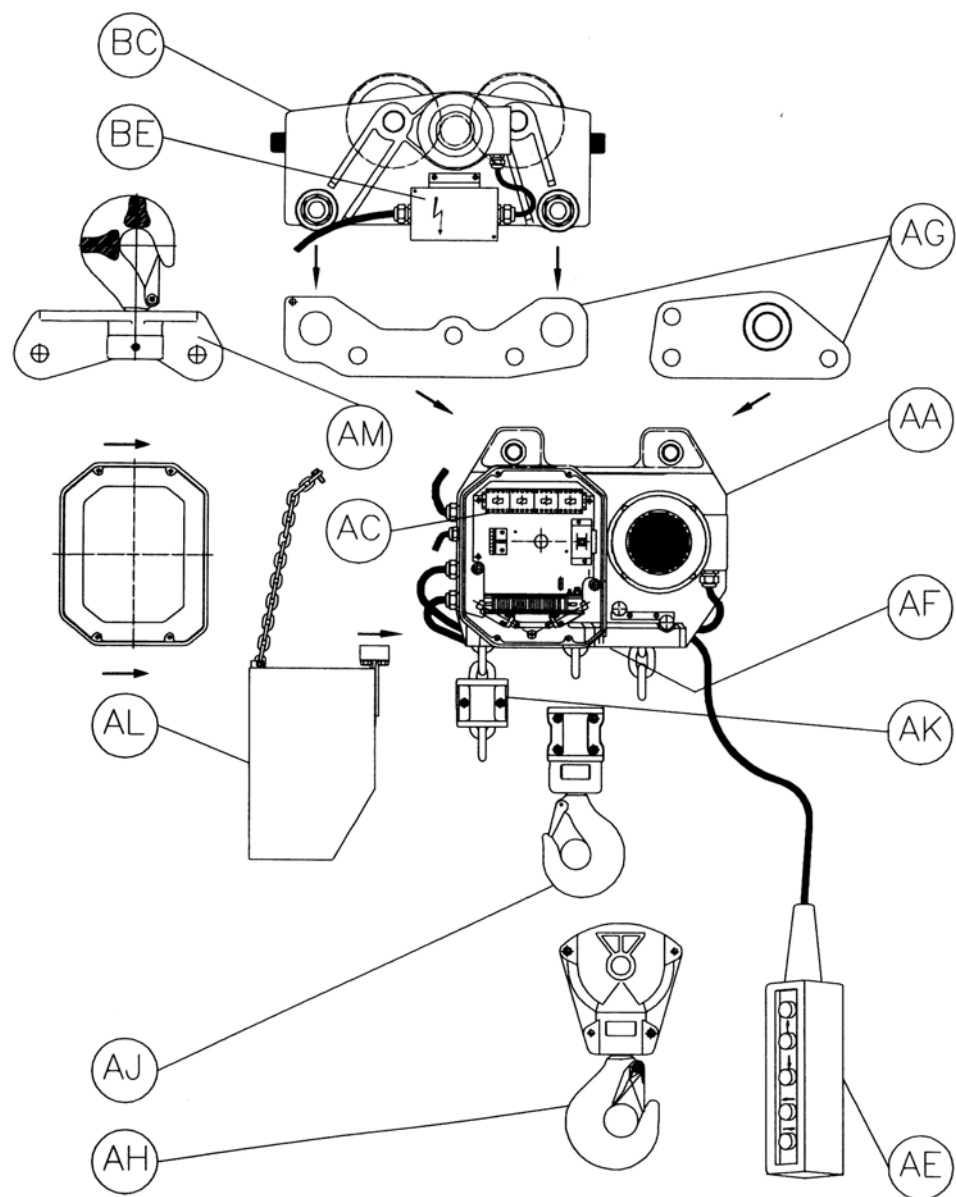


Electric chain hoist version 13

Spare part list	Description of spare part	Page
AA	Lifting gear section 01: hoist body	3
	Lifting gear section 02: clutch - brake	4
	Lifting gear section 03: motor section	5
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AC	Contactor control for the hoist	9
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AG	Suspension eye Version 01: single hole suspension	12
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BC	Motorised trolley	15
BE	Contactor control for electric trolley	16



Order form for spare parts

Customer number.: _____

Address: _____

Telephone: _____

Telefax: _____

Delivery date: _____

HOFFMANN Fördertechnik GmbH
Dresdener Straße 67/72
04808 Wurzen
Germany

Telefon: +49-34 25-89 24 – 0

Telefax: +49-34 25-89 24 – 99

E-Mail: sales@liftket.de

Number / meter	Order number	Designation	Version	Factory Number from electric chain hoist	Power supply	Cost per item	Cost total

Example for order

No.:	Number	Designation	Order- No.: B 13
1	1	Gear cover complete Consists from:	AA 01 01 2 00X 002/1 1 gear cover AA 01 01 0 00X 002/1 1 gasket AA 01 01 0 00X 039/0 18 hex. Sock. Cap screws M8x50 DIN 912 18 spring washer 8,1 DIN 7980 AA 01 01 3 00X 202/1

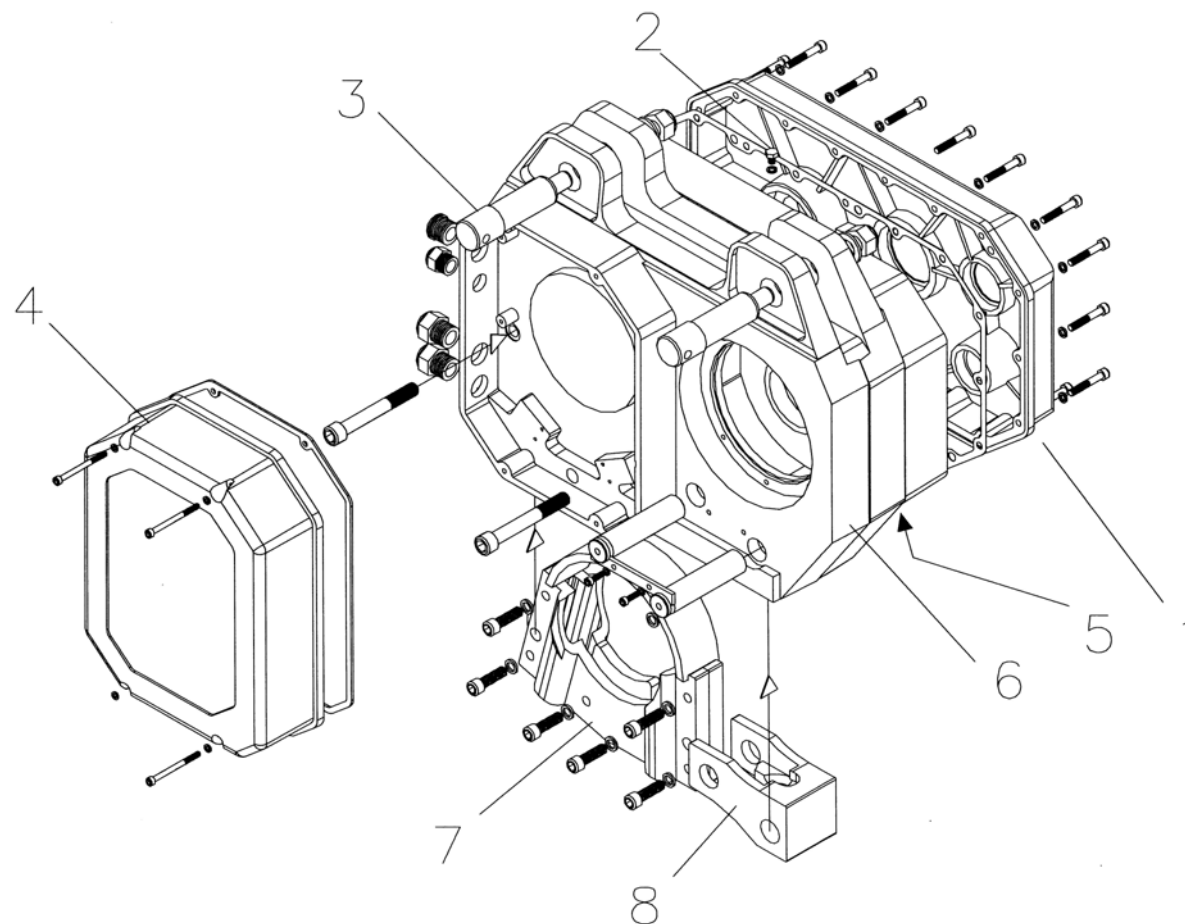
Order- No. **AA 01 01 2 00X 002/1** for gear cap complete (with gasket and fastening set)
 Order- No. **AA 01 01 0 00X 002/1** for gear cap
 Order- No. **AA 01 01 0 00X 039/0** for gasket
 Order- No. **AA 01 01 3 00X 202/1** for fastening set

