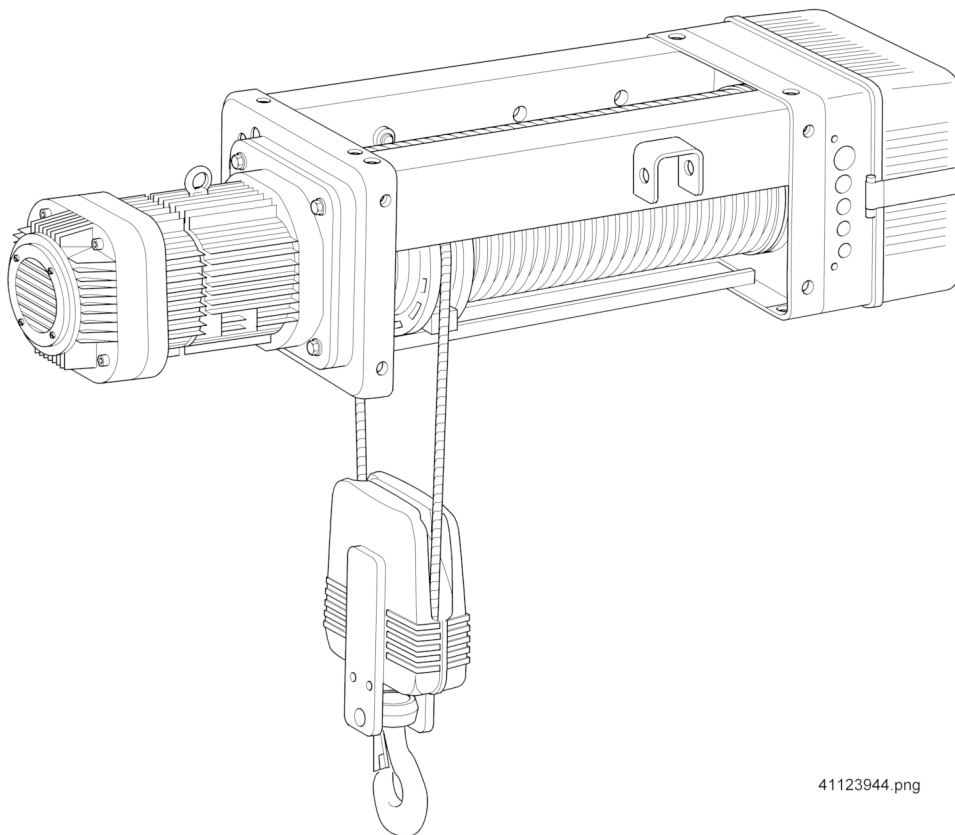


Spare parts list

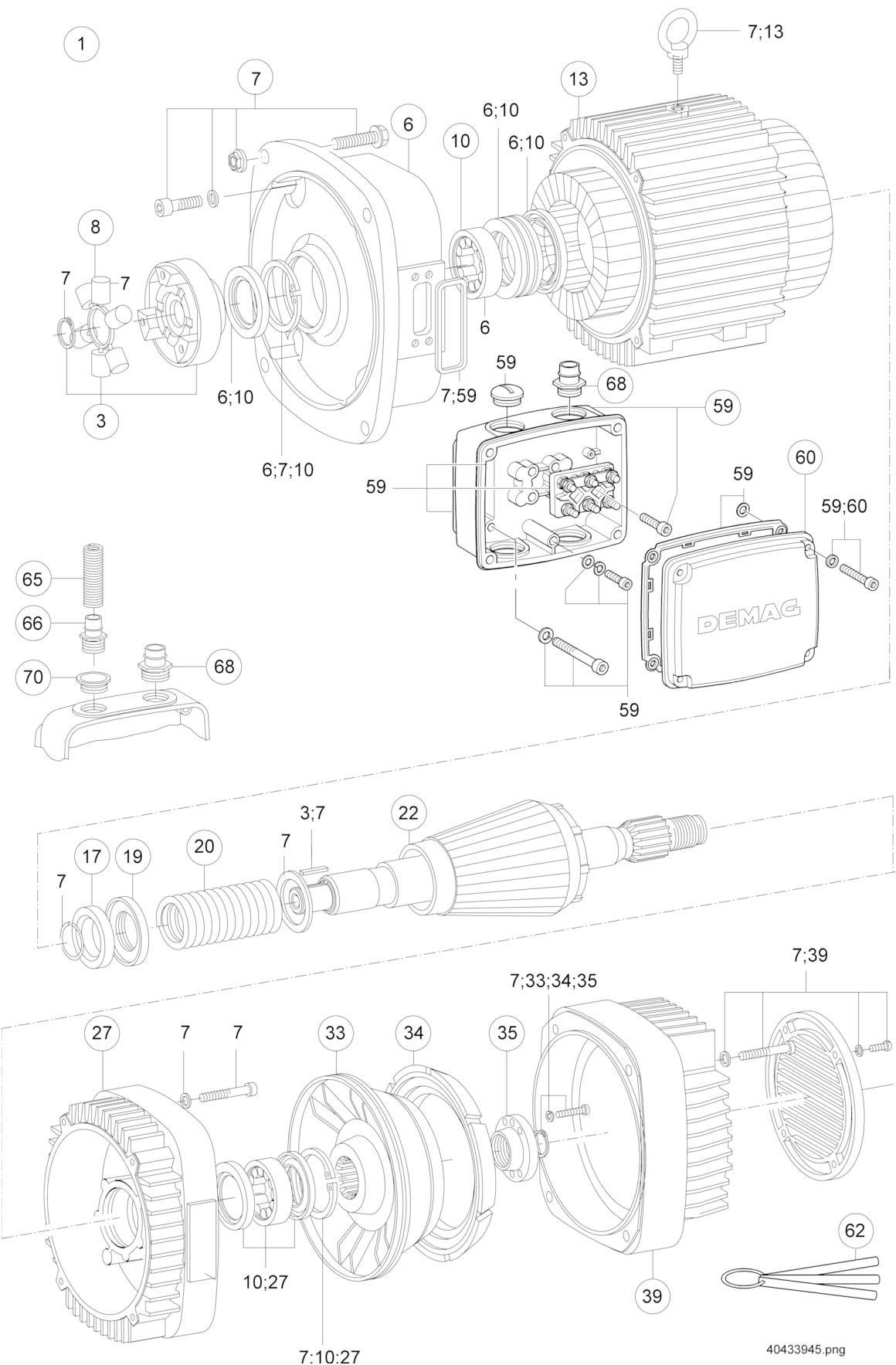
Demag DH 600 rope hoist



41123944.png

Contents

Main hoist motor KBH 112 B 4.....	4
Main hoist motor KBH 125 B 4 Main/creep hoist motor KBH 125 B2/12 - F 6.....	6
Main hoist motor KBH 140 B 4 Main/creep hoist motor KBH 140 B2/12 - F 6.....	8
Main/creep hoist motor KBH 160 B 2/12 - F 6.....	10
3-stage, planetary gear Planetary gear combination with relevant motor for two hoist speeds.....	12
3-stage planetary gear Planetary gear combination with relevant motor for one hoist speed.....	14
2-stage planetary gear Planetary gear combination with relevant motor for one hoist speed.....	16
Frame, drum, rope guide, rope.....	18
Rope retaining crosshead DH 640 - 616, 2/1 reeving.....	20
Rope retaining crosshead DH 640, 2/1 reeving.....	22
Rope retaining crosshead and return sheave 280/14, 4/1 reeving.....	24
Rope retaining crosshead and return sheave 365/14, 4/1 reeving.....	26
Compensating sheave 160/11, H12, H20, ZMS/MGS, 4/2 reeving.....	28
Hook with fittings, 1/1 reeving.....	30
Bottom block 280/14, 2/1 reeving.....	32
Bottom block 365/14, 2/1 reeving.....	34
Bottom block 280/14, 4/1 reeving.....	36
Bottom block 365/14, 4/1 reeving.....	38
Bottom block 225/11, 4/2 reeving.....	40
Bottom block 280/11, 4/2 reeving.....	42
Electrical components.....	44
Mechanical microspeed unit FG 08.....	46
Creep hoist motor KBA 71 B 4.....	48
Creep hoist motor KBA 80 B 4.....	50
Creep hoist motor KBA 90 B 4.....	52
EUDH 600, Trolley size 6, 2/1 and 4/2 reeving - H12, H20.....	54
EUDH 600, Trolley size 6, Travel drive AMK 10/AUK 30, 2/1 and 4/2 reeving - H12, H20.....	56
EUDH 600, Trolley size 10, 4/1 reeving - H12, H20.....	58
EUDH 600, Trolley size 10, Travel drive AMK 20/AUK 30, 4/1 reeving - H12, H20.....	60
EUDH 640, 632, Trolley size 10 with two travel drives AUK 30, 4/1 reeving - H12, H20.....	62
EKDH 600, Trolley size 6, 2/1 and 4/2 reeving - H12 - H20.....	64
EKDH 600, Trolley size 6, Rope retaining crosshead, 2/1 reeving - H12 - H20.....	66
EKDH 600, Trolley size 6, Compensating sheave 160/11, 4/2 reeving - H12 - H20.....	68
EKDH 600, Trolley size 6, Travel drive AMK 10/AUK 30, 2/1 and 4/2 reeving - H12 - H20.....	70
EKDH 600, Trolley size 10, 4/1 reeving - H12 - H20.....	72
EKDH 632, 625, 620, 616, Trolley size 10, Rope retaining crosshead, 4/1 reeving - H12 - H20.....	74
EKDH 640, Trolley size 10, Rope retaining crosshead, 4/1 reeving - H12 - H20.....	76
EKDH 500, Trolley size 10, Return sheave 280/14 - 365/14, 4/1 reeving, H12 - H20.....	78
EKDH 600, Travel drive AMK 20/AUK 30, Trolley size 10, 4/1 reeving - H12 - H20.....	80
EKDH 640, 632, Trolley size 10, with two travel drives AUK 30, 4/1 reeving - H12 - H20.....	82
Travel drive AMK 10 DD.....	84
Travel drive AMK 20 DD.....	86
Travel drive AUK 30 DD.....	88
Travel drive AUK 30 DD.....	90



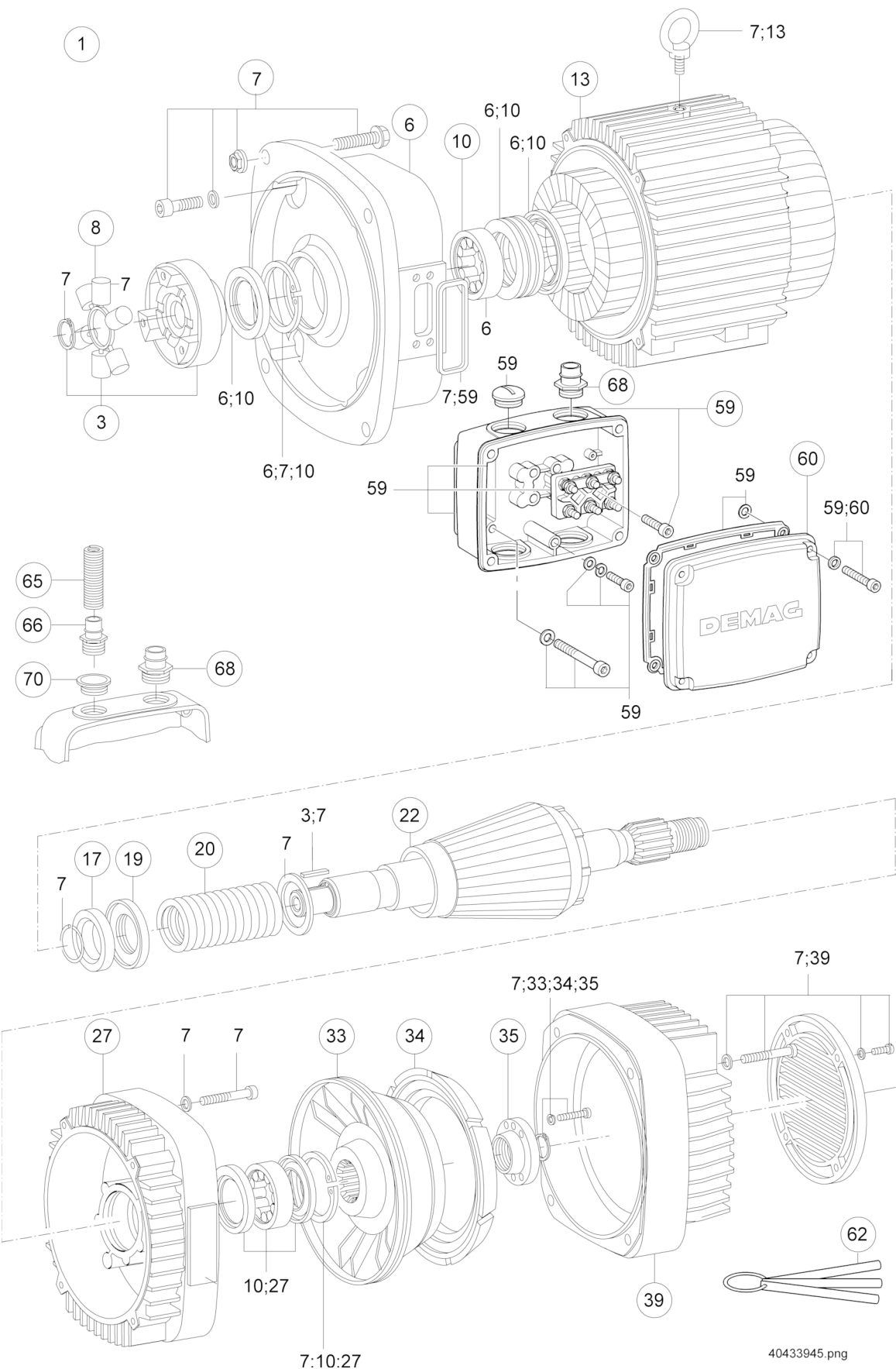
Item	Part no.	Quantity	Designation		Material	RSP
1	7015433	1	Motor set KBH112B4 DH 500		230400AB50	
3	35191333	1	Coupling set M H2N-28			
6	7464933	1	End shield set KBH112/500	1)		
7	7483533	1	Mounting parts set KB112			
8	75226133	1	Roller spider coupling H2			
10	7409933	1	Bearing and sealing set KB112			
13	7116933	1	Stator set KBA112B4AB	2), 3)	230/400V50	
17	7480833	1	Thrust ring set KB112	2), 3)		
19	7482233	1	Disc spring set KB 112			
20	7477684	1	Pressure spring GbBI 5,6 x 47,6 x 77	824 N	KBH112	
22	7434233	1	Rotor set KBA112B4KUP	2), 3)		
27	7460633	1	End shield set BS KB 112			
33	7479133	1	Brake set light wide KB112			
34	7478633	1	Conical brake ring KB112 b		breit	
35	7471433	1	Clamping nut set KB112			
39	7409733	1	Brake cover set ZN+STD	4)	KB112	
39	7409833	1	Brake cover STD+STD		KB112	
59	6998533	1	Terminal box set KB100-125	c/w item 60		
60	6997433	1	Terminal box cover KB 100-125		Deckelset	
62	10015284	3	Feeler gauge set		KB 112	
65	89506144	1	Corrugated hose FFMYDNW17	5)	400017 SW	
66	82157044	1	Pipe socket M25X1,5 NW17	5)	PA 6.6	
68	82157244	1	Pipe socket M32X1,5 NW24	5)	PA 6.6	
70	79499544	1	Reduction M32-M25	5)	MS VERNI.	

