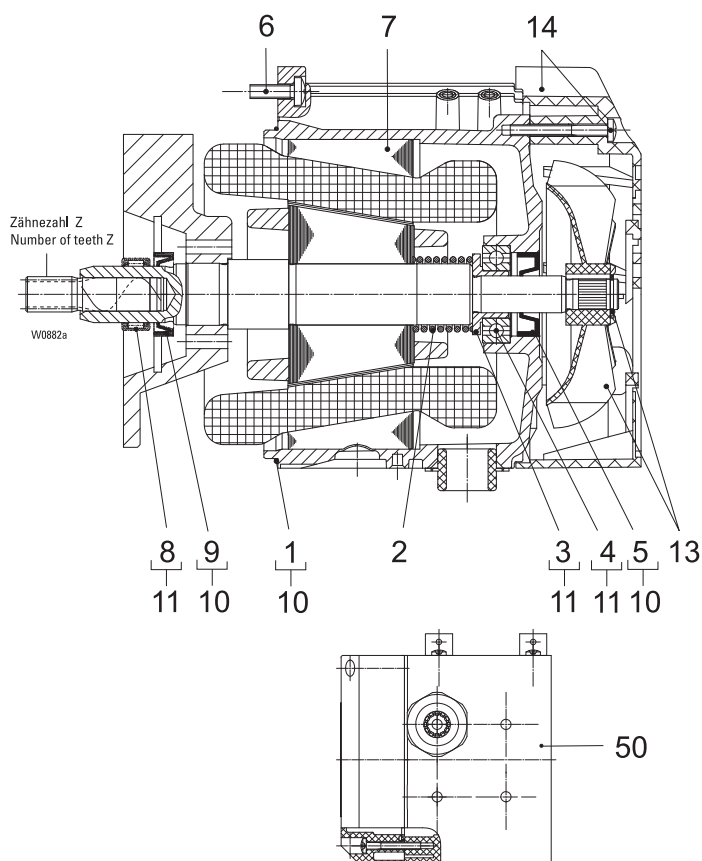
1) Flange width



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
Crane Systems

SU-A



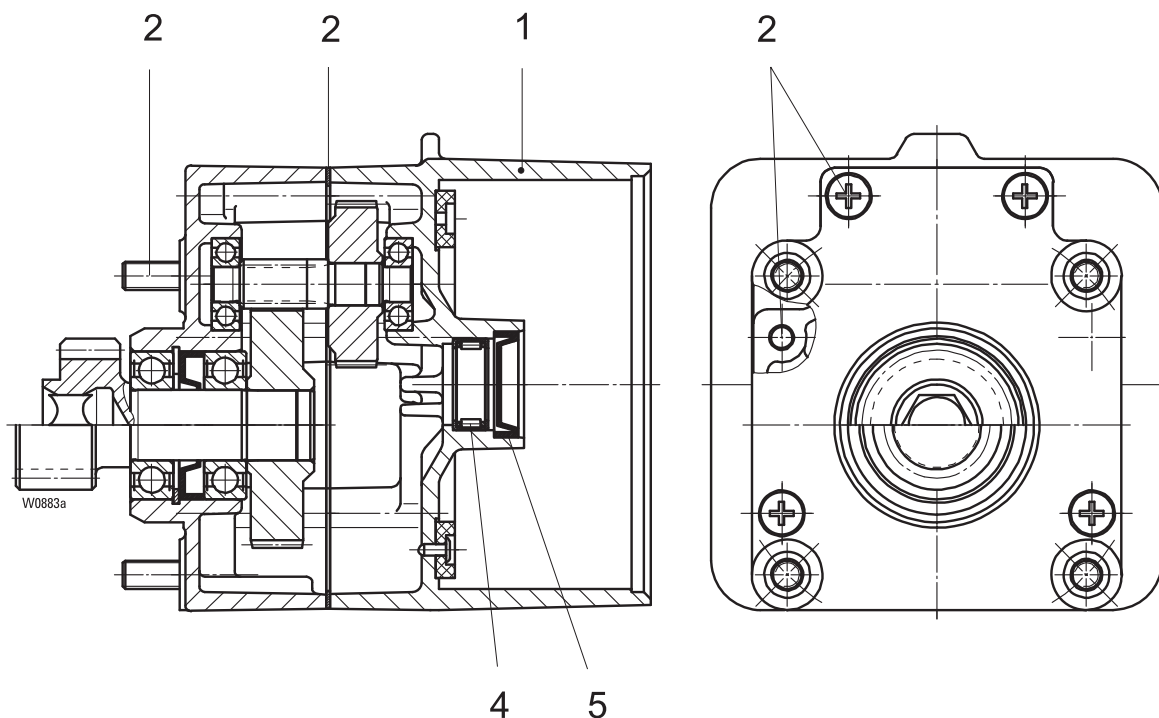
Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description	Benennung Designation
	34 330 66 11 9	1	2A04 S	1) (Pos.1-5) Z=11 Motor
	34 330 65 11 9	1	2A04 S	1) (Pos.1-5) Z=13 Motor
	34 330 64 11 9	1	2A04 S	1) (Pos.1-5) Z=15 Motor
	34 330 63 11 9	1	2A04 S	1) (Pos.1-5) Z=19 Motor
	34 330 73 11 9	1	2/8A04 S	1) (Pos.1-5) Z=11 Motor
	34 330 74 11 9	1	2/8A04 S	1) (Pos.1-5) Z=13 Motor
	34 330 72 11 9	1	2/8A04 S	1) (Pos.1-5) Z=15 Motor
	34 330 71 11 9	1	2/8A04 S	1) (Pos.1-5) Z=19 Motor
	34 330 69 11 9	1	4A04 S	1) (Pos.1-5) Z=13 Motor
	34 330 67 11 9	1	4A04 S	1) (Pos.1-5) Z=19 Motor
1	...	1	116x1,5	Runddichtring Round sealing ring
2	34 331 01 94 0	1		Druckfeder Pressure spring
3	...	1		Lagerbuchse Bushing
4	...	1	6003-2RS	Rillenkugellager Grooved ball bearing
5	...	1	13x30x8	Wellendichtring Shaft seal
6	...	4	5x16	Schraube Screw
7	...	1		Stator Stator
8	...	1		Nadelhülse Needle bush
9	...	1	20x30x7	Wellendichtring Shaft seal
10	34 330 00 64 0	1		Motor-Dichtung-Set Motor seal set
11	34 330 01 64 0	1		Motor-Lager-Set Motor bearing set
13	34 330 00 17 0	1		Lüfterrad-Set Fan wheel set
14	34 330 00 19 0	1		Lüfterhaube-Set Fan cawling set
50	14 320 11 91 0	1		Gerätekasten Terminal box