Spare part list	Order- No.:	Designation	Version	Factory No. from electric chain hoist	Power supply	Cost per item	Cost total
AA	AA 01 01 0 00X 002/1	Gear cover	13	03332	400 V, 3 ph		

Spare part list AA – lifting gear version 13 section 01: hoist body

No.:	Number	Designation	Order- no.:
1	1	Gear cover complete consists from:	AA 01 01 2 00X 002/1 1 Gear cover AA 01 01 0 00X 002/1 1 Gasket AA 01 01 0 00X 039/0 18 Hex. sock. cap screws M8x50 DIN 912 18 Spring washers 8,1 DIN 7980 AA 01 01 3 00X 202/1
2	1	Oil filling screw consists from:	AA 01 01 3 00A 200/0 1 Hex. head screw M8x10 DIN 933 1 Toothed lock washer A8,2 DIN 6797 1 Sealing ring A8x12 DIN 7603
3	2	Bolt complete consists from:	AA 01 01 2 00X 065/1 1 Bolt 1 Washer 23 DIN 125 1 Hexagon nut M22x1,5 DIN 985
4	1	Cap for contactor control consists from:	AA 01 01 2 00X 005/0 1 Cap for contactor control AA 01 01 0 00X 005/0 1 Gasket AA 01 01 0 00X 038/0 4 Hex. sock. cap screws M6x75 DIN 912 4 Spring washers 6,4 DIN 7980 AA 01 01 3 00X 213/0
5	1	Oil draining screw consists from:	AA 01 01 3 00A 201/0 1 Hex. head screw M8x10 DIN 933 1 Sealing ring A8x12 DIN 7603
6	1	Hoist body complete consists from:	AA 01 01 2 00X 001/1 1 Hoist body AA 01 01 0 00X 001/1 1 Roller bearing AA 01 96 06208 RS000 1 Roller bearing AA 01 96 06004 00000 1 Cylindrical roller bearing AA 01 96 NI00 00206 1 Cylindrical roller bearing AA 01 96 NI000 00209 1 Roller bearing AA 01 96 06217 22000
7	1	Chain guide complete consists from:	AA 01 01 2 00X 008/0 2 Chain guides AA 01 01 0 00X 008/0 1 Middle bridge AA 01 01 0 00X 009/0 Hold down AA 01 01 0 00X 029/0 2 Hex. sock. cap screws M16x120 DIN 912 2 Sealing rings A 16 x 20 6 Hex. sock. cap screws M 12x40 DIN 912 6 Spring washers 12,2 DIN 7980 AA 01 01 3 00X 204/0

example for order: **AA 01 01 2 00X 008/0** chain guide and hold down incl. fastening set version 13



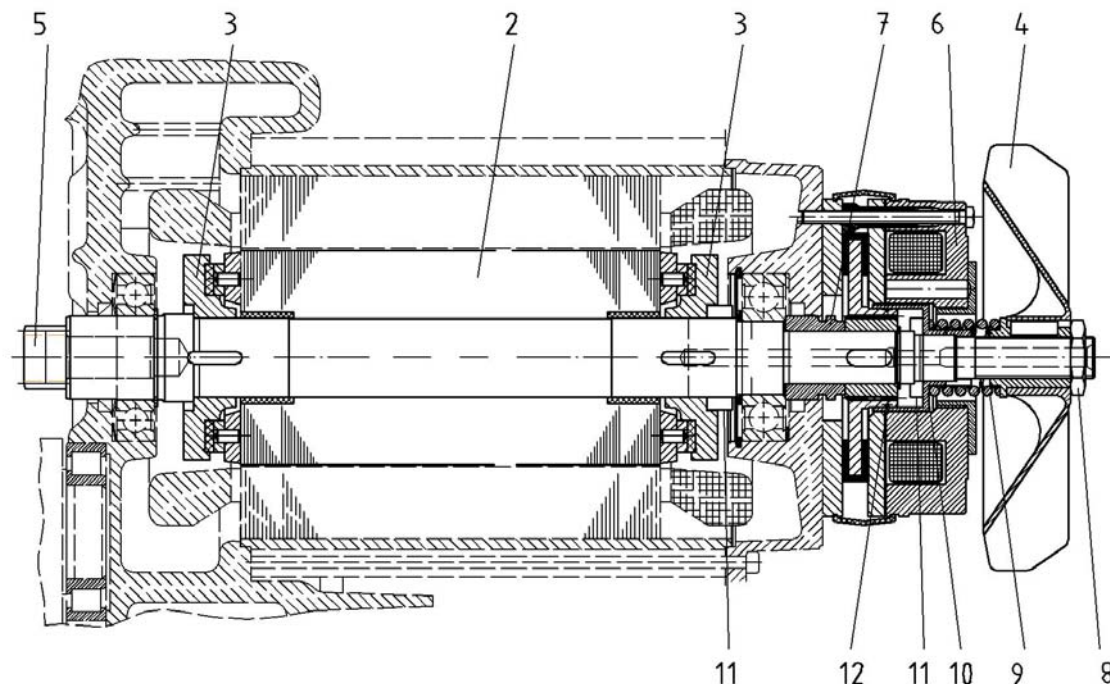
- No. 1 **Gear cover complete** consists from: gear cover, gasket, fastening set
 No. 2 **Oil filling screw**
 No. 3 **Bolt complete** consists from: bolt, washers, hexagon nuts
 No. 4 **Cap for contactor control** consists from: cap, gasket, fastening set
 No. 5 **Oil draining screw**
 No. 6 **Hoist body complete** consists from: hoist body, bearings
 No. 7 **Chain guide complete** consists from: chain guide, middle bridge, hold down, fastening set

Spare part list AA – lifting hoist version 13 section 02: clutch – brake

No.:	Num-ber	Designation Order-No.:	Bestell- Nr.: 4000/1-5,6/1,4 5000/1-5,6/1,4 8000/2-2,8/0,7 1000/2-2,8/0,7	Bestell- Nr.: 6300/1-5,6/1,4 12500/2-2,8/0,7
1	1	Brake – clutch section complete Pos. 2-11	AA 02 01 2 00X42 400/0	
2	1	Rotor complete consists from:	AA 02 01 2 00X42 004/0 1 Rotor 2 Bushes 38x44x25 4 Parallel pins A6m6x10 DIN 7	
3	2	Clutch hub complete consists from:	AA 02 01 2 00X42 021/0 1 Clutch hub AA 02 01 0 00X42 021/0 1 Clutch lining AA 02 01 0 00L 023/0 1 Clutch disc AA 02 01 0 00X42 019/0 1 Feather key B6x6x20 AA 02 23 B0606 00200	
4	1	Fan complete	AA 02 01 2 00X42 022/0 1 Fan 1 Feather key A8x7x22 1 Screw bush for fan	
5	1	Motor shaft complete consists from:	AA 02 01 2 00X42 002/0 1 Motor shaft AA 02 01 0 00X42 002/0 1 Motor pinion AA 02 01 0 00X42 003/1	
6	1	Brake complete with dust protection	AA 02 0 55 6ZFB0 43SO0 1 Brake disc with 2 glued brake linings AA 02 55 6ZFB0 40000 1 Brake 1 Feather key B6x6x20	
7	1	Distance tubes	AA 02 01 2 00X42 014/0 1 Distance tubes AA 02 01 2 00X42 014/0 1 Retaining ring 25 DIN 471 AA 02 64 00471 00025	
8	1	Nylock	AA 02 57 00936 20105	
9	1	Spring	AA 02 23 00500 032V2A AA 02 23 00500 032000	
10	1	Pressure bush	AA 02 01 0 00X42 023/1	
11	1	Pressure bolt complete consists from:	AA 02 01 2 00X42 026/0 1 Pressure bolt AA 02 01 0 00X42 026/0 1 Pressure piece 1 AA 02 01 0 00X42 024/0 1 Pressure piece 2 AA 02 01 0 00X42 025/0 1 O- ring 6x1 AA 02 64 03601 00601	
12	1	O-ring	AA 02 64 03601 04315 O-Ring 43 x 1,5 DIN 3601	

Example for order: AA 02 01 2 00X42 022/0 fan complete – version 13

If components for the motor or brake are ordered please provide voltage, frequency, output, number of phases on the hoist type plate!