21730644001

- 1) Sealing surfaces between motor and gearbox flange to be sealed with Loctite 573. Part no. 033 068 44.
2) When ordering a rotor or stator, thrust rings (item 17) and feeler gauge (item 62) must also be ordered for adjusting the correct air gap dimension.
3) Required air gap between stator bore and rotor: 0.45 mm.
4) For service in arduous conditions, galvanized brake surface.
5) Only for mechanical microspeed.

Main hoist motor KBH 125 B 4
Main/creep hoist motor KBH 125 B2/12 - F 6

DH 600



Main hoist motor KBH 125 B 4

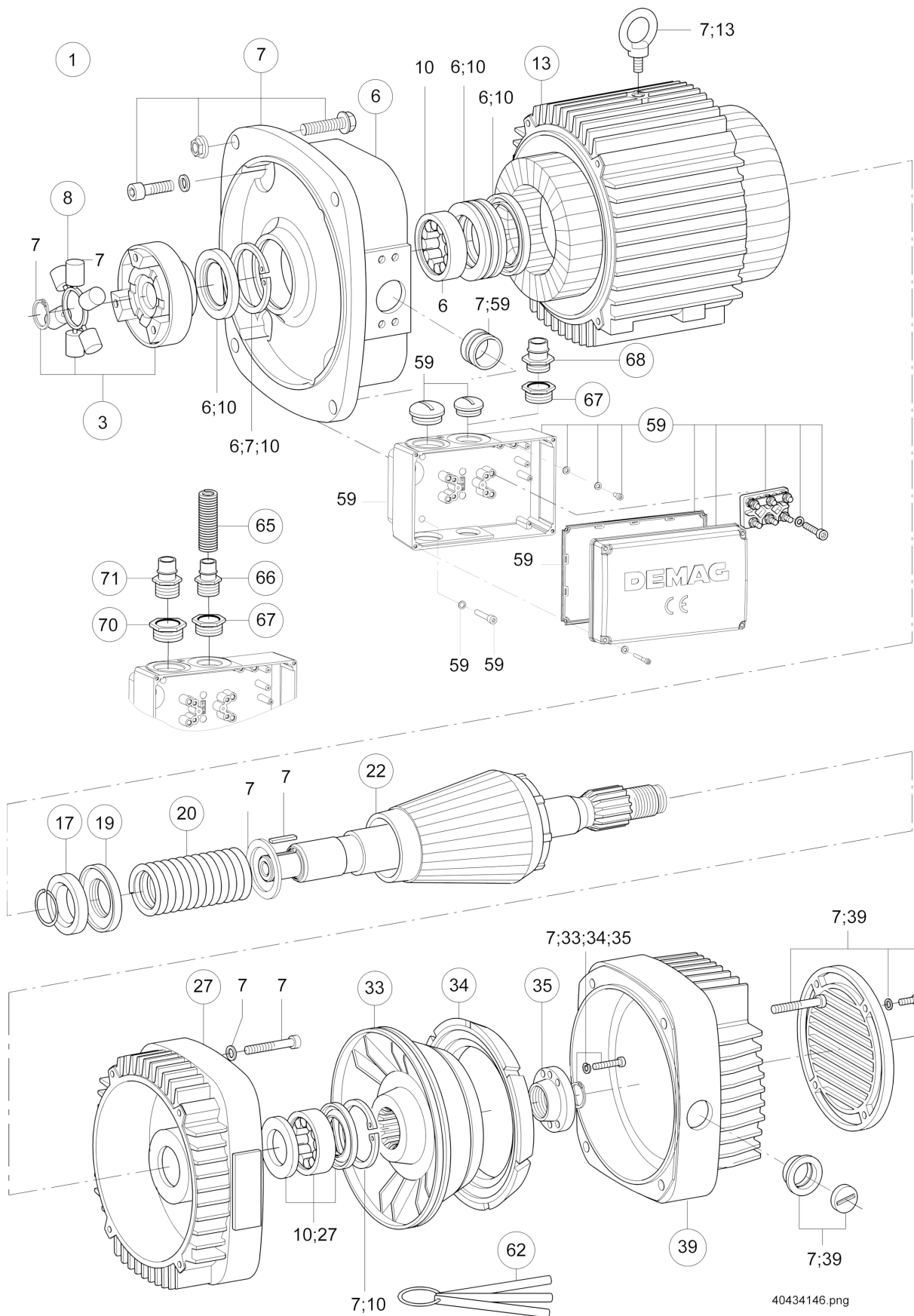
Main/creep hoist motor KBH 125 B2/12 - F 6

DH 600

Item	Part no.	Quantity	Designation		Material	RSP
1	7513033	1	Motor set KBH125B4 DH 500		230400AB50	
1	7513133	1	Motor set KBH125B2/12DH 500		400AB50	
3	35191533	1	Coupling set M H2N-32			
6	7964933	1	End shield set KBH125/500	1)		
7	7983533	1	Mounting parts set KB125			
8	75226133	1	Roller spider coupling H2			
10	7909933	1	Bearing and sealing set KB125			
13	7616133	1	Stator KBH125B /12A S	2), 3)	400V50	
13	7616633	1	Stator KBA125 B4 AB S	2), 3)	230/400V50	
17	7980833	1	Thrust ring set KB125	2), 3)		
19	7982233	1	Disc spring set KB 125			
20	7977684	1	Pressure spring GbBl 6,5x55,5x119	KBH 125 B4, 1001 N	KBH125	
20	7977784	1	Pressure spring GbGn 5,3x54,3x114	KBH 125 B2/12, 358 N	KBH125	
22	7931733	1	Rotor KBA125B 4 KUP S	2), 3)		
22	7935233	1	Rotor KBH125B12/2 K S	2), 3)		
27	7960633	1	End shield set BS KB 125			
33	7979133	1	Brake set light wide KB125	KBH 125 B 4		
33	7979233	1	Brake set light small KB125	KBH 125 B 2/12	schmal	
34	7978633	1	Conical brake ring KB125 b	KBH 125 B 4	breit	
34	7978733	1	Conical brake ring KB125 s	KBH 125 B 2/12	schmal	
35	7971433	1	Clamping nut set KB125			
39	7909733	1	Brake cover set ZN+STD	4)	KB125	
39	7909833	1	Brake cover set STD+STD		KB125	
59	6998533	1	Terminal box set KB100-125	c/w item 60		
60	6997433	1	Terminal box cover KB 100-125		Deckelset	
62	10015384	3	Feeler gauge set		KB 125	
65	89506144	1	Corrugated hose FFMYDNW17	5)	400017 SW	
66	82157044	1	Pipe socket M25X1,5 NW17	5)	PA 6.6	
68	82157244	1	Pipe socket M32X1,5 NW24	5)	PA 6.6	
70	79499544	1	Reduction M32-M25	5)	MS VERNI.	

21730644002

- 1) Sealing surfaces between motor and gearbox flange to be sealed with Loctite 573. Part no. 033 068 44.
- 2) When ordering a rotor or stator, thrust rings (item 17) and feeler gauge (item 62) must also be ordered for adjusting the correct air gap dimension.
- 3) Required air gap between stator bore and rotor: 0.45 mm.
- 4) For service in arduous conditions, galvanized brake surface.
- 5) Only for mechanical microspeed.



Main hoist motor KBH 140 B 4

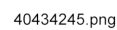
Main/creep hoist motor KBH 140 B2/12 - F 6

DH 600

Item	Part no.	Quantity	Designation		Material	RSP
1	8008133	1	Motor set KBH140B4 DH 500		230400AB50	
1	8008233	1	Motor set KBH140B2/12DH 500		400AB50	
3	35191533	1	Coupling set M H2N-32			
6	8464933	1	End shield set KBH140/500	1)		
7	8483533	1	Mounting parts set KB140			
8	75226133	1	Roller spider coupling H2			
10	8409933	1	Bearing and sealing set KB140			
13	8103233	1	Stator KKBA140B 4AB S	2), 3)	230/400V50	
13	8115033	1	Stator KBH140B 2/12 S	2), 3)	400V50	
17	8480833	1	Thrust ring set KB140	2), 3)		
19	75282233	1	Disc spring set KB 140			
20	8477684	1	Pressure spring GbBI 8 x 62 x 114	KBH 140 B4, 1588 N	KBH140	
20	8477784	1	Pressure spring GbGn 6 x 60 x 116	KBH 140 B2/12, 424 N	KBH140	
22	8430933	1	Rotor set KBA140B 4 K	2), 3)		
22	8434533	1	Rotor KBA140B 8/2 K S	KBH 140 B 2/12, 2), 3)		
27	8460633	1	End shield set BS KB 140			
33	8479133	1	Brake set light wide KB140	KBH 140 B 4		
33	8479233	1	Brake set light small KB140	KBH 140 B 2/12		
34	8478633	1	Conical brake ring KB140 b	KBH 140 B 4	breit	
34	8478733	1	Conical brake ring KB140 s	KBH 140 B 2/12	schmal	
35	8471433	1	Clamping nut set KB140			
39	8409733	1	Brake cover set ZN+STD	4)	KB140	
39	8409833	1	Brake cover set STD+STD		KB140	
59	8498533	1	Terminal box set KB140-160			
62	10015384	3	Feeler gauge set		KB 125	
65	89506144	1	Corrugated hose FFMYDNW17	5)	400017 SW	
66	82157044	1	Pipe socket M25X1,5 NW17	5)	PA 6.6	
67	79499444	1	Reduction M40-M25 M	5)	M40M25/OM	
68	82157144	1	Pipe socket M25X1,5 NW24	5)	PA 6.6	
70	79499344	1	Reduction M50-M32 M	5)	M50M32/OM	
71	82157244	1	Pipe socket M32X1,5 NW24	5)	PA 6.6	

21730644003

- 1) Sealing surfaces between motor and gearbox flange to be sealed with Loctite 573. Part no. 033 068 44.
- 2) When ordering a rotor or stator, thrust rings (item 17) and feeler gauge (item 62) must also be ordered for adjusting the correct air gap dimension.
- 3) Required air gap between stator bore and rotor: 0.50 mm.
- 4) For service in arduous conditions, galvanized brake surface.
- 5) Only for mechanical microspeed.

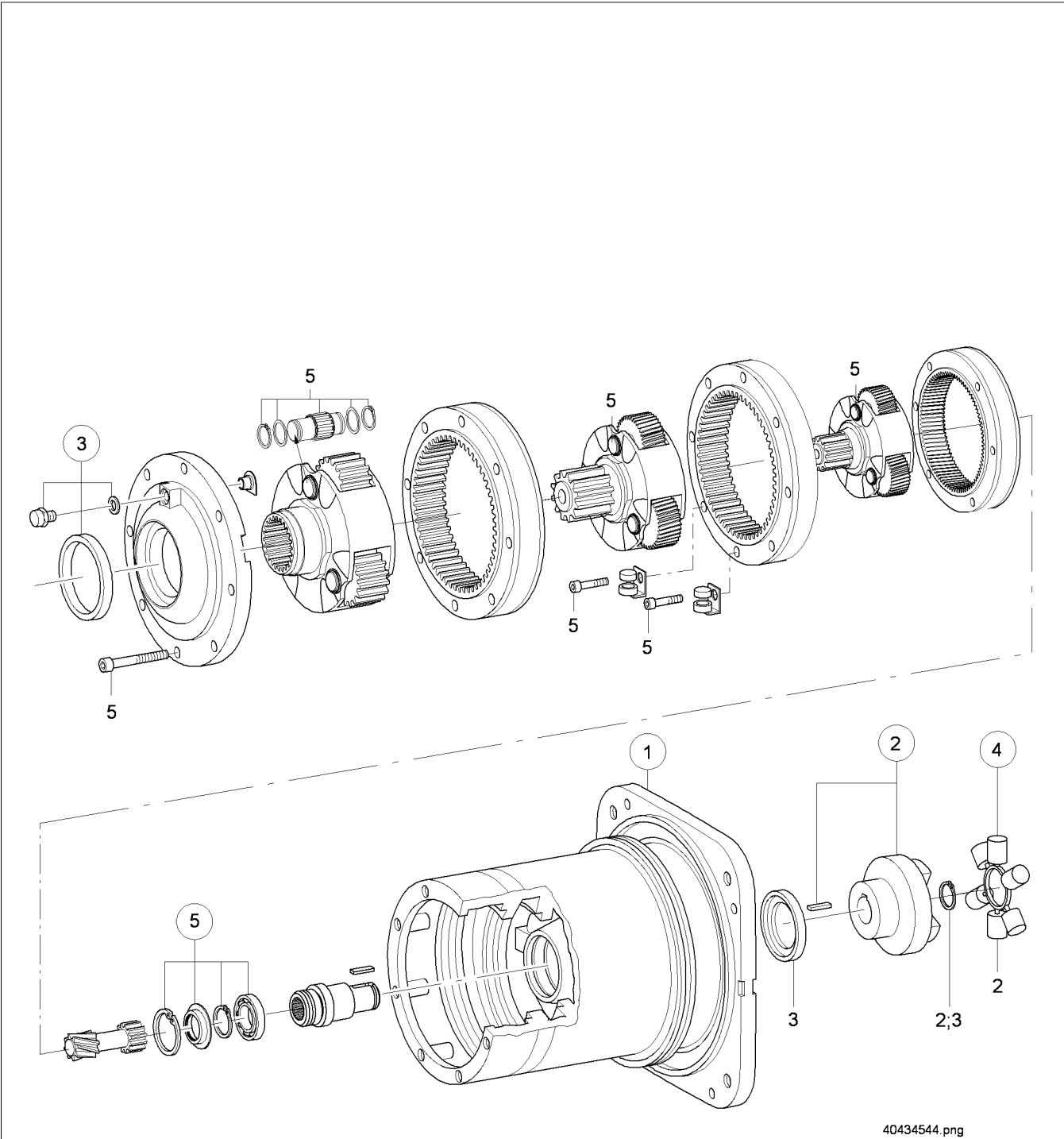


Item	Part no.	Quantity	Designation		Material	RSP
1	8503033	1	Motor set KBH160B2/12DH 500		400AB50	
3	35191533	1	Coupling set M H2N-32			
6	8964933	1	End shield set KBH160/500	1)		
7	8983533	1	Mounting parts set KB160			
8	75226133	1	Roller spider coupling H2			
10	8909933	1	Bearing and sealing set KB160			
14	8603333	1	Stator KBH160B2/12ABS	2), 3)	400V50	
17	8980833	1	Thrust ring set KB160	2), 3)		
19	8982233	1	Disc spring set KB 160			
20	8977784	1	Pressure spring 7 x67 x144 GbGn	574 N	KBH160	
22	8933833	1	Rotor KBH160B 2/12G S	2), 3)		
27	8960633	1	End shield set BS KB 160			
33	8979133	1	Brake set light wide KB160			
34	8974633	1	Conical brake ring KB160 b		breit	
35	8971433	1	Clamping nut set KB160			
39	8909733	1	Brake cover set ZN+STD	4)	KB160	
39	8909833	1	Brake cover set STD+STD		KB160	
59	8498533	1	Terminal box set KB140-160			
62	10015384	3	Feeler gauge set		KB 125	
67	79499444	1	Reduction M40-M25 M		M40M25/OM	
68	82157144	1	Pipe socket M25X1,5 NW24		PA 6.6	

21730644004

1) Sealing surfaces between motor and gearbox flange to be sealed with Loctite 573. Part no. 033 068 44.
2) When ordering a rotor or stator, thrust rings (item 17) and feeler gauge (item 62) must also be ordered for adjusting the correct air gap dimension.
3) Required air gap between stator bore and rotor: 0.55 mm.
4) For service in arduous conditions, galvanized brake surface.