1) Bitte Betriebsspannung und Frequenz angeben

1) Please state operating voltage and frequency.



SU-A



Pos item	Teil-Nummer Part-Number	Stück Qty.	Beschreibung Description		Benennung	Designation
	51 250 12 29 0	1	SU-A 14 4. 110	(Pos.1,2)	Getriebe komplett	Gear complete
	51 250 13 29 0	1	SU-A 14 4. 108	(Pos.1,2)		
	51 250 14 29 0	1	SU-A 14 4. 106	(Pos.1,2)		
	51 250 15 29 0	1	SU-A 14 4. 104	(Pos.1,2)		
	51 250 34 29 0	1	SU-A 14 4. 222	(Pos.1,2)		
	51 250 35 29 0	1	SU-A 14 4. 220	(Pos.1,2)		
	51 250 36 29 0	1	SU-A 14 4. 218	(Pos.1,2)		
	51 250 37 29 0	1	SU-A 14 4. 216	(Pos.1,2)		
	51 250 38 29 0	1	SU-A 14 4. 214	(Pos.1,2)		
	51 250 39 29 0	1	SU-A 14 4. 212	(Pos.1,2)		
1	51 250 79 37 0	1	SU-A 14 4. 1..	(Pos.4+5)	Getriebegehäuse mit Brems- belag	Gear box with brake lining
	51 250 78 37 0	1	SU-S 14 4. 2..	(Pos.4+5)		
2	51 250 01 64 0	1			Getriebe-Dichtung-Set	Gear seal set
4		1	HK2010	1)	Nadelhülse	Needle bush
5		1	20x30x7	2)	Wellendichtring	Shaft seal

1) siehe Pos.11 Seite 24
2) siehe Pos.10 Seite 24

1) see pos.11 page 24
2) see pos.10 page 24



Originalteile
Original parts
ST20 / ST30 / STD30

STAHL
CraneSystems 





○ Tochtergesellschaften/Subsidiaries

Great Britain
Birmingham
Tel +44 121 7676400
Fax +44 121 7676485
info@stahlcranes.co.uk

Portugal
Lissabon
Tel +351 21 44471-60
Fax +351 21 44471-69
ferrometal@ferrometal.pt

Switzerland
Däniken
Tel +41 62 82513-80
Fax +41 62 82513-81
info@stahlcranes.ch

China
Shanghai
Tel +86 21 6257 2211
Fax +86 21 6254 1907
info@stahlcranes.cn

India
Chennai
Tel +91 44 4352-3955
Fax +91 44 4352-3957
indiasales@stahlcranes.in

Singapore
Singapore
Tel +65 6271 2220
Fax +65 6377 1555
sales@stahlcranes.sg

United Arab Emirates
Dubai
Tel +971 4 805-3700
Fax +971 4 805-3701
info@stahlcranes.ae

France
Paris
Tel +33 1 39985060
Fax +33 1 34111818
info@stahlcranes.fr

Italy
S. Colombano
Tel +39 0185 358391
Fax +39 0185 358219
info@stahlcranes.it

Spain
Madrid
Tel +34 91 484-0865
Fax +34 91 490-5143
info@stahlcranes.es

USA
Charleston, SC
Tel +1 843 767-1951
Fax +1 843 767-4366
sales@stahlcranes.us

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You will find the addresses of over 100 sales partners on the Internet at www.stahlcranes.com under Contact.

➔ www.stahlcranes.com

STAHL CraneSystems GmbH, Daimlerstr. 6, 74653 Künzelsau, Germany
Tel +49 7940 128-0, Fax +49 7940 55665, marketing@stahlcranes.com

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