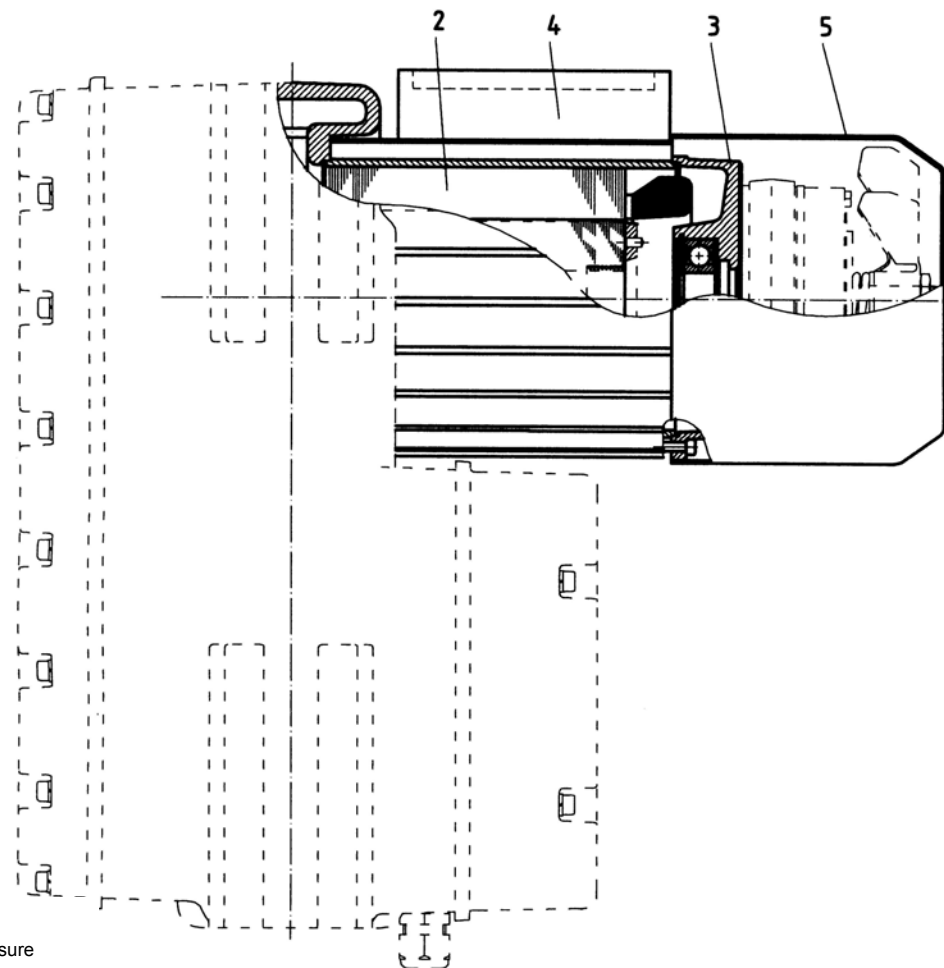
- No. 1 **Brake – clutch section complete** Pos. 2-11
 No. 2 **Rotor complete** consists from: rotor, bushes, parallel pins
 No. 3 **Clutch hub complete** consists from: clutch hub, clutch lining, clutch disc, feather key
 No. 4 **Fan complete** consists from: fan, feather key, screw bush for fan
 No. 5 **Motor shaft complete** consists from: motor shaft, motor pinion (If components for the motor shaft are ordered please see to spare part list AA section 04: gear section!)
 No. 6 **Brake complete** consists from: brake disc with glued brake linings, brake with dust protection, feather key
 No. 7 **Distance tubes** consists from: distance tubes, retaining ring
 No. 8 **Nylock**
 No. 9 **Spring**
 No. 10 **Pressure bush**
 No. 11 **Pressure bolt complete** consists from: pressure bolt, pressure piece 1, pressure piece 2
 No. 12 **O-ring**

Spare part list AA – lifting hoist version 13 section 03: motor section

No.:	Number	Designation	Order-No.:
1	1	Stator complete Pos. 2-5	AA 03 01 3 00X42 219/0
2	1	Stator	AA 03 55 11200 M4001 1 Flange body with stator and 6 headed screws with toothed lock washers 2 pressure pieces for headed screws with toothed lock washer AA 03 01 0 00X42 027/0
3	1	Bearing plate complete consists from:	AA 03 01 3 00X42 220/0 1 B-bearing plate 1 Roller bearing 6307 2RS 1 Shim ring 1 Retaining ring 1 Washer for support
4	1	Connecting box complete consists from:	AA 03 01 2 00X42 039/0 1 Connecting box 1 Gasket Fastening set
5	1	Cap for fan complete consists from:	AA 03 01 3 00X42 221/0 1 Cap with fastening set

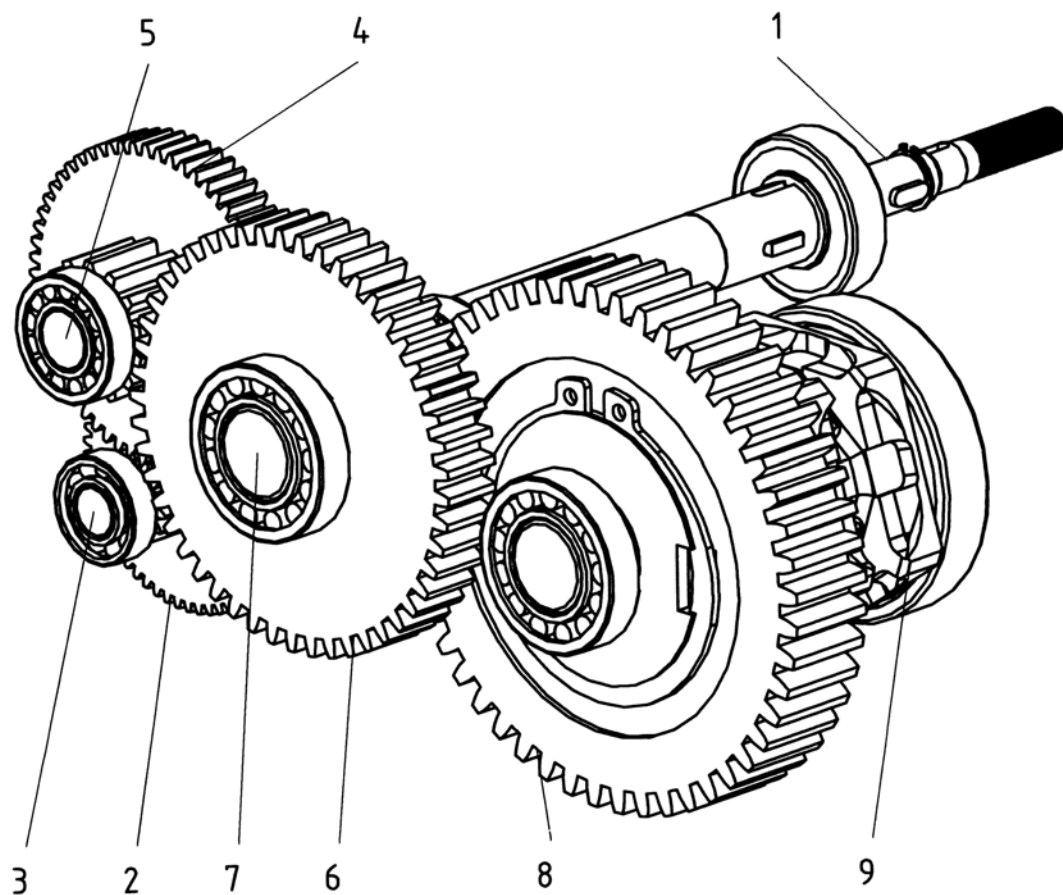
Example for Order: AA 02 01 3 00X42 221/0 cap for fan complete – version 13

- No. 1 **Stator complete** Pos. 2-5
 No. 2 **Stator** consists from: flange body with stator, headed screws with toothed lock washers, pressure piece for headed screws with toothed lock washer
 No. 3 **Bearing plate complete** consists from: B-bearing plate, roller bearing, shim ring, retaining ring, washer for support
 No. 4 **Connecting box complete** consists from: connecting box, gasket, fastening set
 No. 5 **Cap for fan complete** consists from: cap with fastening set



If components for the motor or brake are ordered please provide voltage, frequency, output, number of phases on the hoist type plate!