3-stage, planetary gear
Planetary gear combination with relevant motor
for two hoist speeds



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3-stage, planetary gear

Planetary gear combination with relevant motor

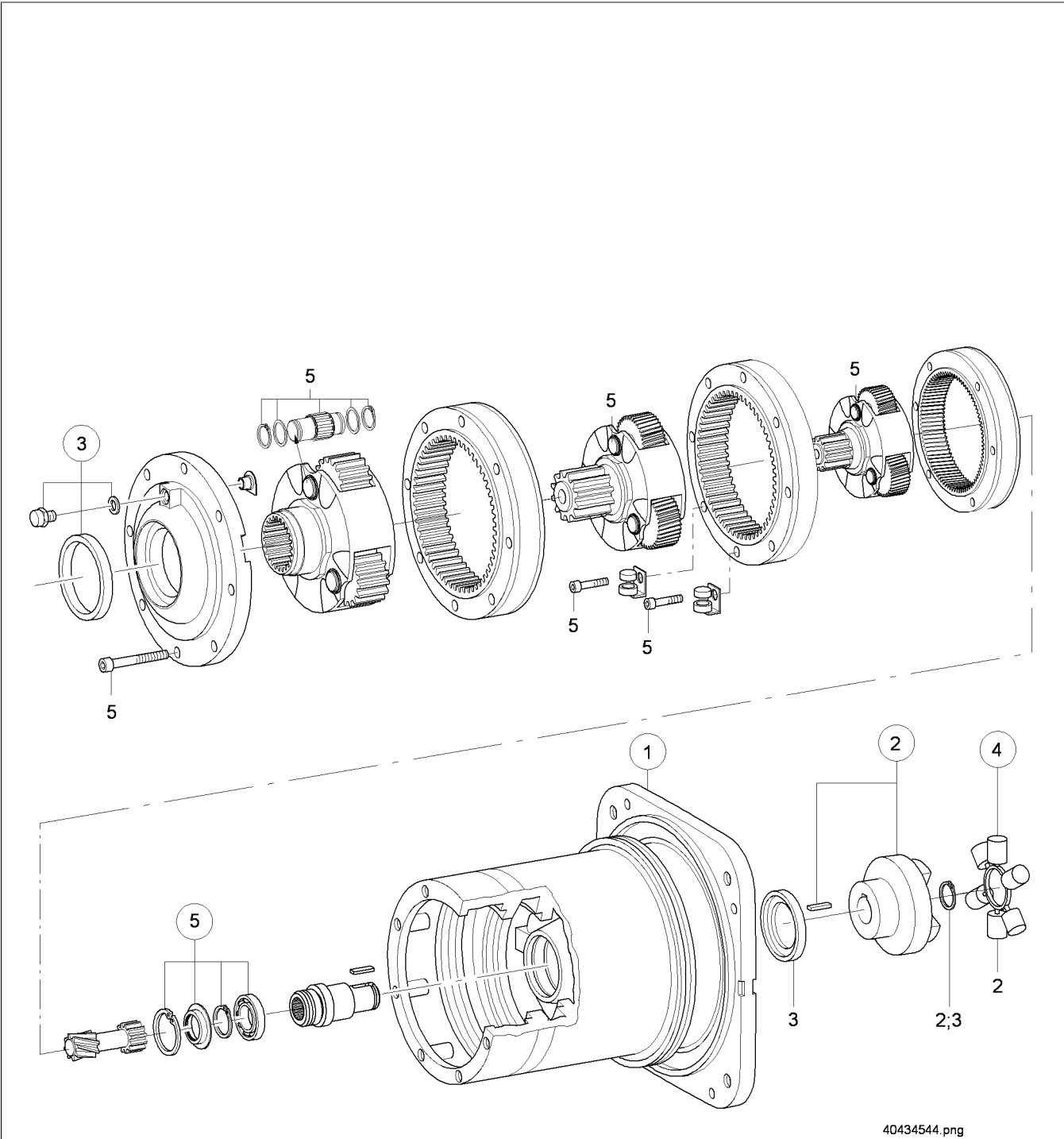
for two hoist speeds

Item	Part no.	Quantity	Designation		Material	RSP
1			Gearbox for motor ZBA	1)		
1			Gearbox for motor KBH 125 B2/12	2), 3), 4)		
1	82372133	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 625, 620, V1	I=249	
1	82372233	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 616, V1	I=192,8	
1			Gearbox for motor KBH 140 B2/12	2), 3), 4)		
1	82372133	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 640, V2	I=249	
1	82372233	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 632, V2	I=192,8	
1	82372333	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 625, 620, V2	I=161,2	
1	82372433	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 616, V2	I=124,8	
1			Gearbox for motor KBH 160 B2/12	2), 3), 4)		
1	82372333	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 640, V3	I=161,2	
1	82372433	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 632, V3	I=124,8	
1	82352533	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 625, 620, V3	I= 96,6	
1	82372633	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 616, V3	I= 79,8	
2	35193533	1	Coupling set G H2N-32			
3	82315033	1	Seal set DH 500/600		Getriebe	
4	75226133	1	Roller spider coupling H2			
5	82317033	1	Bearing set DH 500/ 600 3Stuf	5)	Getriebe	

21773044005

- 1) When ordering this sub-assembly (individual component parts are not supplied), please indicate the DH hoist serial number and order number. These data are specified on the rating plates.
- 2) When replacing a complete gearbox, it must always be ordered with a new drum bearing set.
- 3) Quantity 2 litre, part no. 472 930 44 (2.5 kg).
- 4) Cannot be used in connection with ZBA motors.
- 5) Sealing surfaces between gearbox cover, internally toothed wheel rim and gearbox housing to be sealed with Loctite 573. Part no. 033 068 44.

3-stage planetary gear
Planetary gear combination with relevant motor
for one hoist speed



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3-stage planetary gear

Planetary gear combination with relevant motor

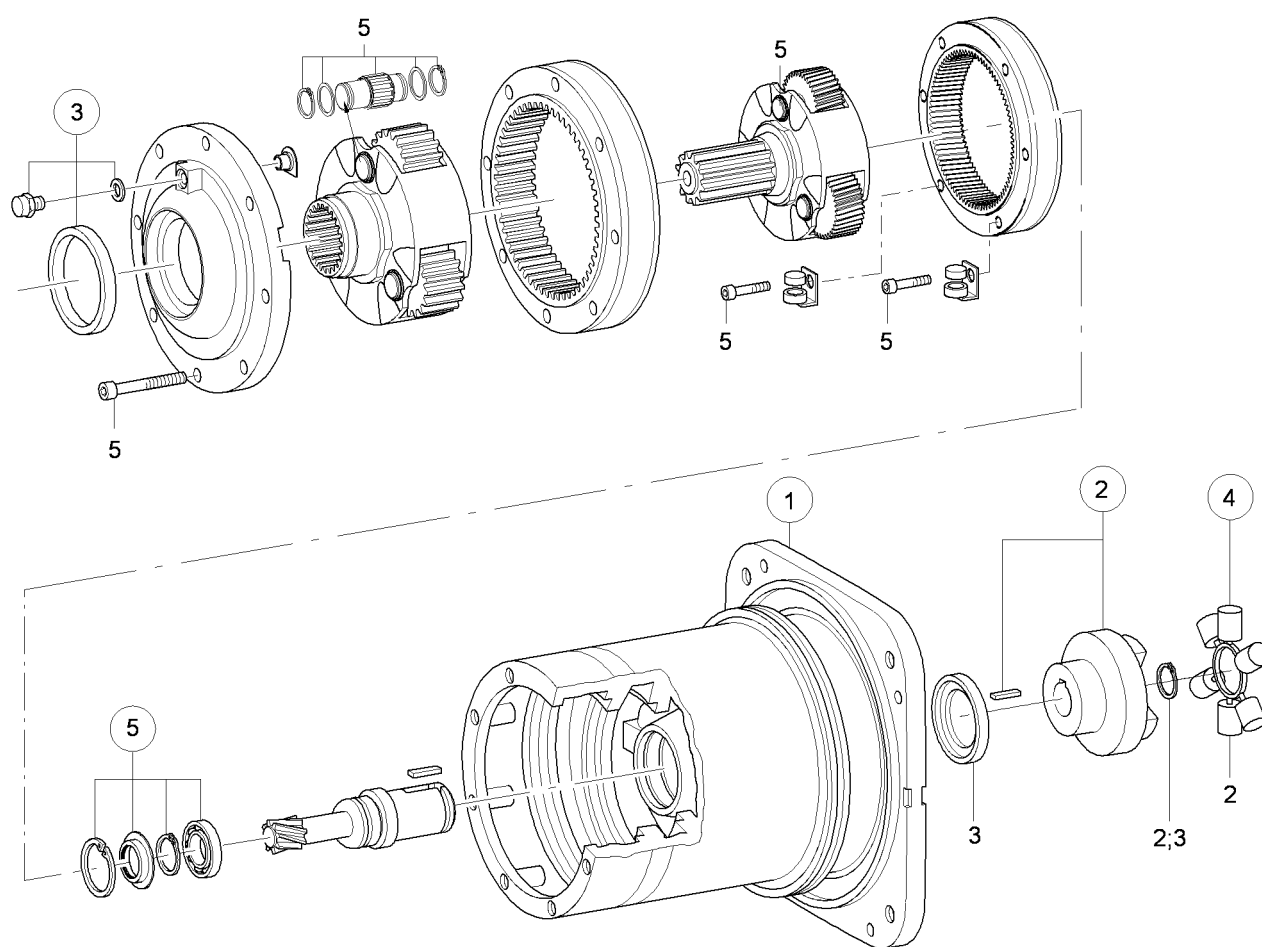
for one hoist speed

Item	Part no.	Quantity	Designation		Material	RSP
1			Gearbox for motor ZBA	1)		
1			Gearbox for motor KBH 112 B4	2), 3), 4)		
1	82372233	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 640, V1	I=192,8	
1	82372333	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 632, V1	I=161,2	
1	82372433	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 625, 620, V1	I=124,8	
1	82352533	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 616, V1	I= 96,6	
1			Gearbox for motor KBH 125 B4	2), 3), 4)		
1	82372433	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 640, V2	I=124,8	
1	82352533	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 632, V2	I= 96,6	
1	82372633	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 625, 620, V2	I= 79,8	
1	82352733	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 616, V2	I= 66,7	
1			Gearbox for motor KBH 140 B4	2), 3), 4)		
1	82372633	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 640, V3	I= 79,8	
1	82352733	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 632, V3	I= 66,7	
1	82352833	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 625, 620, V3	I= 51,7	
2	35193533	1	Coupling set G H2N-32			
3	82315033	1	Seal set DH 500/600		Getriebe	
4	75226133	1	Roller spider coupling H2			
5	82317033	1	Bearing set DH 500/ 600 3Stuf	5)	Getriebe	

21773044006

- 1) When ordering this sub-assembly (individual component parts are not supplied), please indicate the DH hoist serial number and order number. These data are specified on the rating plates.
- 2) When replacing a complete gearbox, it must always be ordered with a new drum bearing set.
- 3) Quantity 2 litre, part no. 472 930 44 (2.5 kg).
- 4) Cannot be used in connection with ZBA motors.
- 5) Sealing surfaces between gearbox cover, internally toothed wheel rim and gearbox housing to be sealed with Loctite 573. Part no. 033 068 44.

2-stage planetary gear
Planetary gear combination
with relevant motor for one hoist speed



40434444.png

2-stage planetary gear Planetary gear combination with relevant motor for one hoist speed

Item	Part no.	Quantity	Designation		Material	RSP
1			Gearbox for motor ZBA	1)		
1			Gearbox for motor KBH 140 B4	2), 3), 4)		
1	82353133	1	Gearbox set DH 500/600 2ST	c/w items 2 - 5, DH 616, V3	I= 37,6	
2	35193533	1	Coupling set G H2N-32			
3	82315033	1	Seal set DH 500/600		Getriebe	
4	75226133	1	Roller spider coupling H2			
5	82316933	1	Bearing set DH 500/ 600 2Stuf	5)	Getriebe	
						21773044007

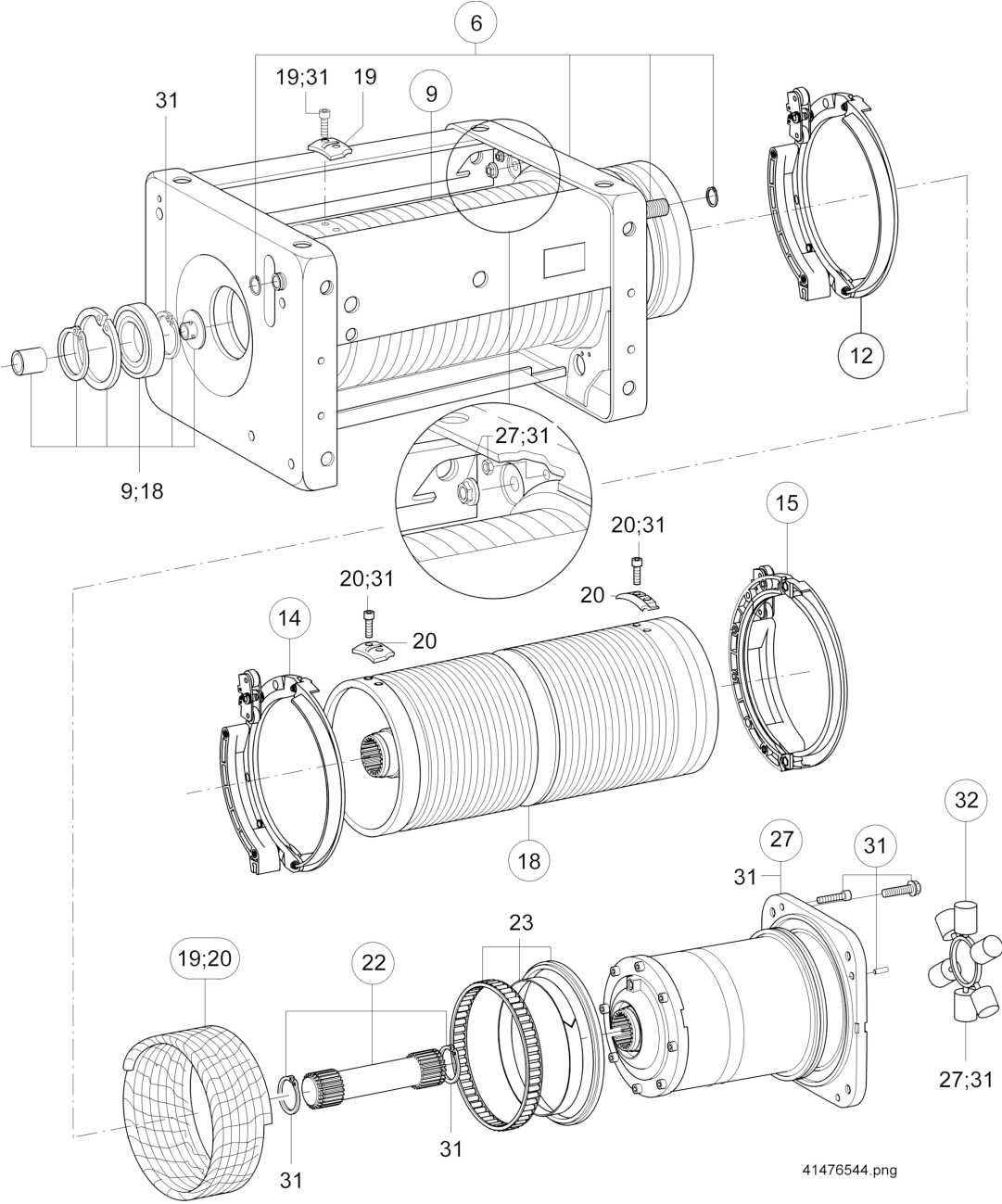
1) When ordering this sub-assembly (individual component parts are not supplied), please indicate the DH hoist serial number and order number. These data are specified on the rating plates.