Spare part list AA – lifting hoist version 13 section 04: gear section



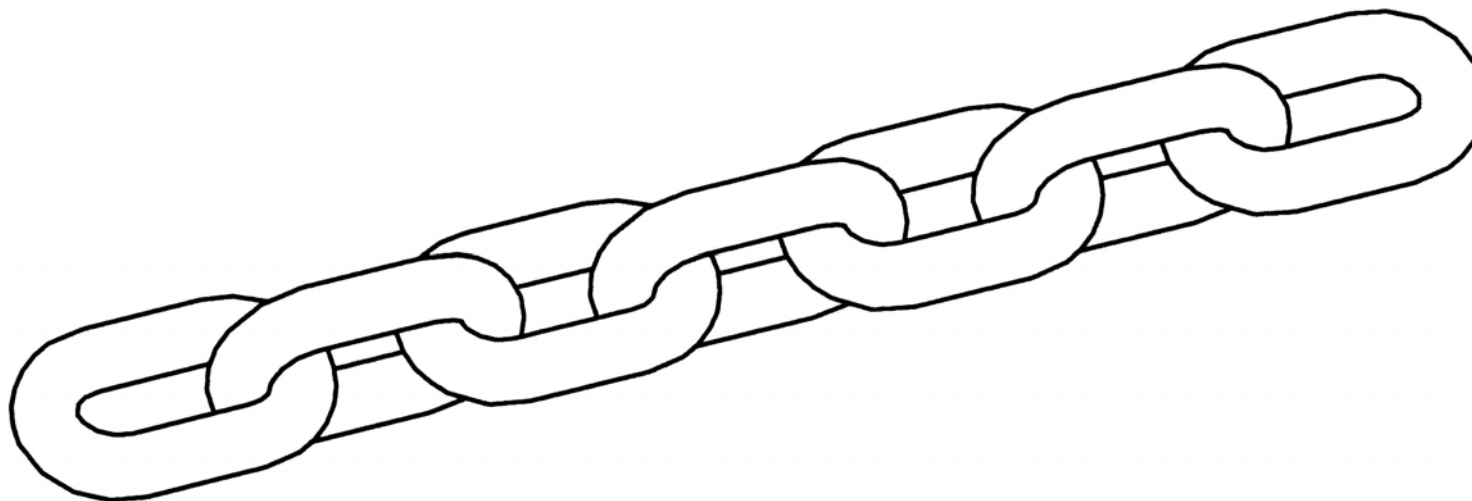
- No. 1 **Motor pinion complete** consists from: motor pinion, motor pinion shaft, feather key, shaft seal, roller bearing, compensate washer for roller bearing, washer for support, shim ring
- No. 2 **Wheel II complete** consists from: wheel II, feather key, shim ring
- No. 3 **Pinion shaft III complete** consists from: pinion shaft III, feather key, shim ring, roller bearing
- No. 4 **Wheel IV complete** consists from: connecting box, gasket, fastening set
- No. 5 **Pinion shaft V complete** consists from: pinion shaft V, shim ring, feather key, roller bearing
- No. 6 **Wheel VI complete** consists from: wheel VI, distance washer, feather key
- No. 7 **Pinion shaft VII complete** consists from: Pinion shaft VII, distance washer, feather key, roller bearing
- No. 8 **Wheel VIII complete** consists from: wheel VII, shim ring, feather key
- No. 9 **Sprocket wheel complete** consists from: sprocket wheel with shaft seal, feather key, shim ring, roller bearing

No.:	Number	Designation	Order-No.:
1	1	Motor pinion complete consists from:	AA 04 01 2 00X42 001/0 1 Motor pinion 1 Motor pinion shaft <i>AA 04 01 2 00X42 002/0</i> 1 Feather key A8x7x22 <i>AA 04 23 A0807 00220</i> 2 Feather key B6x6x20 <i>AA 04 23 B0606 00200</i> 1 Retaining ring 40 DIN 471 <i>AA 04 64 00471 00040</i> 1 Shaft seal A40x52x7 <i>AA 04 64 10040 05207</i> 1 Roller bearing 6307 2RS <i>AA 04 96 06307 2RS00</i> 1 Washer for support <i>AA 04 70 00988 35025</i> 1 Roller bearing 6208 RS with compensate washer for roller bearing 71x79x0,6x3,6 <i>AA 04 96 06208 RS000</i>
2	1	Wheel II complete consists from:	AA 04 01 2 00X 012/1 1 Wheel II <i>AA 04 01 0 00X 012/1</i> 1 Shim ring 20x1 DIN 988 <i>AA 04 70 00988 20010</i> 1 Feather key B8x7x16 <i>AA 04 23 B0807 00160</i>
3	1	Pinion shaft III complete consists from:	AA 04 01 2 00X 011/1 1 Pinion shaft III <i>AA 04 01 0 00X 011/1</i> 1 Shim ring 20x1 DIN 988 <i>AA 04 70 00988 20010</i> 1 Feather key B8x7x16 <i>AA 04 23 B0807 00160</i> 1 Roller bearing 6004 <i>AA 04 96 06004 00000</i> 1 Roller bearing 6205 <i>AA 04 96 06205 00000</i>
4	1	Wheel IV complete consists from:	AA 04 01 2 00X 027/1 1 Wheel IV <i>AA 04 01 0 00X 027/1</i> 1 Shim ring 50 DIN 471 <i>AA 04 64 00471 00050</i> 1 Feather key B14x9x20 <i>AA 04 23 B1409 00200</i>
5	1	Pinion shaft V complete consists from:	AA 04 01 2 00X 025/1 1 Pinion shaft V <i>AA 04 01 0 00X 025/1</i> 1 Shim ring 50 DIN 471 <i>AA 04 64 00471 00050</i> 1 Feather key B14x9x20 <i>AA 04 23 B1409 00020</i> 2 cylindrical roller bearing NJ 206 <i>AA 04 96 N1000 00206</i>
6	1	Wheel VI complete consists from:	AA 04 01 2 00X 028/1 1 Wheel VI <i>AA 04 01 0 00X 028/1</i> 1 Distance washer <i>AA 04 01 0 00X 015/0</i> 2 Feather key B20x12x28 <i>AA 04 23 B2012 00280</i>

No.:	Number	Designation	Order-No.:
7	1	Pinion shaft VII complete consists from:	AA 04 01 2 00X 013/1 1 Pinion shaft VII <i>AA 04 01 0 00X 013/1</i> 1 Distance washer <i>AA 04 01 0 00X 015/0</i> 2 Feather key B20x12x28 <i>AA 04 23 B2012 00280</i> 2 cylindrical roller bearing NJ 209 <i>AA 04 96 N1000 00209</i>
8	1	Wheel VIII complete consists from:	AA 04 01 2 00X 014/1 1 Wheel VII <i>AA 04 01 0 00X 014/1</i> 1 Retaining ring 130 DIN 471 <i>AA 04 64 00471 00130</i> 1 Feather key B32x18x45 <i>AA 04 23 B3218 00450</i>
9	1	Sprocket wheel complete consists from:	AA 04 01 2 00X 026/2 1 Sprocket wheel with 1 shaft seal <i>AA 04 01 0 00X 026/2</i> <i>AA 04 64 10135 17012</i> 1 Feather key B32x18x45 DIN 6885 <i>AA 04 23 B3218 00450</i> 1 Shim ring 130 DIN 471 <i>AA 04 64 00471 00130</i> 1 cylindrical roller bearing NJ 209 <i>AA 04 96 N1000 00209</i> 1 Roller bearing 6217 – 2Z <i>AA 04 96 06217 2Z000</i>

Example for order: AA 04 01 2 00X 012/1 Wheel II complete - version 13

Spare part list AA – lifting hoist version 13 section 05: chain section



per meter	chain	DIN 5684 grade 80 zinc plated Max. stress 210 N/mm ²	Order-No.:
	16 x 45		AA 05 1 47 16045 00003

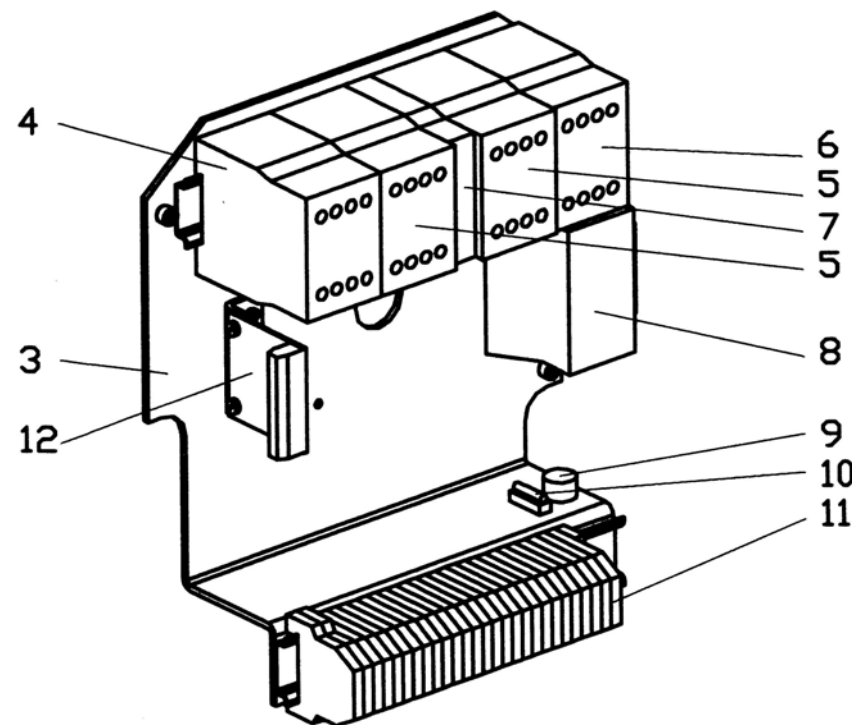
Example for order: 3 m **AA 05 1 47 16045 00003** 3 m chain 16 x 45 for version 13

If the chain is going to be changed we recommend to change the chain guide and the hold down too (spare part list AA – lifting gear section 01: hoist body part No.:7

Spare part list AC – contactor control for the hoist

No.:	Number	Designation	Order- No.:
1	1	Contactor control with emergency stop complete (without cap) Consists from:	AC 01 11 2 00X 000/0 Pos. 3-13
2	1	Contactor control without emergency stop complete (without cap) Consists from:	AC 01 11 2 10X 000/0 Pos. 3, 5-13
3	1	Basic plate with assembly rail and fastening set Consists from:	AC 01 11 2 00X 001/0 1 Basic plate for contactor control with assembly rail and fastening set complete 3 Hex. socket cap screws M5x12 DIN 912 3 Toothed lock washers A 5,3
4	1	Main contactor K1	AC 01 74 3LC1D 18024
5	2	Contactor for lifting motion K2, K3	AC 01 74 3LC1D 18024
6	1	Contactor for second lifting speed K4	AC 01 74 3LC1D 12024
7	1	Interlock K2, K3	AC 01 74 3LA9D 09020
8	1	Transformer	AC 01 88 00400 EI024 1 Transformer 2 Hex. socket cap screws M4x10 DIN 84 2 Washers 4,3 DIN 125
9	1	Primary fuse complete	AC 01 20 00060 00080 Fuse holder AC 01 20 00060 00082 Fuse
10	1	Secondary fuse complete	AC 01 20 00060 00081 Fuse holder AC 01 20 00060 00082 Fuse 1 Hex. socket cap screws 3x12 DIN 84
11	1	Terminal blocks	Conductor ground terminal block AC 01 20 02640 07370 Conductor through block AC 01 20 02640 07110 End plate AC 01 20 02640 03690
12	1	Rectifier complete Consists from:	AC 01 11 2 00X 018/0 1 rectifier plate complete AC 01 20 00040 00040 1 Holding device for rectifier AC 01 11 0 00X 018/0 Fastening set

Example for Order: **AC 01 74 3LC1D 18024** Contactor for lifting motion



- No. 2 **Contactor control without emergency stop complete**
 No. 3 **Basic plate with assembly rail and fastening set** consists from: basic plate for contactor control with assembly rail and fastening set complete, screws, toothed lock washers
 No. 4 **Main contactor K1**
 No. 5 **Contactor for lifting motion K2, K3**
 No. 6 **Contactor for second lifting speed K4**
 No. 7 **Interlock K2, K3**
 No. 8 **Transformer**
 No. 9 **Primary fuse complete** consists from: fuse holder, fuse
 No. 10 **Secondary fuse complete** consists from: fuse holder, fuse, screw
 No. 11 **Terminal blocks**
 No. 12 **Rectifier complete** consists from: rectifier plate complete, holding device for rectifier, fastening set

If components for the contactor control ordered please provide voltage, frequency, output, number of phases on the hoist type plate and the voltage on the contactor control!

Spare part list AE – Pendant control for the lifting gear contactor control version 13

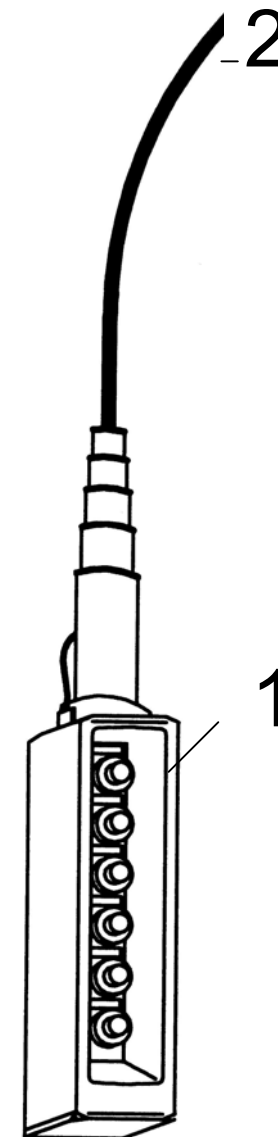
Order No. pedant control (1)	Number of button	Function of buttons			Control cable (2)	Order No.:
AE 01 81 A0200 00000	2	Lifting / lowering Two step button			5G1,5	AE 01 45 0H070 05G15
AE 01 81 A0200 000NH	3	Lifting / lowering Two step button		with emer- gency stop	7x1,5	AE 01 45 0YMH0 07015
AE 01 81 A0202 00000	4	Lifting / lowering Two step button	Travelling left / right Two step button		12G1,5	AE 01 45 0H070 12G15
AE 01 81 A0202 000NH	5	Lifting / lowering Two step button	Travelling left / right Two step button	with emer- gency stop	12G1,5	AE 01 45 0H070 12G15

Spare parts for a./m. control pendants

Order No.	Function of buttons	
AE 01 81 XEN0G 01191	Contact block	2 speeds (lifting or travelling)
AE 01 81 ZB2BE 00102		Emergency stop
AE 01 81 ZA2BS 00044	Emergency stop button	
AE 01 81 XAC0A 09411	Rubber on button	white
AE 01 81 XAC0A 09412		black

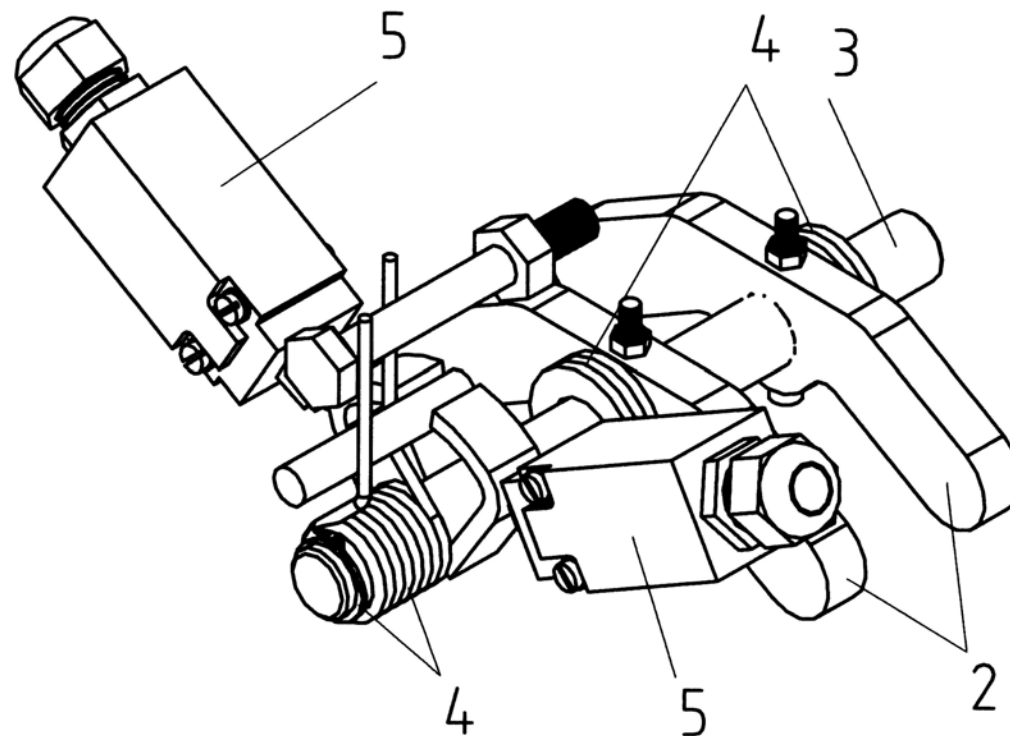
Example for order: **AE 01 81 A0200 000NH** pendant control for lifting / lowering two step button with emergency stop

Caused by changed wiring diagrams within the last years pendant controls which are delivered as spare parts are not wired inside. If ordered with control cable they will be wired a new wiring diagram is added to the delivery.