2) When replacing a complete gearbox, it must always be ordered with a new drum bearing set.

3) Quantity 2 litre, part no. 472 930 44 (2.5 kg).

4) Cannot be used in connection with ZBA motors.

5) Sealing surfaces between gearbox cover, internally toothed wheel rim and gearbox housing to be sealed with Loctite 573. Part no. 033 068 44.

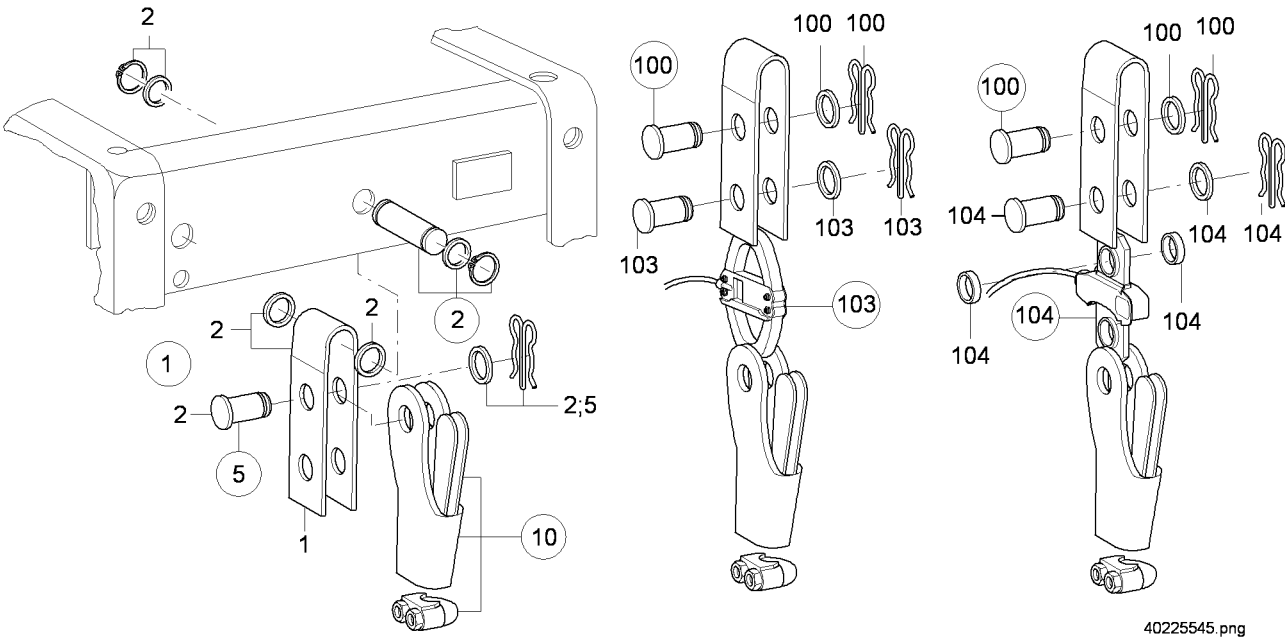


Frame, drum, rope guide, rope

Item	Part no.	Quantity	Designation	Material	RSP
6	82379233	1	Frame DH 500/600 H12	Set Kombi	
6	82379433	1	Frame DH 500/600 H20	Set Kombi	
6	82379633	1	Frame DH 500/600 H40	Set Kombi	
6	82379833	1	Frame DH 500/600 H52	Set Kombi	
9	82374133	1	Rope drum 1ril H12 14	1/1, 2/1, 4/1	DH 500/600
9	82374233	1	Rope drum 1ril H20 14	1/1, 2/1, 4/1	DH 500/600
9	82375533	1	Rope drum 1ril H40 14	1/1, 2/1, 4/1	DH 500/600
9	82363533	1	Rope drum 1ril H52 14	1/1, 2/1, 4/1	DH 500/600
9	82374533	1	Rope drum 2ril H12 11	2/2, 4/2, 8/2	DH 500/600
9	82374633	1	Rope drum 2ril H20 11	2/2, 4/2, 8/2	DH 500/600
12	82380233	1	Rope guide left 5-6/14	1/1, 2/1, 4/1, Acid-Resistant	PA12 L1700
12	82385033	1	Rope guide left set V. 5 /14	1/1, 2/1, 4/1, Acid-Resistant, reinforced	PA12 TYP S
14	82381133	1	Rope guide left 5-6/11,3	2/2, 4/2, Acid-Resistant	PA12 L1700
14	82386033	1	Rope guide left set V. 5 /11,3	2/2, 4/2, Acid-Resistant, reinforced	PA12 TYP S
15	82382133	1	Rope guide right 5-6/11,3	2/2, 4/2, Acid-Resistant	PA12 L1700
15	82386233	1	Rope guide right set V. 5 /11,3	2/2, 4/2, Acid-Resistant, reinforced	PA12 TYP S
19	82374533	1	Rope drum 2ril H12 11	2/2, 4/2	DH 500/600
19	82374633	1	Rope drum 2ril H20 11	2/2, 4/2	DH 500/600
20	82340033	1	Wire rope set DH5/600 14 H12 1/1	DH 632	27,4m
20	82340133	1	Wire rope set DH5/600 14 H12 1/1	DH 625, 620, 616	27,4m
20	82340233	1	Wire rope set DH5/600 14 H20 1/1	DH 632	43,4m
20	82340333	1	Wire rope set DH5/600 14 H20 1/1	DH 625, 620, 616	43,4m
20	82342933	1	Wire rope set DH5/600 11 H12 2/2	DH 640	2x 13,8m
20	82343033	1	Wire rope set DH5/600 11 H20 2/2	DH 640	2x 23,2m
20	82343333	1	Wire rope set DH5/600 11 H12 4/2	DH 640, 632, 625, 620	29,2m
20	82343433	1	Wire rope set DH5/600 11 H12 4/2	DH 616	29,5m
20	82343533	1	Wire rope set DH5/600 11 H20 4/2	DH 640, 632, 625, 620	49,1m
20	82343633	1	Wire rope set DH5/600 11 H20 4/2	DH 616	49,4m
20	82348733	1	Wire rope set DH 600 14 H12 2/1	DH 616	28,5m
20	82348833	1	Wire rope set DH 600 14 H20 2/1	DH 616	44,6m
20	82348933	1	Wire rope set DH 600 14 H12 4/1	DH 616	30,7m
20	82349233	1	Wire rope set DH 600 14 H20 4/1	DH 640, 632, 625, 620	46,0m
20	82349433	1	Wire rope set DH 600 14 H12 4/1	DH 640, 632, 625, 620	30,0m
20	82349533	1	Wire rope set DH 600 14 H12 2/1	DH 640, 632, 625, 620	28,3m
20	82349633	1	Wire rope set DH 600 14 H20 2/1	DH 640, 632, 625, 620	44,3m
20	82349733	1	Wire rope set DH 600 14 H20 4/1	DH 616	46,7m
20	82359033	1	Wire rope set DH 600 11 H12 2/2	DH 632, 625, 620, 616	2x 13,8m
20	82359133	1	Wire rope set DH 600 11 H20 2/2	DH 632, 625, 620, 616	2x 23,2m
22	82317633	1	Plug-in shaft DH 500/600 H12	1)	
22	82317733	1	Plug-in shaft DH 500/600 H20	1)	
23	82336533	1	Installation kit drum bearing 30Brt	2), 3)	DH 500/600
27			Gearbox	see page 12-17, 4)	
31	82309633	1	Mounting parts set DH 500/600		
32	75226133	1	Roller spider coupling H2		

21773044008

- 1) Geared parts to be greased with Staburags NBU 12 K, part no. 472 933 44.
- 2) From serial number 300 000 the drum bearing can only be used with a new gearbox.
- 3) Grease compartment and roller bearing to be semi-filled with 70 g Staburags NBU 12 K, part no. 472 933 44 (100 g).
- 4) Sealing surfaces between motor and gearbox flange to be sealed with Loctite 573. Part no. 033 068 44.



40225545.png

Rope retaining crosshead DH 640 - 616, 2/1 reeving

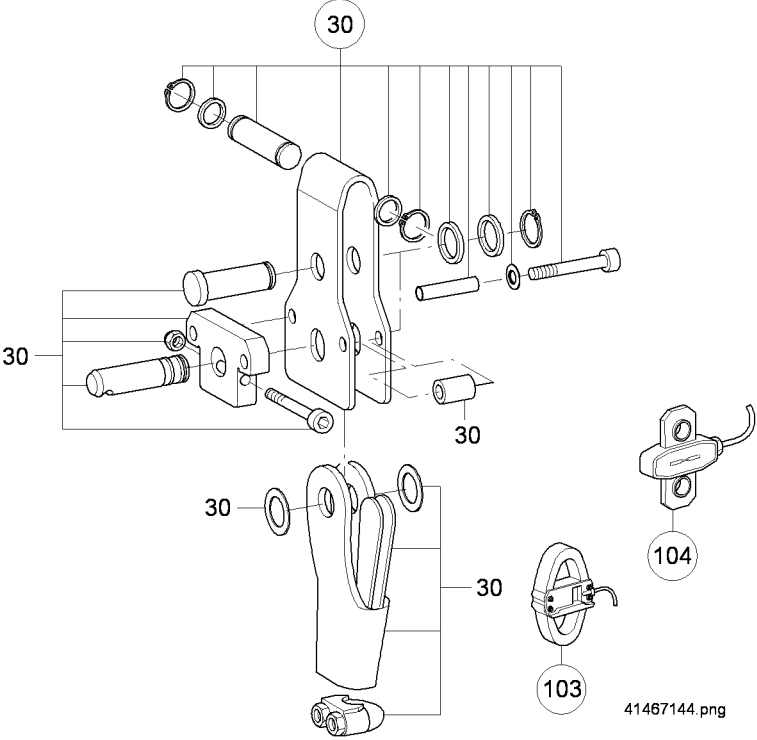
DH 600

Item	Part no.	Quantity	Designation		Material	RSP
1	82821233	1	Rope wedge crosshead DH 600	c/w items 2, 5, 10, 1), 2), 3)	Set	
2	82357833	1	Pin connection set 2/1	1), 3)	DH 500	
5	82358033	1	Bolt connection set + spring clip	3), 4)	25x65	
10	82831833	1	Rope anchorage set DH 600			
100	82358033	1	Bolt connection set + spring clip	3), 4)	25x65	
103	49160633	1	Unit MGS 3,15 T	DH 632	DH532	
103	49159233	1	Unit MGS 2,5 T Set	DH 625	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 620	DH5/600,P	
103	49179233	1	Unit MGS 1,6 T Set	DH 616	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 632 - 616	DH500/600	

21773044009

- 1) Check suspension of rope retaining crosshead. When fitting the rope retaining crosshead, it must be ensured that the retaining ring engages the groove in the pin. After fitting, it must be possible to turn the retaining ring easily.
- 2) DH 640 without MGS/ZMS.
- 3) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.
- 4) Check during maintenance. Check play of setpin in the bore hole of the rope retaining crosshead plate (max. wear in the plate 1 mm) Make sure that the double spring clip is latched.

Rope retaining crosshead DH 640,
2/1 reeving



Rope retaining crosshead DH 640,
2/1 reeving

Item	Part no.	Quantity	Designation		Material	RSP
30	82894033	1	Rope wedge crosshead DH 640	1), 2), 3)		
103	49169233	1	Unit MGS 2,0 T Set	DH 640	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 640	DH500/600	

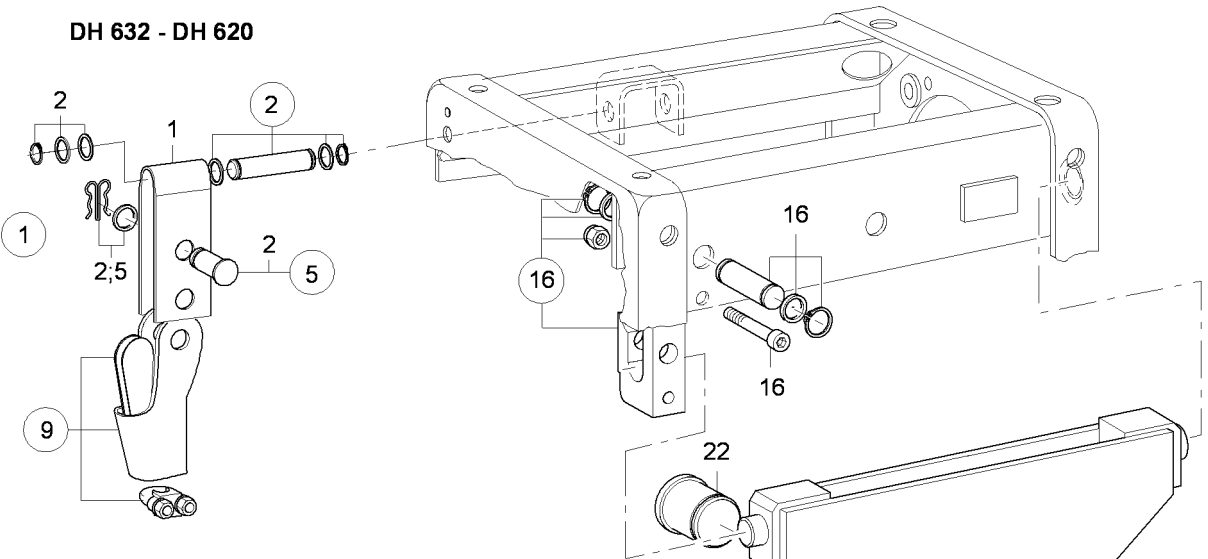
21773044010

1) Check suspension of rope retaining crosshead. When fitting the rope retaining crosshead, it must be ensured that the retaining ring engages the groove in the pin. After fitting, it must be possible to turn the retaining ring easily.

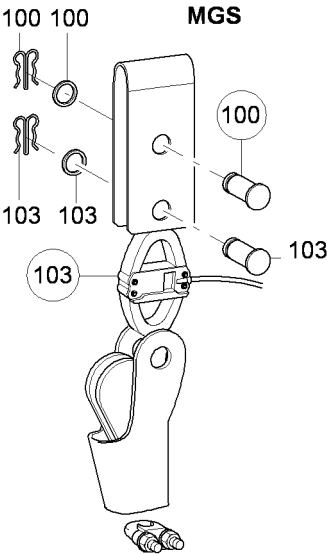
2) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.

3) Check during maintenance. Check play of setpin in the bore hole of the rope retaining crosshead plate (max. wear in the plate 1 mm) After fitting, it must be possible to turn the retaining ring easily.