Spare part list AF – electric limit switch

No.:	Number	Designation	Order-No.:
1	1	Section electric limit switch complete consists from:	AF 01 46 2 00X 000/0 Pos. 2-5
2	2	Lever for limit switch for lifting and lowering	AF 01 01 2 00X 022/0 1 Lever for limit switch for lifting and lowering <i>AF 01 01 0 00X 022/0</i> 1 Hex.socket cap screw M5x45 DIN 912 <i>AF 01 72 00912 05045</i> 1 Self locking hex. nut M 5 DIN 985 <i>AF 01 57 00985 00005</i>
3	1	Axle for limit switch	AF 01 01 2 00X 017/0 Weldment
4	1	Fastening set	1 Torsion spring <i>AF 01 01 0 00X 023/0</i> 1 Retaining ring 18 DIN 471 <i>AF 01 64 00471 00018</i> 1 O- ring <i>AF 01 64 03601 01203</i> 6 washers <i>AF 01 70 00125 01900</i> 1 Hexagon head bolts M10x80 DIN 931 <i>AF 01 72 00931 10080</i> 1 Hexagon nut M10 DIN 934 <i>AF 01 57 00934 00010</i>
5	2	Electrical switch complete	AF 01 01 3 00X 217/0 1 Switch 2 Screws M4x30 DIN 84 2 Toothed lock washers A4,3 DIN 6797



- No. 1 **Section electric limit switch complete** consists from: Pos. 2-5
 No. 2 **Lever for limit switch for lifting and lowering** consists from: lever for limit switch for lifting and lowering, screws, hexagon nut
 No. 3 **Lever for limit switch**
 No. 4 **Fastening set**
 No. 5 **Electrical switch complete** consists from: electrical switch, screws, toothed lock washers

Bestell-Beispiel: **AF 01 01 0 00X 023/0** Schenkelfeder für Endabschaltung B13

Spare part list AG – suspension eye

Version 01: single hole eye

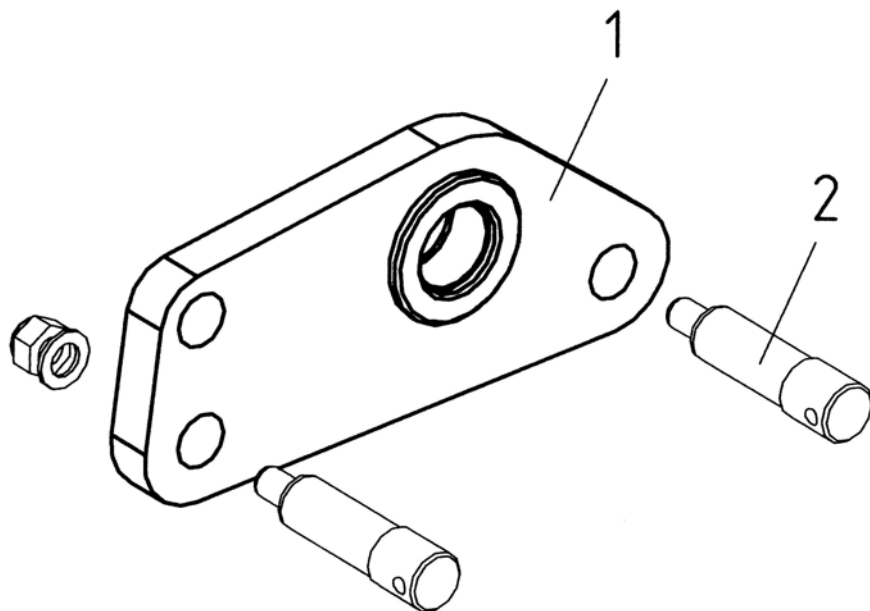


figure 1: single hole suspension eye

single hole suspension eye

No.:	Number	Designation	For chain 16x45 capacity max. 12500kg for version 13/00X
1	1	Single hole suspension eye	AG 01 55 2 00X 002/0
2	2	Bolt complete consists from:	AG 01 01 2 00X 065/1 1 Bolt 1 Washer 23 DIN 125 1 Hexagon nut M22x1,5 DIN 985

Example for order: **55 0 00X 001/0** for double hole suspension eye – chain 16x45 - capacity 12500 kg

Version 02: double hole eye

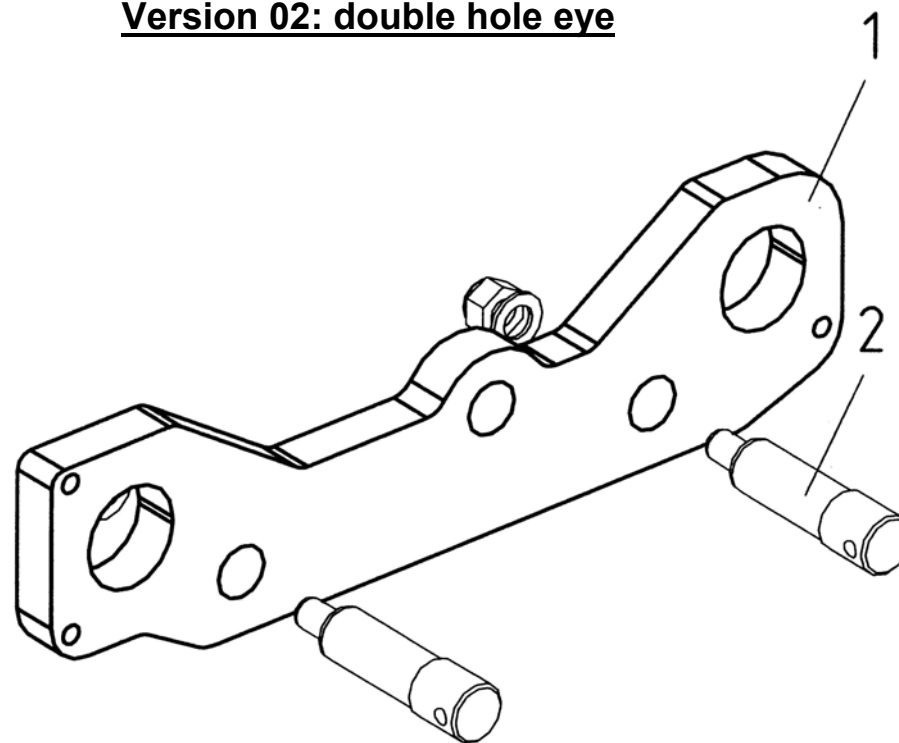
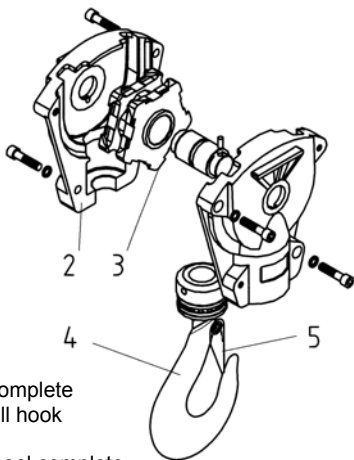


figure 2: double hole suspension eye

double hole suspension eye

No.:	Number	Designation	For chain 16x45 capacity max. 12500kg for version 13/00X
2	1	Double hole suspension eye	AG 02 55 0 00X 001/0
2	2	Bolt complete consists from:	AG 01 01 2 00X 065/1 1 Bolt 1 Washer 23 DIN 125 1 hexagon nut M22x1,5 DIN 985

Spare part list AH – double fall hook

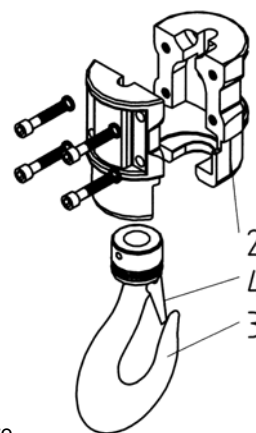


- No. 1 Double fall hook complete
- No. 2 Body for double fall hook complete
- No. 3 Chain sprocket wheel complete
- No. 4 Load hook complete
- No. 5 Safety latch