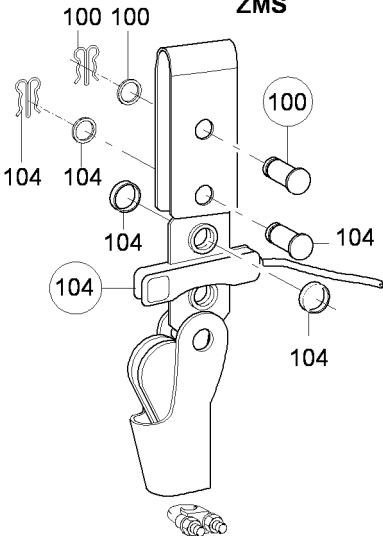
DH 632 - DH 620



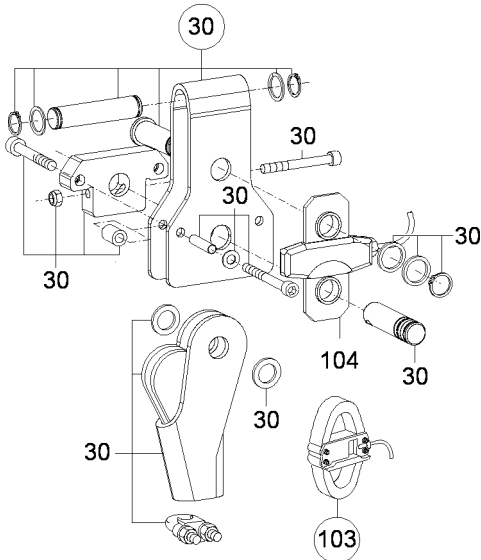
DH 632 - DH 620
MGS



DH 632 - DH 620
ZMS



DH 640 - ZMS/MGS



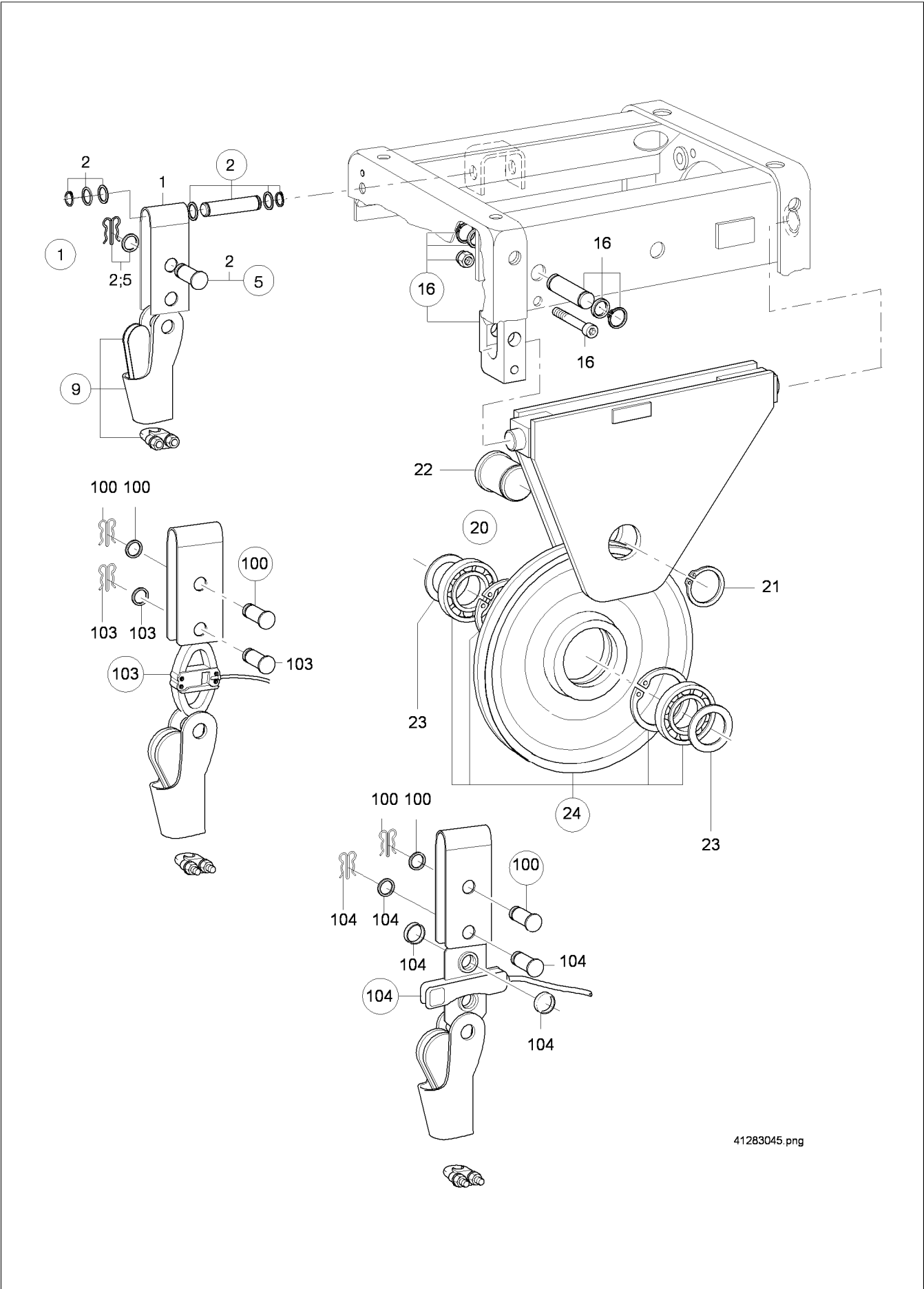
Rope retaining crosshead and return sheave 280/14, 4/1 reeving

DH 640, 632, 625, 620

Item	Part no.	Quantity	Designation		Material	RSP
			Rope retaining crosshead DH 640 - 616, (640 without MGS/ZMS)			
1	82821233	1	Rope wedge crosshead DH 600	c/w items 2, 5, 9, 1), 2)	Set	
2	82357833	1	Pin connection set 2/1	2), 3)	DH 500	
5	82358033	1	Bolt connection set + spring clip	2), 4)	25x65	
9	82831833	1	Rope anchorage set DH 600	2), 4)		
16	82318433	1	Mounting parts top block Set		DH 500	
20	82824944	1	Top block 280 14 5- 600 4/1	c/w items 21 - 24, 27, 28, 2)		
21	34255299	1	Retaining ring 55X2		FedSt IL	
22	82883344	1	Setbolt 55g6X75,5Nut		CK45N	
23	34138199	4	Shim 55X 68X1		St2K50	
24	82968244	1	Rope sheave 280-14 hart		5- 600	
27	34348399	1	Supporting plate 55X 68X3		Fedst	
28	34138199	1	Shim 55X 68X1	5)	St2K50	
100	82358033	1	Bolt connection set + spring clip	2), 4)	25x65	
103	49160633	1	Unit MGS 3,15 T	DH 632	DH532	
103	49159233	1	Unit MGS 2,5 T Set	DH 625	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 620	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 632 - DH 620	DH500/600	
			Rope retaining crosshead DH 640 without/with MGS/ZMS			
20	82824944	1	Top block 280 14 5- 600 4/1	c/w items 21 - 24, 27, 28, 2)		
21	34255299	1	Retaining ring 55X2		FedSt IL	
22	82883344	1	Setbolt 55g6X75,5Nut		CK45N	
23	34138199	1	Shim 55X 68X1		St2K50	
24	82968244	1	Rope sheave 280-14 hart		5- 600	
27	34348399	1	Supporting plate 55X 68X3		Fedst	
28	34138199	1	Shim 55X 68X1	5)	St2K50	
30	82894033	1	Rope wedge crosshead DH 640	c/w item 47, 2), 3)		
103	49169233	1	Unit MGS 2,0 T Set	DH 640	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 640	DH500/600	

21773044011

- 1) DH 640 without MGS/ZMS.
- 2) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.
- 3) Check suspension of rope retaining crosshead. When fitting the rope retaining crosshead, it must be ensured that the retaining ring engages the groove in the pin. After fitting, it must be possible to turn the retaining ring easily.
- 4) Check during maintenance. Check play of setpin in the bore hole of the rope retaining crosshead plate (max. wear in the plate 1 mm) Make sure that the double spring clip is latched.
- 5) Shim to compensate for tolerance.



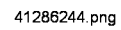
Rope retaining crosshead and return sheave 365/14, 4/1 reeving

DH 616

Item	Part no.	Quantity	Designation		Material	RSP
1	82821233	1	Rope wedge crosshead DH 600	c/w items 2, 5, 9, 1), 2)	Set	
2	82357833	1	Pin connection set 2/1	1), 2)	DH 500	
5	82358033	1	Bolt connection set + spring clip	2), 3)	25x65	
9	82831833	1	Rope anchorage set DH 600	2), 3)		
16	82318433	1	Mounting parts top block Set		DH 500	
20	82826044	1	Top block 365 14 5- 600 4/1	c/w items 21 - 24, 2)		
21	34256099	1	Retaining ring 70X2,5		FedSt !L	
22	82826444	1	Setbolt 70g 6X 77Nut		CK45N	
23	34137799	2	Shim 70X 90X1		St2K50	
24	82967244	1	Rope sheave 365-14 hart		5- 600	
100	82358033	1	Bolt connection set + spring clip	2), 3)	25x65	
103	49179233	1	Unit MGS 1,6 T Set	DH 616	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 616	DH500/600	

21773044013

- 1) Check suspension of rope retaining crosshead. When fitting the rope retaining crosshead, it must be ensured that the retaining ring engages the groove in the pin. After fitting, it must be possible to turn the retaining ring easily.
- 2) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.
- 3) Check during maintenance. Check play of setpin in the bore hole of the rope retaining crosshead plate (max. wear in the plate 1 mm) Make sure that the double spring clip is latched.



Compensating sheave 160/11, H12, H20, ZMS/MGS, 4/2 reeving

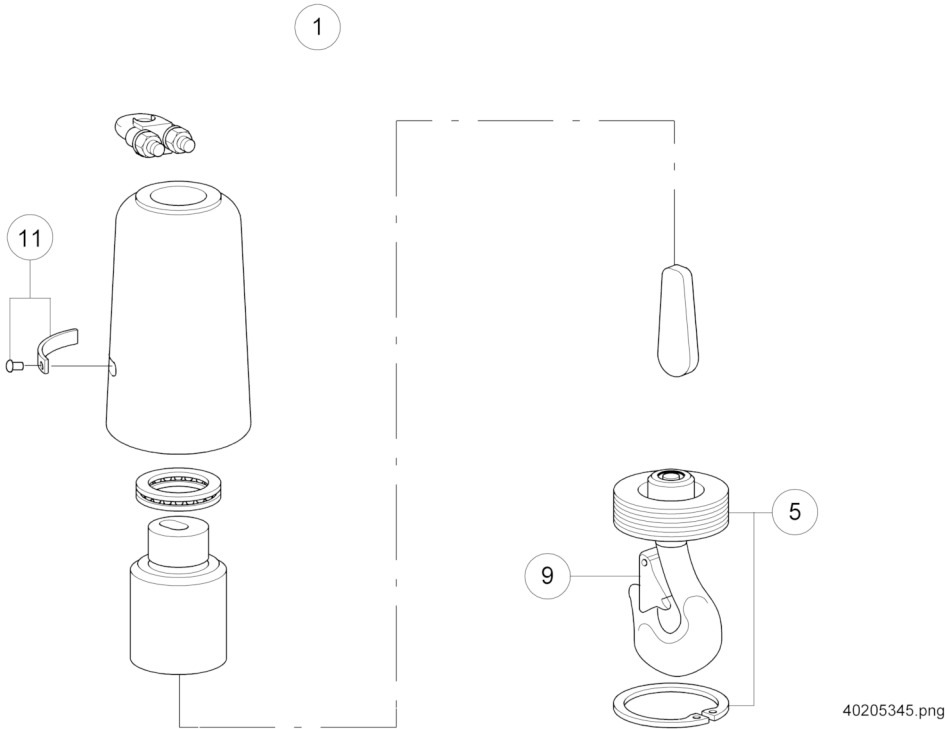
DH 600

Item	Part no.	Quantity	Designation		Material	RSP
1	82827033	1	Compensating sheave set 160/11 H12	1)	DH 5-600	
1	82827233	1	Compensating sheave set 160/11 H20	1)	DH 5-600	
2	90479046	1	Compensating sheave DH 640 H12	MGS, c/w item 13, 1)	MGS 4/2	
2	90479246	1	Compensating sheave DH 640 H20	MGS, c/w item 13, 1)	MGS 4/2	
2	90480746	1	Compensating sheave DH500600H12	ZMS, c/w item 12, 1)	ZMS 4/2	
2	90480946	1	Compensating sheave DH516616H12	MGS, c/w item 13, 1)	MGS 4/2	
2	90481046	1	Compensating sheave DH520620H12	MGS, c/w item 13, 1)	MGS 4/2	
2	90481146	1	Compensating sheave DH525625H12	MGS, c/w item 13, 1)	MGS 4/2	
2	90481246	1	Compensating sheave DH532632H12	MGS, c/w item 13, 1)	MGS 4/2	
2	90481346	1	Compensating sheave DH500600H20	ZMS, c/w item 12, 1)	ZMS 4/2	
2	90481546	1	Compensating sheave DH516616H20	MGS, c/w item 13, 1)	MGS 4/2	
2	90481646	1	Compensating sheave DH520620H20	MGS, c/w item 13, 1)	MGS 4/2	
2	90481746	1	Compensating sheave DH525625H20	MGS, c/w item 13, 1)	MGS 4/2	
2	90481846	1	Compensating sheave DH532632H20	MGS, c/w item 13, 1)	MGS 4/2	
3	82318433	1	Mounting parts top block Set		DH 500	
9	82829044	1	Rope sheave 160-11Ausg.R		500	
12	49139133	1	Strain gauge car.link set ZMS 1,25t	DH 616, DH 620, DH 625, DH 632	DH,PLV,P	
12	49160033	1	Strain gauge car.link set ZMS 2,00t	DH 640	DH300/500	
13	49159633	1	Unit MGS 1,6 T Set	DH 640	DH300/400	
13	49169633	1	Unit MGS 1,25 T Set	DH 632	DH212,312	
13	49179633	1	Unit MGS 1,0 T Set	DH 625	DH210,310	
13	49169133	1	Unit MGS 0,8 T Set	DH 620	DH168,P,PL	
13	49179133	1	Unit MGS 0,624 T Set	DH 616	DH166,P,PL	

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Hook with fittings,
1/1 reeving