No.	Number	Designation	For chain 16x45 capacity max. 12500kg for version 13/00X
1	1	Double fall hook complete consists from:	AH 01 20 2 00X 000/0 Pos. 1-4
2	1	Body for double fall hook complete consists from:	AH 01 20 0 00X 001/0 2 Body for double fall hook 4 hex.socket cap screws M12x50 DIN 912 4 Spring ring 12,2 DIN 7980
3	1	Chain sprocket wheel complete Consists from:	AH 01 20 2 00X 005/2 1 Chain sprocket wheel AH 01 20 0 00X 005/2 1 Bolt AH 01 20 0 00X 007/0 2 Parallel pins 8x20 AH 01 83 00007 08020 2 DX – bearing 40x50x30 20 01 14 3DX45 50030 2 Shim rings 40x1,5 DIN 988 AH 01 70 00988 40015
4	1	Load hook complete Consists from:	AH 01 20 2 00X 002/0 1 Load hook 1 Hook nut 1 Support washer 1 Axial-roller bearing 1 Split pin 1 Safety latch 1 Torsion spring
5	1	Safety latch consists from:	AH 01 20 3 00X 200/0 1 Safety latch 1 Torsion spring 1 Rivet

Example for order: **AH 01 20 0 00X 001/0** for body for double fall hook complete

Spare part list AJ – single fall hook

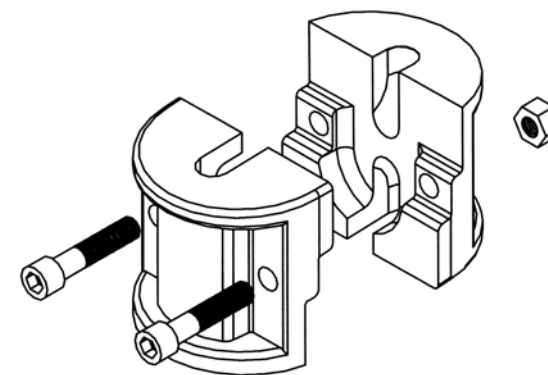


- No. 1 Single fall hook complete
- No. 2 Load hook bodies complete
consists from: load hook body,
cap for load hook body
- No. 3 Load hook complete
- No. 4 Safety latch

No.	Number	Designation	For chain 16x45 capacity max. 6300kg for version 13/00X
1	1	Single fall hook complete consists from:	AJ 01 15 2 00X 000/0 Pos. 2-3
2	1	Load hook bodies complete consists from:	AJ 01 15 2 00X 001/0 1 Load hook body AJ 01 15 0 00X 001/0 1 Cap for load hook body AJ 01 15 0 00X 012/0 4 Hex.socket cap screws M12x60 DIN 912 AJ 01 72 00912 12060 4 Spring ring 12,2 DIN 7980 AJ 01 64 07980 00012
3	1	Load hook complete Consists from:	AH 01 15 2 00X 002/0 1 Load hook 1 Safety latch 1 Spring 1 Hook nut 1 Support washer 1 Axial-roller bearing 1 Split pin 1 Torsion spring
4	1	Safety latch consists from:	AH 01 20 2 00R 003/0 1 Safety latch 1 Spring 1 Rivet 6x35 DIN 6791 produced till 2000 AM 01 20 3 00X 200/0 1 Safety latch 1 Torsion spring 1 Rivet produced from 2000

Example for order: **AH 01 15 2 00X 001/0** for load hook bodies complete for single fall hook version 13/00X

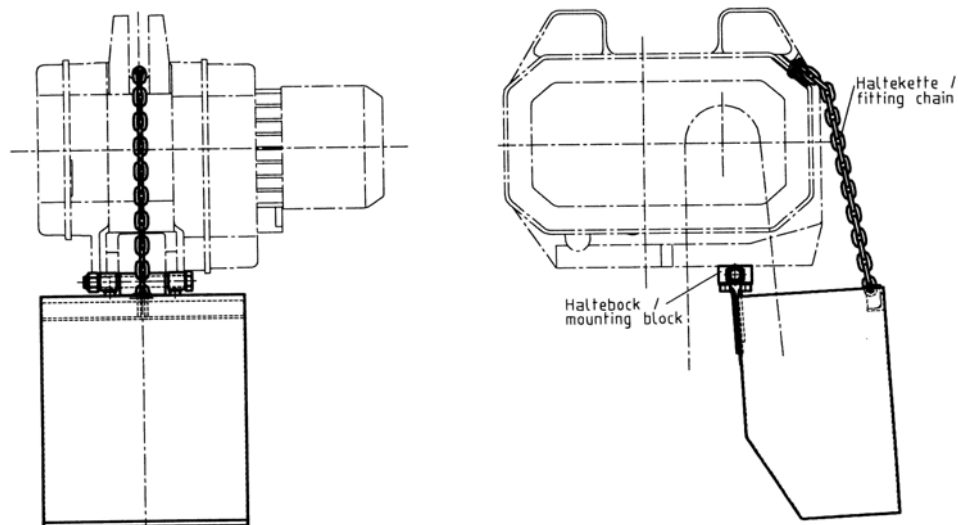
Spare part list AK – dead end stopper



No.	Number	Designation	Order-No.: For chain 16x45- Version 13/00X
1	1	Dead end stopper complete Consists from:	AK 01 01 2 00X 010/1 2 Two halves of dead end stopper AK 01 01 0 00X 010/0 2 Hex. socket cap screws M12x55 DIN 912 AK 01 72 00912 12055 2 Hex. nut M12 DIN 985 AK 01 57 00985 00012

Example for order: **AK 01 01 2 00X 010/0** dead end stopper complete for chain 16x45

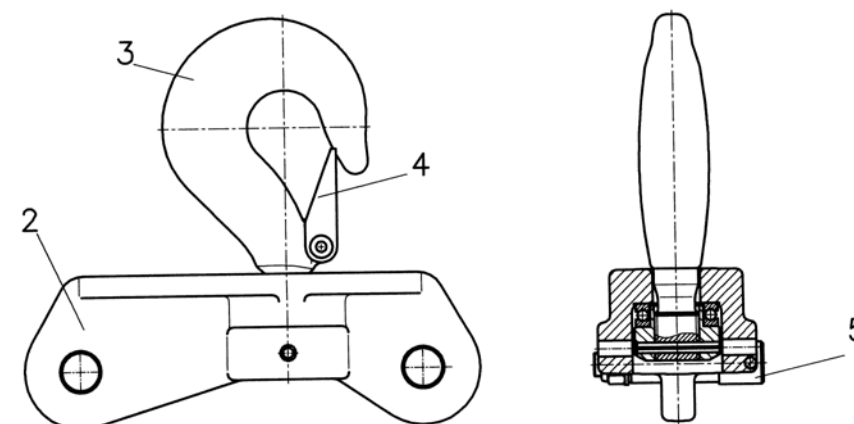
Spare part list AL – chain collector



Chain collector - type	Max. contents of suitable chain dimensions	Chain collector complete	Chain mantle - weldment Chain mantle with suspension and mounting link	Component parts to attach the chain collector
16/10	10 m	AL 01 30 2 10X 000/0	AL 01 30 2 10X 001/0	1 Mounting block AL 01 30 0 10X 009/0 1 Fitting chain approx 40 cm long AL 01 47 07022 00002
16/16	16 m	AL 01 30 2 20X 000/0	AL 01 30 2 20X 001/0	1 Hex. head screw M8x30 AL 01 72 00933 08030
16/25	25 m	AL 01 30 2 30X 000/0	AL 01 30 2 30X 001/0	1 Washer 8,4 DIN 125 AL 01 70 00125 00804
16/40	40 m	AL 01 30 2 40X 000/0	AL 01 30 2 40X 001/0	4 Hex. sock. cap screw M12 x 55 AL 01 72 00912 12055
16/50	50 m	AL 01 30 2 50X 000/0	AL 01 30 2 50X 001/0	4 Spring washer 12,2 DIN 7980 AL 01 64 07980 00012 1 Hex. head screw M8x35 AL 01 72 00931 08035
				1 Hex. nut M8 DIN 985 AL 01 57 00985 00008 1 Hex. head screw M20x180 AL 01 72 00931 20180 1 Hex. nut M20 DIN 985 AL 01 57 00985 00020

Example for order: **AL 01 30 2 10X 001/0** chain collector 16/10 for 10 m chain 16x45