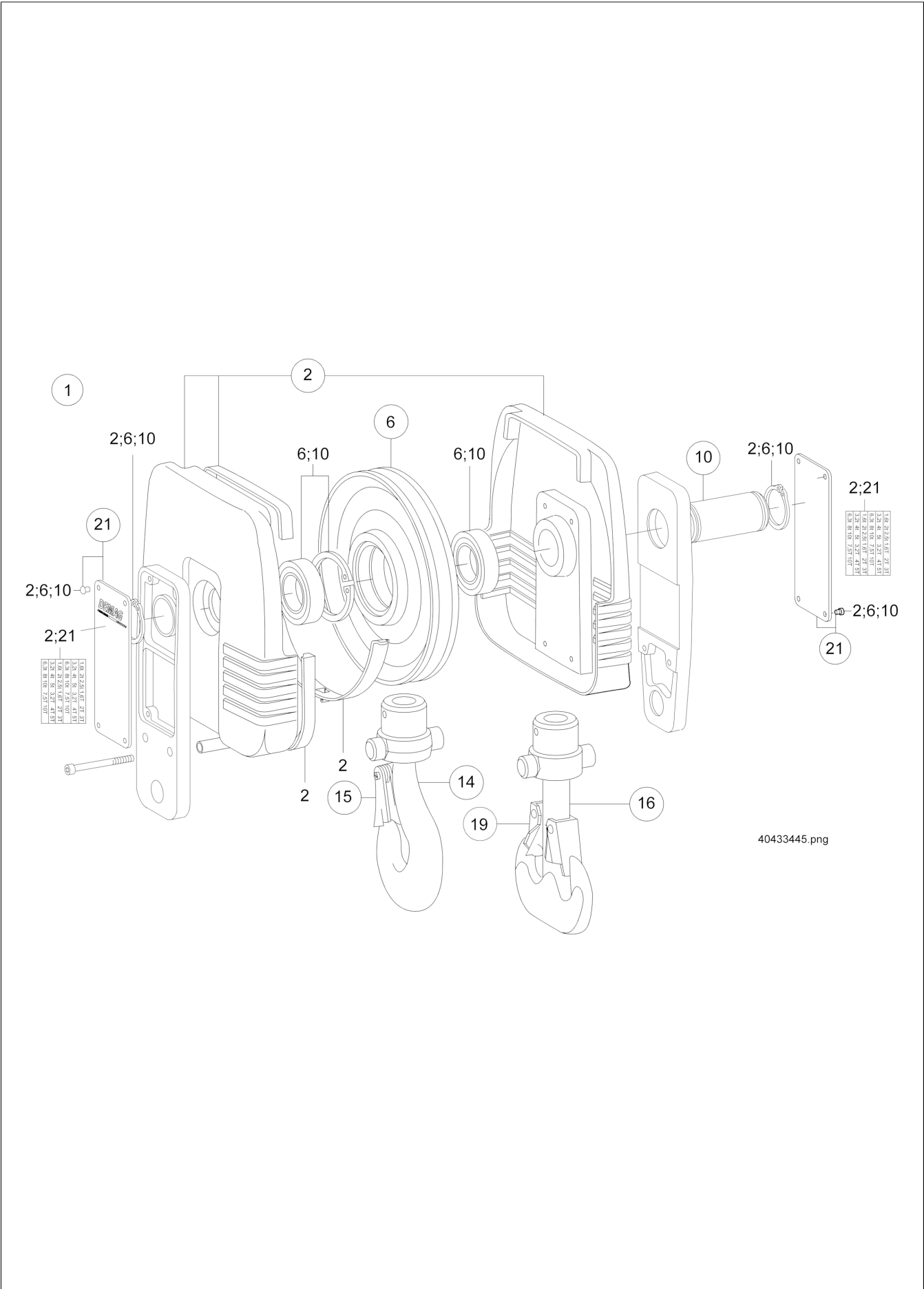
DH 632 - 1Am
DH 625 - 2m
DH 620 - 3m
DH 616 - 4m



Hook with fittings,
1/1 reeving

DH 632 - 1Am
DH 625 - 2m
DH 620 - 3m
DH 616 - 4m

Item	Part no.	Quantity	Designation		Material	RSP
1	59370033	1	Hook fittings 1/1		DH500/600	
5	59276033	1	Simple load hook GSN 2,5	c/w item 9	1/1	
9	34182633	1	Hook safety catch 2,5			
11	71392233	1	Capacity plate set		P/DH	
						21773044015

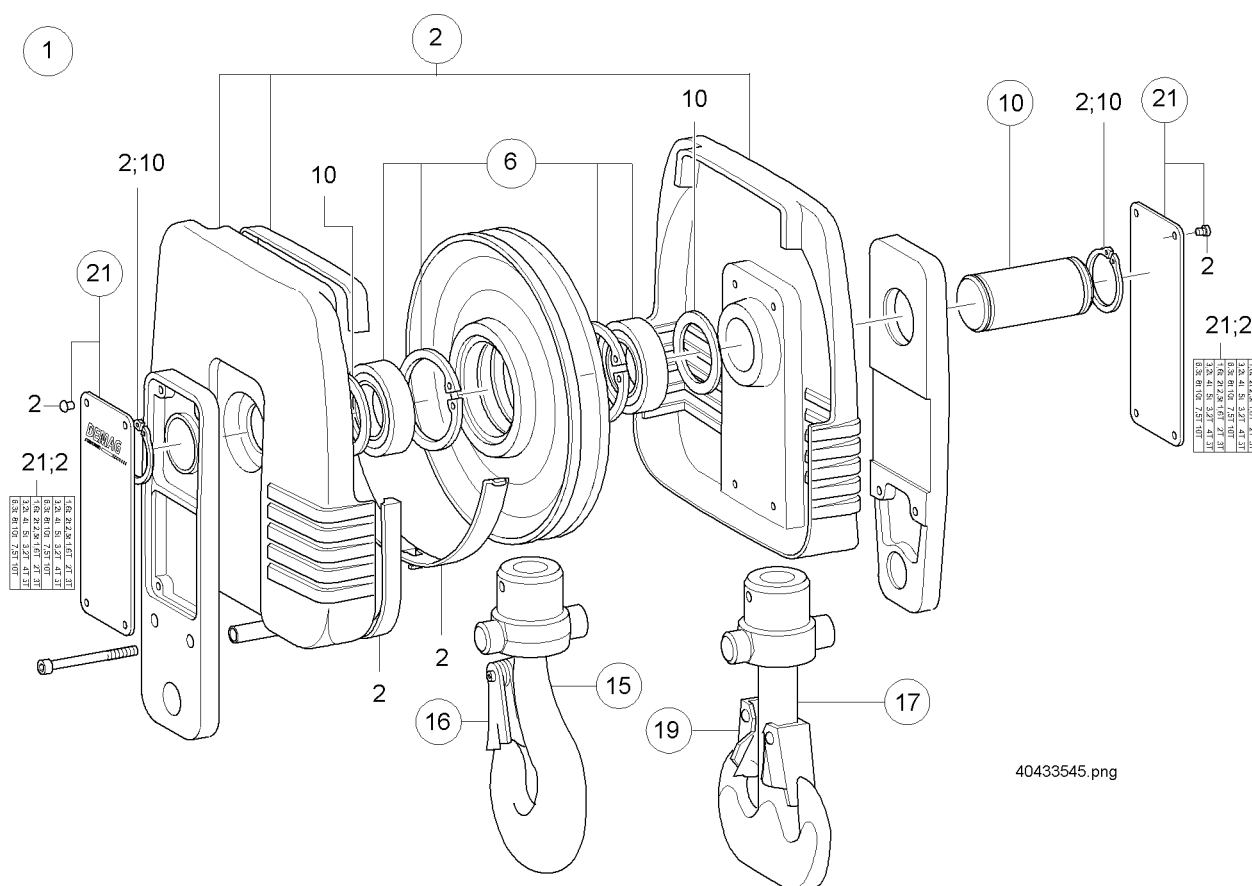


Bottom block 280/14, 2/1 reeving

DH 640, 632, 625, 620

Item	Part no.	Quantity	Designation		Material	RSP
1	82921933	1	Single-sheave bott.block 280/14		DH / DR 10	
2	70587933	1	Rope sheave hood set 2/1 4m	c/w item 21		
6	70585333	1	Rope sheave set DR10 2/1		4m	
10	82920933	1	Pin bottom block DH400		55x121	
14	15084333	1	Simple hook with cross beam BSN 2,5T	c/w item 15		
15	34182633	1	Hook safety catch 2,5			
16	15084533	1	Double hook with cross beam BSN 2,5-T	c/w item 19		
19	34187433	1	Hook safety catch E 1 /D 1- 2		K060-1.1,6	
21	71390033	1	Capacity plate set Neutral		DH / DR	

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Bottom block 365/14,
2/1 reeving

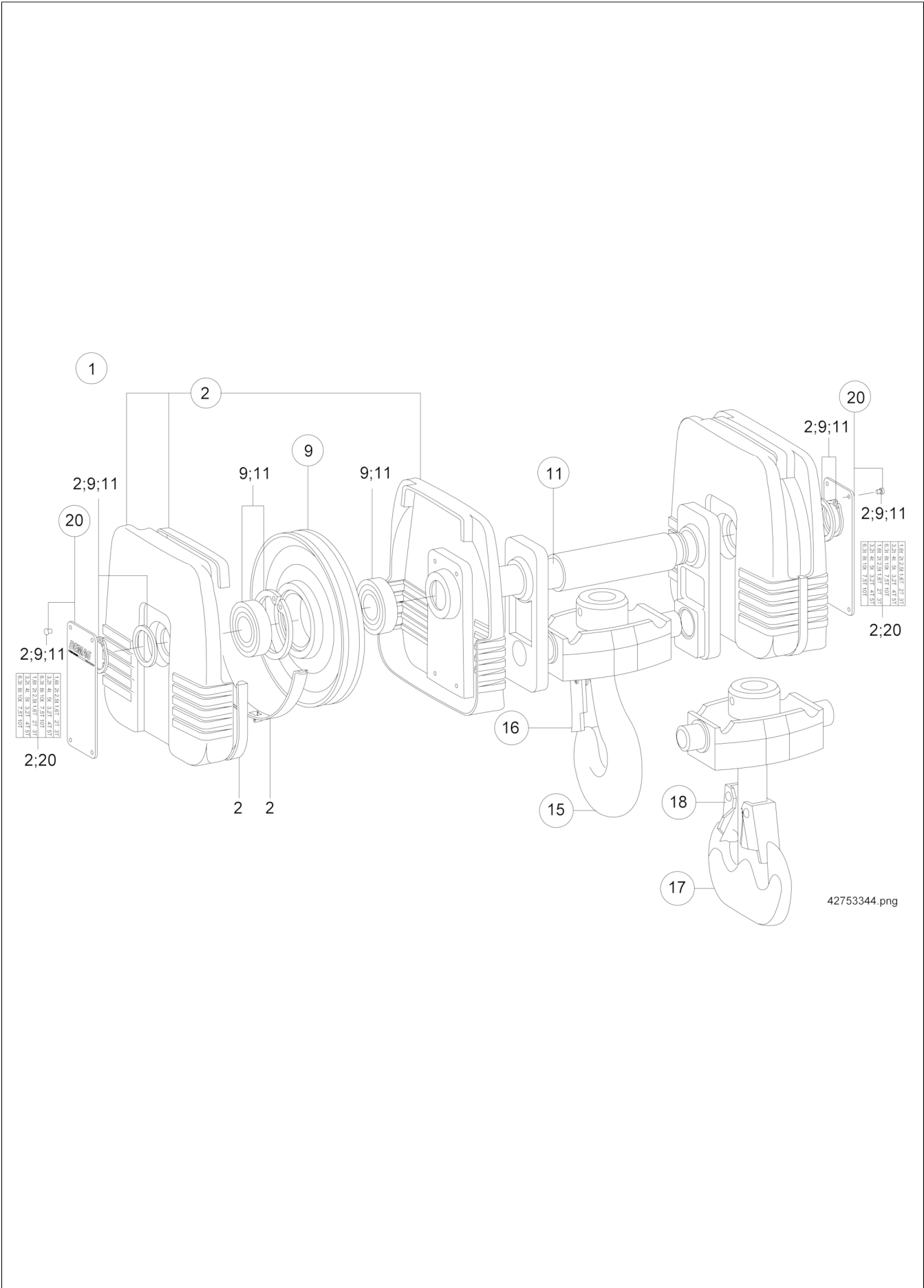
DH 616 - 4m

Item	Part no.	Quantity	Designation		Material	RSP
1	82922033	1	Single-sheave bott.block 365/14		DH 500/600	
2	82930533	1	Rope sheave hood 2/1 2m	c/w item 21	365/20	
6	82967133	1	Rope sheave set 365 14 Hart		DH 5-600	
10	82930933	1	Set of pins 70x149			
15	15084833	1	Simple hook with cross beam BSN 5 S	c/w item 16		
16	34187933	1	Hook safety catch E 5 /D 6		K060- 5	
17	15085133	1	Double hook with cross beam BSN 5 -S	c/w item 19		
19	34187733	1	Hook safety catch E 2- 4/D 4- 5		K060-2,5.4	
21	71390033	1	Capacity plate set Neutral		DH / DR	

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Bottom block 280/14,
4/1 reeving

DH 640 - 1Bm
DH 632 - 1Am
DH 625 - 2m
DH 620 - 3m

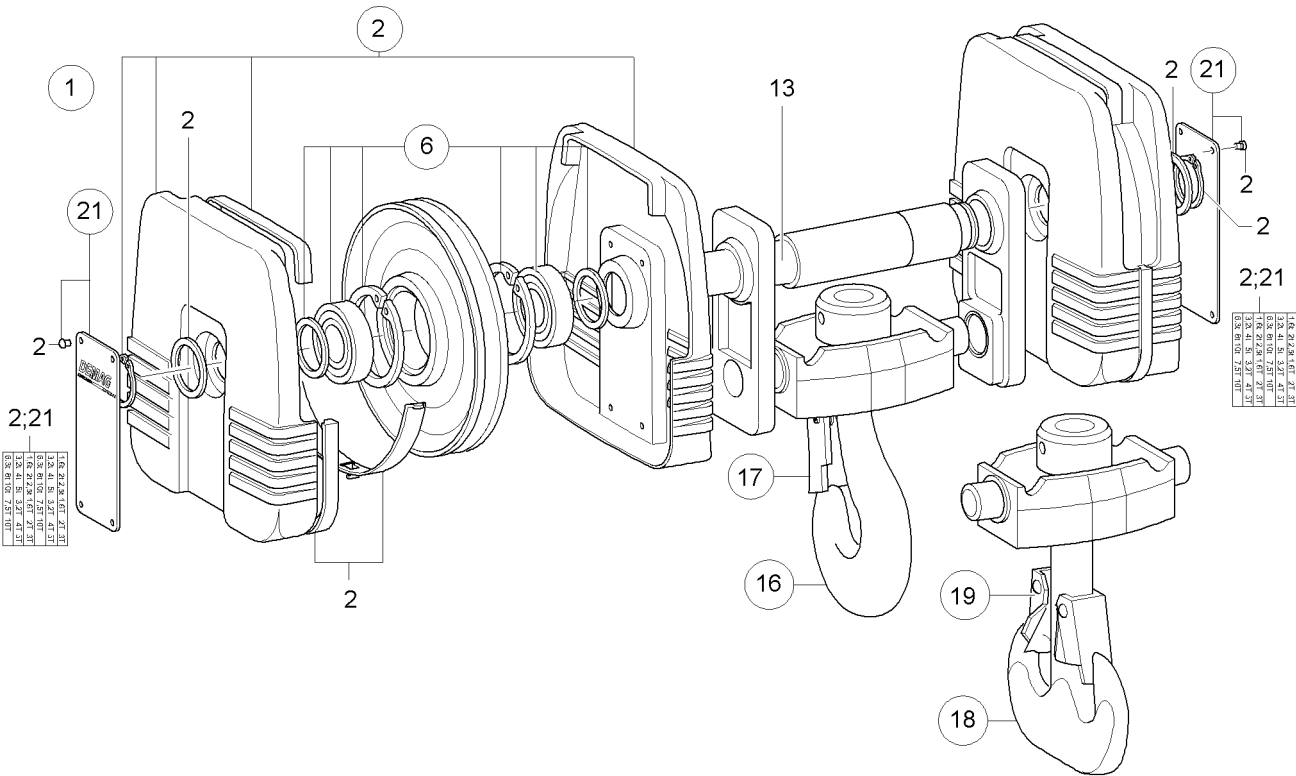


Bottom block 280/14,
4/1 reeving

DH 640 - 1Bm
DH 632 - 1Am
DH 625 - 2m
DH 620 - 3m

Item	Part no.	Quantity	Designation		Material	RSP
1	82926033	1	Bottom block 2-sheave 280/14		DH / DR 10	
2	70598333	1	Rope sheave hood set 4/1 4m	c/w item 20		
9	82968233	1	Rope sheave Ufl.4/2 2m,3m	4/1	280/14	
11	47932333	1	Set of pins 280 55x369 4/1		Unterfl.	
15	82926133	1	Simple hook with cross beam GSN 5 S	c/w item 16	b1=150mm	
16	34187933	1	Hook safety catch E 5 /D 6		K060- 5	
17	82926933	1	Double hook with cross beam BSN 5 -S	c/w item 18		
18	34187733	1	Hook safety catch E 2- 4/D 4- 5		K060-2,5.4	
20	71390033	1	Capacity plate set Neutral		DH / DR	

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Bottom block 365/14,
4/1 reeving

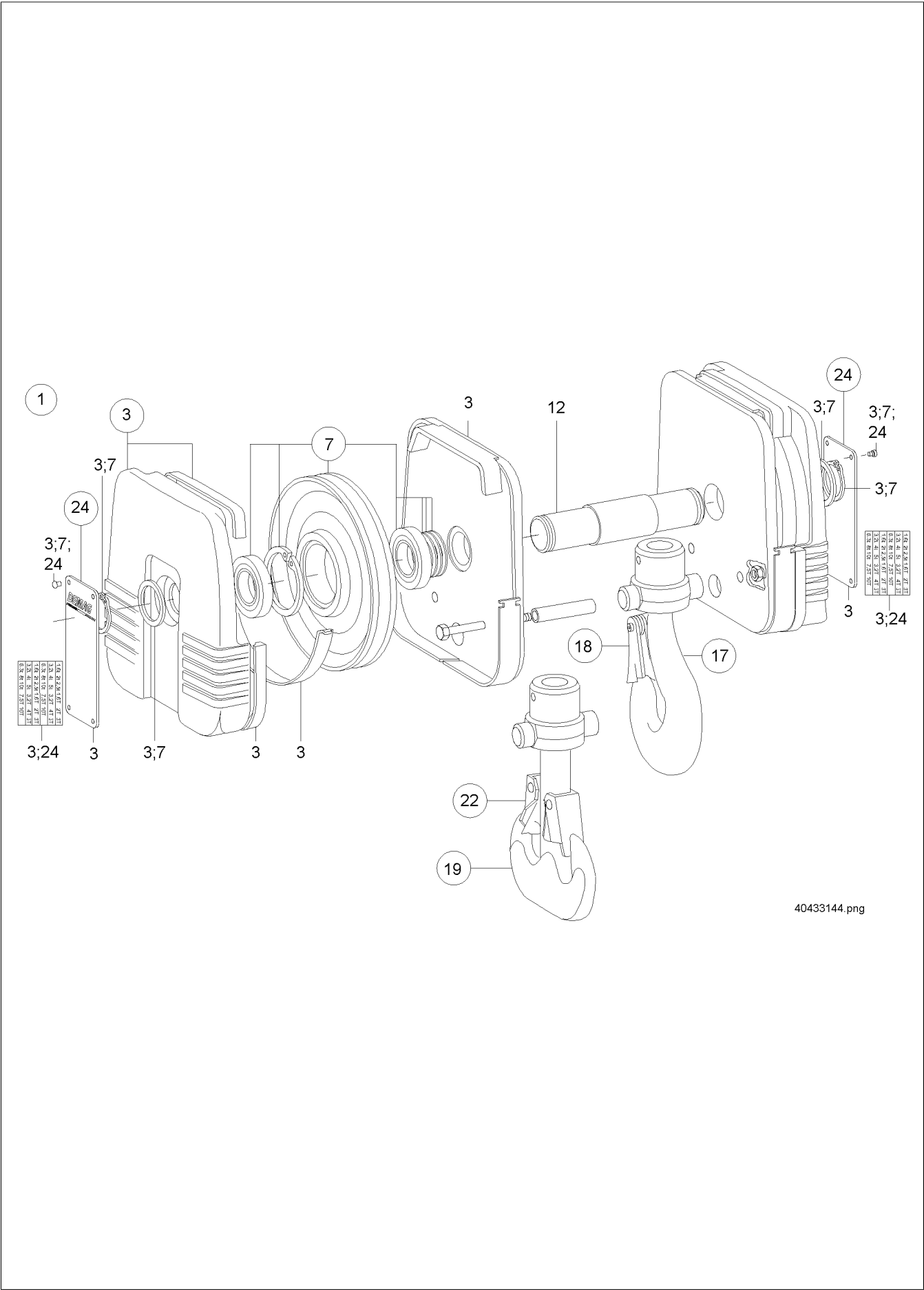
DH 616 - 4m

Item	Part no.	Quantity	Designation		Material	RSP
1	82925033	1	Bottom block 2-sheave 365/ 14		DH 500/600	
2	82930533	2	Rope sheave hood 2/1 2m	c/w item 21	365/20	
6	82967233	1	Rope sheave Ufl. 4/2 4m		365/14	
13	82925144	1	Pin 70h 8x 474 Nut		C45SH	
16	82924233	1	Simple hook with cross beam GSN 5 S	c/w item 17	b1=220mm	
17	34187933	1	Hook safety catch E 5 /D 6		K060- 5	
18	82924644	1	Double load hook GSN 5-S +TRAV	c/w item 19		
19	34187733	1	Hook safety catch E 2- 4/D 4- 5		K060-2,5.4	
21	71390033	1	Capacity plate set Neutral		DH / DR	

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Bottom block 225/11,
4/2 reeving

DH 640 - 1Bm
DH 632 - 1Am
DH 625 - 2m
DH 620 - 3m

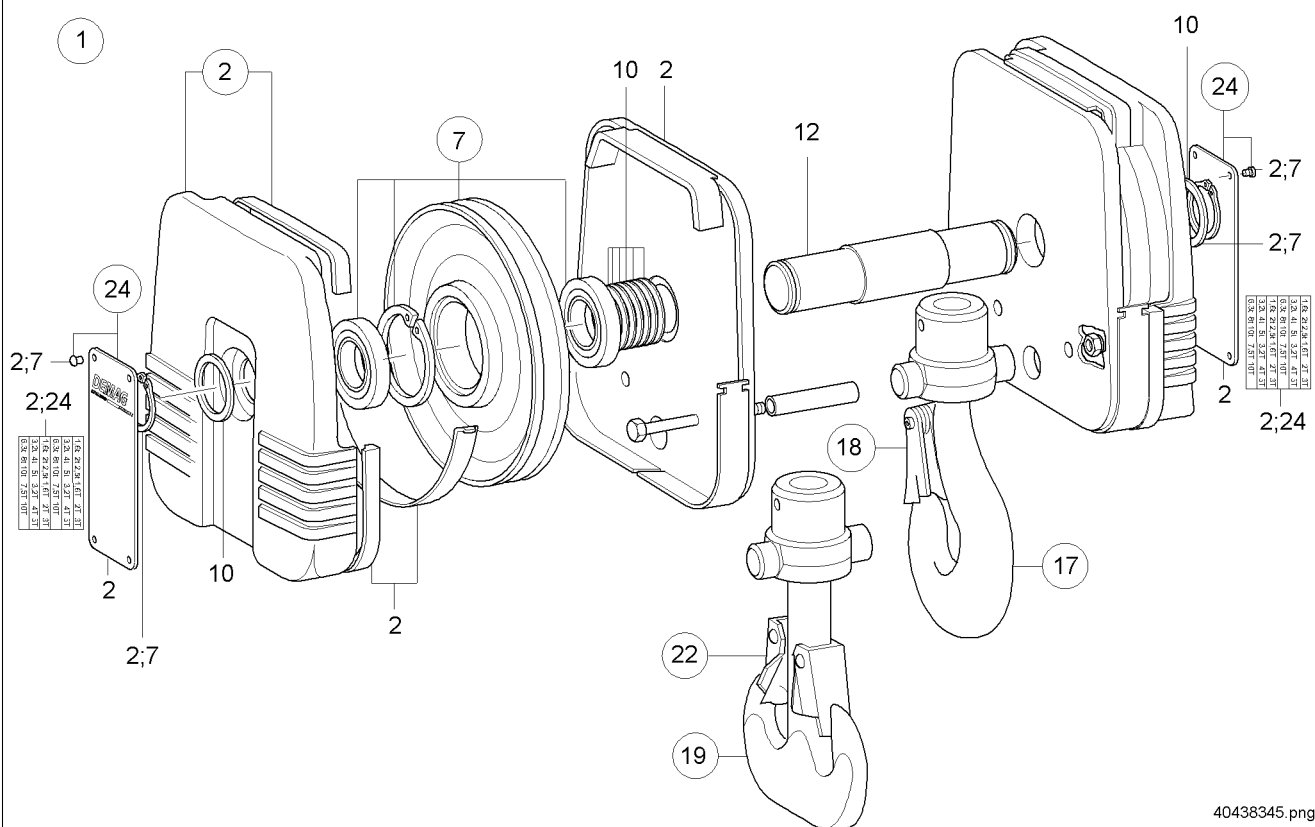


Bottom block 225/11,
4/2 reeving

DH 640 - 1Bm
DH 632 - 1Am
DH 625 - 2m
DH 620 - 3m

Item	Part no.	Quantity	Designation	Material	RSP
1	82926833	1	Bottom block 2-sheave 225/11	DH / DR 10	
3	70598233	1	Rope sheave hood set 4/1, 4/2		
7	82911233	1	Rope sheave set 225/11	DH 300	
12	82927244	1	Pin 45h 8x 217 Nut	C45SH	
17	15084333	1	Simple hook with cross beam BSN 2,5T		c/w item 18
18	34182633	1	Hook safety catch 2,5		
19	15084533	1	Double hook with cross beam BSN 2,5-T		c/w item 22
22	34187433	1	Hook safety catch E 1 /D 1- 2	K060-1.1,6	
24	71390033	1	Capacity plate set Neutral	DH / DR	

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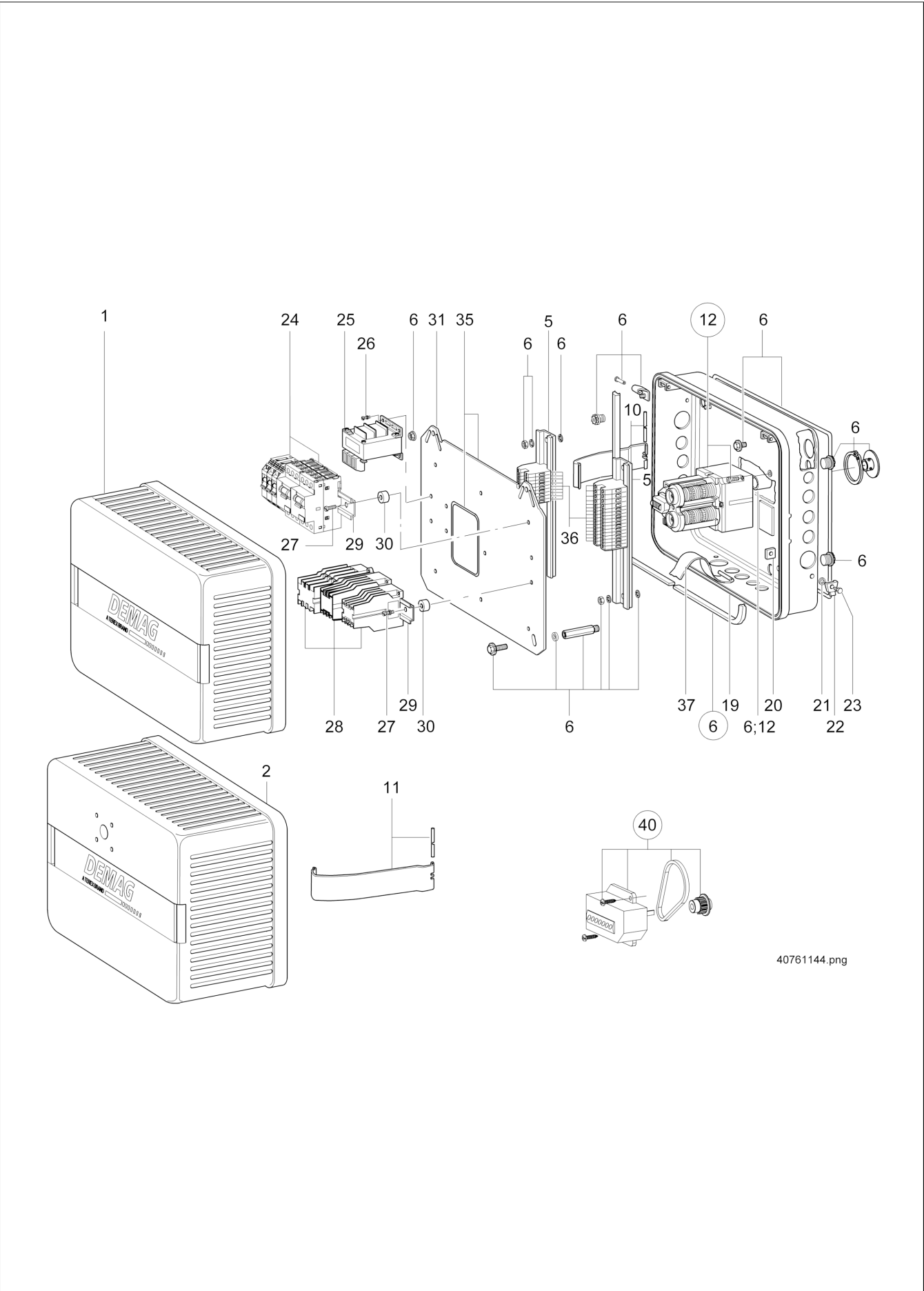


Bottom block 280/11,
4/2 reeving

DH 616 - 4m

Item	Part no.	Quantity	Designation	Material	RSP
1	82928033	1	Bottom block 2-sheave 280/ 11	DH 500/600	
2	70587933	1	Rope sheave hood set 2/1 4m		
7	82968533	1	Rope sheave set 280/11,3	DH 300	
10	34138199	16	Shim 55X 68X1	St2K50	
12	82928944	1	Pin 55h 8x 233 Nut	C45SH	
17	15084333	1	Simple hook with cross beam BSN 2,5T		c/w item 18
18	34182633	1	Hook safety catch 2,5		
19	15084533	1	Double hook with cross beam BSN 2,5-T		c/w item 22
22	34187433	1	Hook safety catch E 1 /D 1- 2	K060-1.1,6	
24	71390033	1	Capacity plate set Neutral	DH / DR	