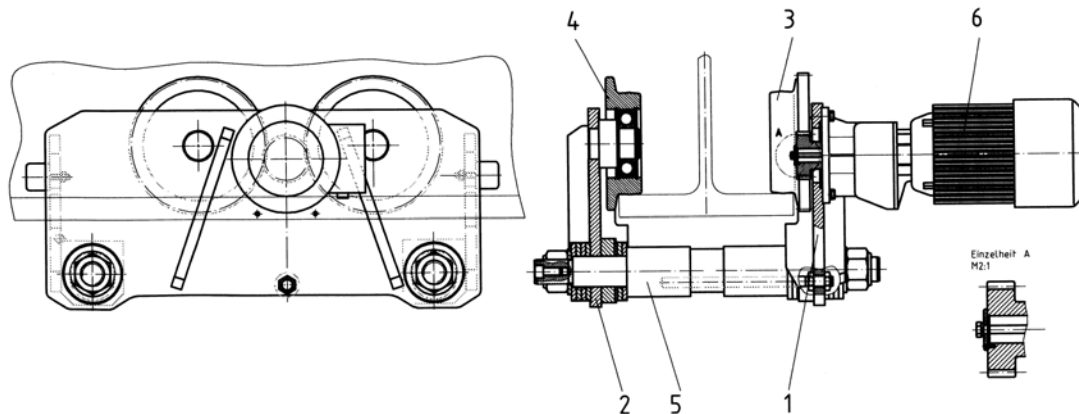
Spare part list AM – hook suspension



- Nr. 1
Nr. 2 **Traverse**
Nr. 3 **Load hook complete** consists from: load hook, hook nut, safety latch, axial- roller bearing, split pin, safety latch, torsion spring, rivet
Nr. 4 **Safety latch** consists from: safety latch, torsion spring, rivet
Nr. 5 **Bolt complete** consists from: bolt, washers, hexagonal nuts

No.:	Number	Designation	Order- No.: for chain 16x45- version 13/00X
1	1	Hook suspension complete Consists from:	AM 01 56 2 00X 000/0 1 Traverse 1 Load hook with safety latch 1 Hook nut 1 Axial- roller bearing 1 Split pin 2 Bolts
2	1	Traverse	AM 01 56 2 00X 001/0
3	1	Load hook complete Consists from:	AM 01 56 2 00X 002/0 1 Load hook 1 Hook nut 1 Axial- roller bearing 1 Split pin 1 Safety latch 1 Torsion spring 1 Rivet
4	1	Safety latch	AM 01 20 3 00X 200/0 1 Safety latch 1 Torsion spring 1 Rivet
5	2	Bolt complete	AA 01 01 2 00X 065/1 1 Bolt 1 Washer 23 DIN 125 1 Hex. nut M22x1,5 DIN 985

Spare part list BC – motorised trolley



Suspension eye will not be include in any trolley deliveries (see spare part list AG – suspension eye)

- No. 1 **Motor side plate complete** consists from: side plate with protection against wheel destruction, 2 bolts for wheels, assembled rubber stop, rod with fastening set
- No. 2 **Side plate (ungeared) complete** consists from: side plate with protection against wheel destruction, 2 bolts for wheels,
- No. 3 **Geared wheel complete** consists from: wheel, roller bearing, retaining ring
- No. 4 **Ungeared wheel complete** consists from: wheel, roller bearing, retaining ring
- No. 5 **Suspension bolt complete** consists from: suspension bolt, 2 distance tubes, distance washers, 2 washers for nylocks, 2 nylocks
- No. 6 **Trolley motor complete** consists from: motor with brake unit, rectifier and fastening set, pinion, end washer and fastening set

No.:	Number	Designation	Order- No.: capacity 12500 kg for version 13/00X, flange wide N 140-230 mm	Order- No.: capacity 12500 kg for version 13/00X, flange wide S1 220-310 mm
1	1	Motorside plate complete consists from:	BC 01 39 2 00X 002/1 1 Side plate 2 Bolts for wheel 2 Retaining rings 45 DIN 471 2 Rubber stop 2 Nylocks M8 DIN 934 2 Spring ring 8,1 DIN 7980 1 Rod 2 Nylocks M16x1,5 DIN 936	
2	1	Side plate (ungeared) complete Consists from:	BC 01 39 2 00X 001/1 1 Side plate 2 Bolts for wheel 2 Retaining rings 45 DIN 471 2 Rubber stop 2 Nylocks M8 DIN 934 2 Retaining rings 8,1 DIN 7980	
3	2	Geared wheel complete (for all flanges wide) consists from:	BC 01 39 2 00X 011/0 1 Wheel <i>BC 01 39 0 00X 011/0</i> 1 Roller bearing 6309 2RSR <i>BA 01 96 06309 2RSR0</i> 2 Retaining rings 100 DIN 472 <i>BA 01 64 00472 00100</i>	
4	2	Ungeared wheel complete (for all flanges wide) consists from:	BC 01 39 2 00X 010/0 1 Wheel <i>BC 01 39 0 00X 011/0</i> 1 Roller bearing 6309 2RSR <i>BA 01 96 06309 2RSR0</i> 2 Retaining rings 100 DIN 472 <i>BA 01 64 00472 00100</i>	
5	2	Suspension bolt complete consists from:	BC 01 39 2 00X 014/0 1 Suspension bolt N <i>BC 01 39 0 00X 014/0</i> 2 Distance tubes N <i>BC 01 39 0 00X 015/0</i> 2 Distance washers 46 <i>BC 01 39 00X 020/0</i> 12 Washers 46 DIN 125 <i>BC 01 70 00125 04600</i> 2 Washers 37 DIN 125 <i>BC 01 70 00125 03700</i> 2 Nylocks M36x1,5 DIN 985 <i>BC 01 57 00985 36015</i> 2 Hex. sock. cap screws M12x25 DIN 912 <i>BC 01 72 00912 12025</i>	BC 02 39 2 00X 014.1/0 1 Suspension bolt S1 <i>BC 02 39 0 00X 014.1/0</i> 2 Distance tubes S1 <i>BC 02 39 0 00X 015.1/0</i> 2 Distance washers 46 <i>BC 01 39 00X 020/0</i> 12 Washers 46 DIN 125 <i>BC 01 70 00125 04600</i> 2 Washers 37 DIN 125 <i>BC 01 70 00125 03700</i> 2 Nylocks M36x1,5 DIN 985 <i>BC 01 57 00985 36015</i> 2 Hex. sock. cap screws M12x25 DIN 912 <i>BC 01 72 00912 12025</i>
6	1	Trolley motor complete (for all flanges wide) consists from:	BC 01 39 3 00X 221/1 1 Rectifier <i>BC 01 20 00040 000E2</i> 1 Pinion 1 End washer 1 Hex. head screw M6x16 DIN 933 1 Retaining ring 6,1 DIN 7980 1 Grooved pin 2x6 DIN 1472 <i>BC 01 39 2 00X 013/0</i> 1 Motor with brake unit 4 Hex. head screws M8x25 DIN 933 4 Retaining rings 8,1 DIN 7980	

Example for

Spare part list BE – contactor control for electric trolley

Electric trolley with two travelling speeds

- No. 1 **Control box complete** consists from: control box, basic plate, contactors, cable screws with counter nuts, cable, fastening set
 No. 2 **Control box** consists from: control box with cover, assembly rail and screws
 No. 3 **Basic plate complete** consists from: basic plate, screws
 No. 4 **Contactor for left / right**
 No. 5 **Contactor for second speed**
 No. 6 **Cable screw with counter nuts**
 No. 7 **Cable control box - hoist**
 No. 8 **Cable control box - motor**

No.:	Number	Designation	Order- No.: for trolleys with two speeds
1	1	Control box complete Consists from:	BE 01 41 2 01A 100/1 1 Control box 1 Basic plate 1 Contactor 1 Contactor for second speed 2 Cable screws with counter nuts Cable control box - hoist Cable control box - motor
2	1	Control box with assembly rail	BE 01 20 10000 00010 Control box BE 01 20 00000 02069 0,15m assembly rail
3	1	Basic plat complete	BE 01 41 0 00A 001/1
4	1	Contactor K5, K6	BE 01 74 3LC2K 91024
5	1	Contactor for second speed K7	BE 01 74 3LC1K 98024
6	2	Cable screw with counter nuts	BE 01 50 00100 PG162 BE 01 50 00300 01602
7	1,4m	Cable control box – hoist	BE 01 45 NYSLY 12010
8	1,5m	Cable control box - motor	BE 01 45 NYSLY 07015

Example for order: **BE 01 41 2 01A 000/1** control box complete