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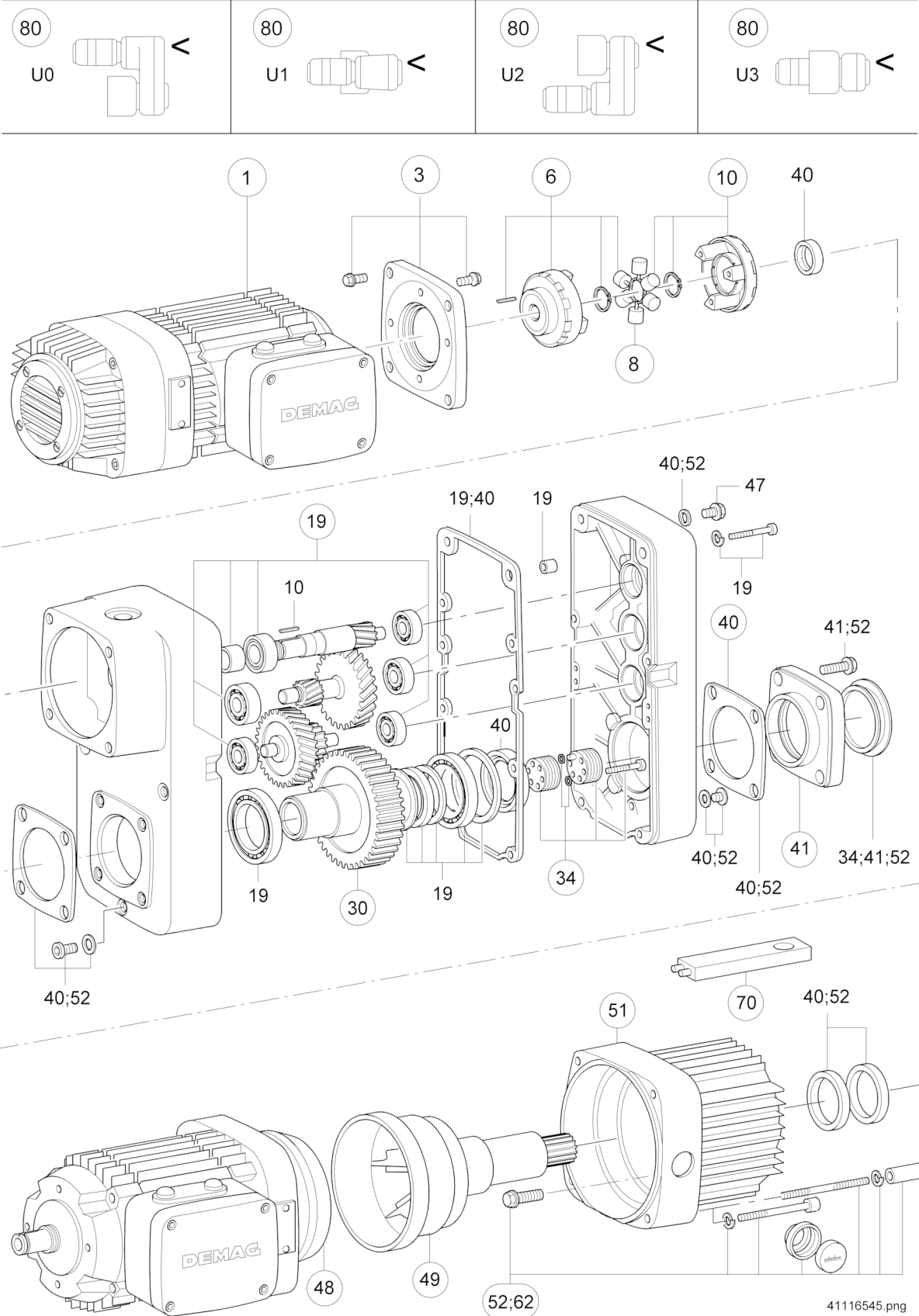
Item	Part no.	Quantity	Designation		Material	RSP
1	36031446		1 Hood DH 500		ST1403M	
2	36033346		1 Hood long DH 500		ST1403M	
5	89493644		2 Supporting rail 35 / 7,5X 270M		FE-ZN8C-C	
6	82309533		1 Mounting parts set DH 500/600		Elektrik	
10	36051946		2 Spring holder short		X12CRNi177	
11	36051146		2 Spring holder long		X12CRNi177	
12	87520033		1 Geared limit switch set DGS 3 -142	1)	DH	
12	87520133		1 Geared limit switch set DGS 4 -142	1)	DH	
19	36031646		1 Housing lower part DH 500- 600		n.Zchnng.	
20	98115244		2 Square nut M 6X 20X 5	2)	1.0036 ZN	
21	34087544		2 Washer 6 X 10 X 2,5	2)	14PA101	
22	50441944		2 Strainer terminal	2)	ST37	
23	30740399		2 Hexagonal screw M 6 X 12	2)	8.8 A2F	
24			Line protection unit	3)		
25			Transformer	3)		
26	31892599		4 Cylinder screw M 4 X 8 Z3	3)	4.8 A2F	
27	31895899		8 Cylinder screw M 5 X 22Z4-1	3)	4.8 A2F	
28			Contacto	3)		
29			Supporting rail	3)		
30	89487444		8 Washer 6,3X 20 X10	3)	PA SW	
31			Mounting plate	3)		
35	89502444		1 Edge cover 1,5	1 meter	DX 1,5	
36			Terminal clip	3)		
37	36030246		1 Hinge profile DH300/500		CR,80SHORE	
40	87530244		1 Service pack counter DGS			

21730644022

1) The bolted connections to DIN 912 must be secured with Loctite 290. Order no. 007 275 84.

2) Only for control from the crab.

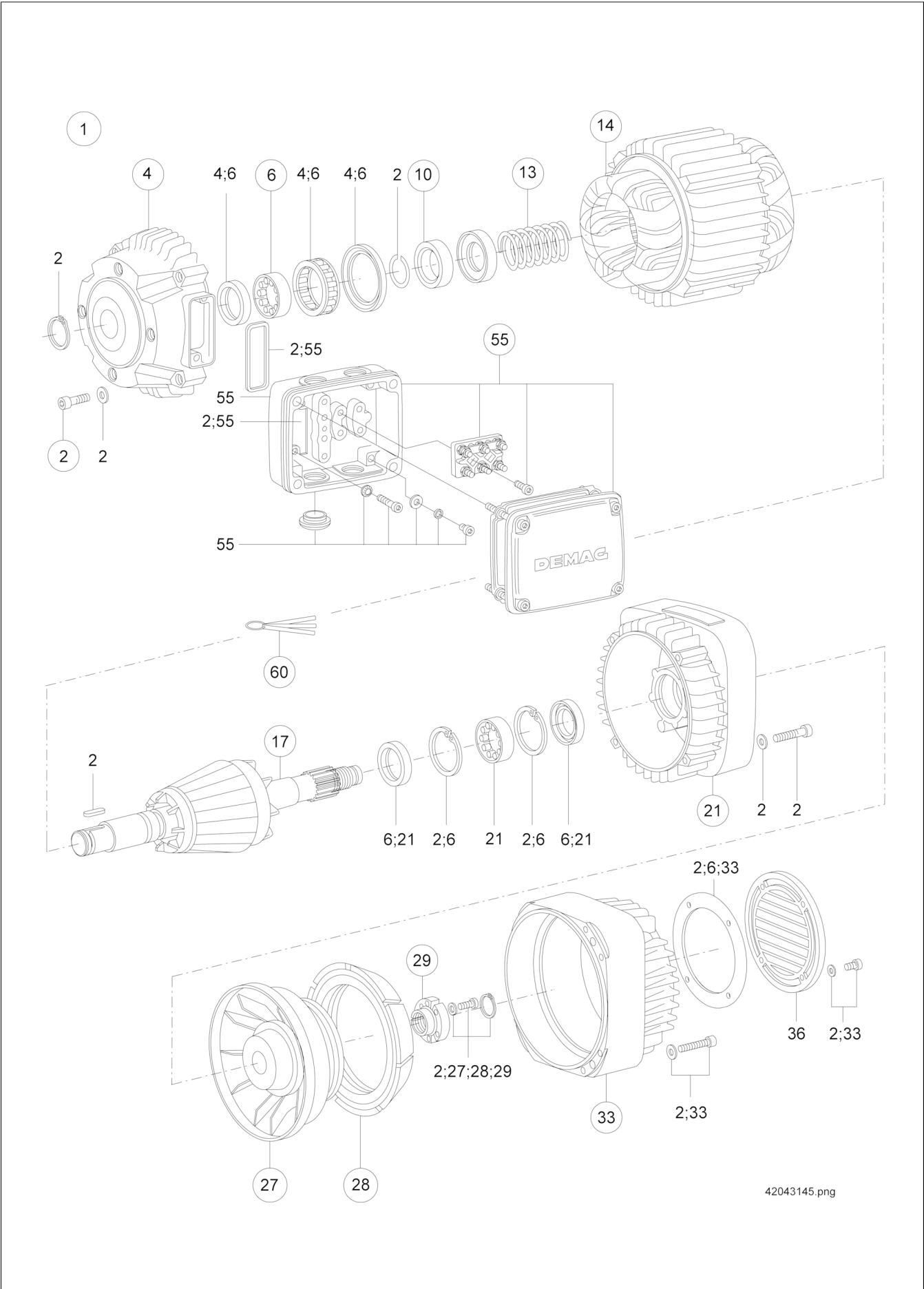
3) depending on the application.



Item	Part no.	Quantity	Designation		Material	RSP
1			Motor KBA 71	1)		
1			Motor KBA 80	2)		
1			Motor KBA 90	3)		
3	35189133	1	Coupling flange set	Mot. 71	Mot71_FG08	
3	71522233	1	Set intermediate flange 160.2	Mot. 80/90	MOT 80- 90	
6	35190533	1	Coupling set M H1N-16	Mot. 71		
6	35190733	1	Coupling set M H1N-19	Mot. 80		
6	35190933	1	Coupling set M H1N-24	Mot. 90		
8	75226033	1	Roller spider coupling H1			
10	35193233	1	Coupling set G H1N-24			
19	35060133	1	Bearing set FG08	4), 5)		
30	71735233	1	Hollow shaft set FG08 U-Ausf	1 : 10	4,02 -14,3	
34	35064133	1	Brake stroke adjustment set FG08			
40	35060233	1	Seal set FG08	4), 5)		
41	35060333	1	Bearing cover set FG08			
47	728898	1	Bleeding valve A M12X1,5	6)	S0,02-0,04	
48			Motor KBH 112	7)		
48			Motor KBH 125	8)		
48			Motor KBH 140	9)		
49	71786633	1	Brake shaft set FG08KB112ZN	Mot. 112		
49	71786733	1	Brake shaft set FG08KB125ZN	Mot. 125		
49	71786833	1	Brake shaft set FG08KB140ZN	Mot. 140		
51	71781433	1	Cover set FG08/KB 112	Mot. 112		
51	71781633	1	Cover set FG08/KB 125	Mot. 125		
51	71781833	1	Cover set FG08/KB 140	Mot. 140		
52	71731033	1	Mounting parts set FG08 KB		KB112-140	
62	35064033	1	Fixing set Haube FG08		KB112-160	
70	71739844	1	Adjusting wrench brake FG08			
80			< = Ventilation at highest point of gearbox			

21730644023

- 1) Spare parts see chapter "Creep hoist motor KBA 71".
2) Spare parts see chapter "Creep hoist motor KBA 80".
3) Spare parts see chapter "Creep hoist motor KBA 90".
4) Quantity 2 litres at basic form U0 and U2, part no. 472 900 44 (2.5 kg).
5) Quantity 1,5 litres at basic form U1 and U3, part no. 472 900 44 (2.5 kg).
6) For service in arduous conditions.
7) Spare parts see chapter "Main hoist motor KBH 112".
8) Spare parts see chapter "Main hoist motor KBH 125".
9) Spare parts see chapter "Main hoist motor KBH 140".



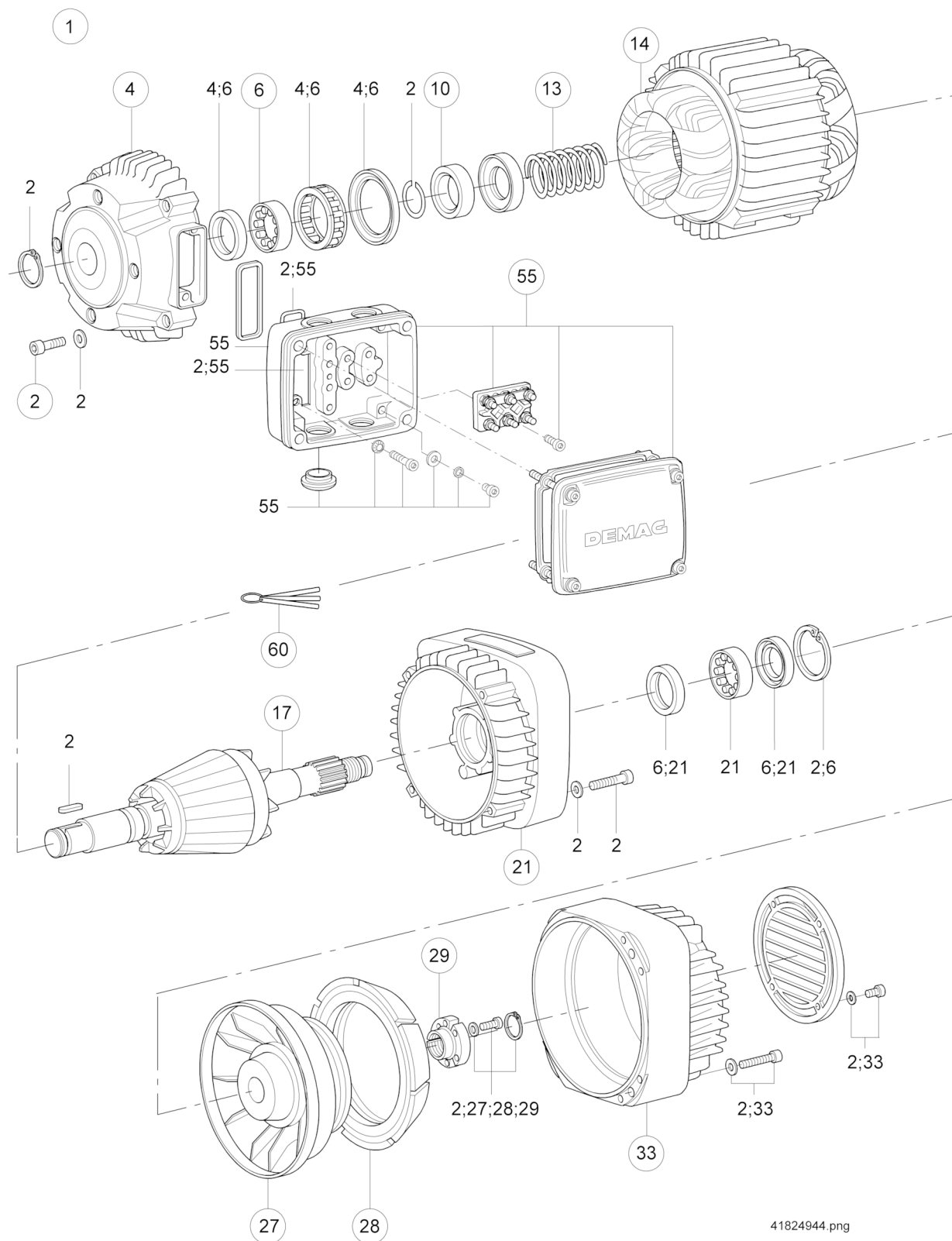
Item	Part no.	Quantity	Designation		Material	RSP
1	5004984	1	Motor KBA 71B 4 GB14		230400AB50	
2	5483533	1	Mounting parts set KB 71			
4	5460333	1	End shield set AS KB 71		GG-20	
6	5409933	1	Bearing and sealing set KB 71			
10	5480833	1	Thrust ring set KB 71	1), 2)		
13	5477984	1	Pressure spring GbGn 2,8 x 27,8 x 57	171 N	KBA 71	
14	5117784	1	Stator KBA 71B 4 AB	1), 2)	230/400V50	
17	5437584	1	Rotor KBA 71B 2 KUP	1), 2)		
21	5460633	1	End shield set BS KB 71			
27	5479133	1	Brake set light wide KB71		breit	
28	5478633	1	Conical brake ring KB 71 b			
29	5471433	1	Clamping nut set KB71			
33	5409833	1	Brake cover set STD+STD		KB71	
33	5409733	1	Brake cover set ZN+STD	3)	KB71	
36	5471984	1	Louver KB 71		ENAB-47100	
55	3612833	1	Terminal box set KB 71-90			
60	10015084	3	Feeler gauge set		KB 71, 80	

21730144023

1) When ordering a rotor or stator, thrust rings (item 10) and feeler gauge (item 60) must also be ordered for adjusting the correct air gap dimension.

2) Required air gap between stator bore and rotor: 0.30 mm.

3) For service in arduous conditions, galvanized brake surface.



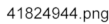
Item	Part no.	Quantity	Designation		Material	RSP
1	5517884	1	Motor KBA 80B 4 GB14		230400AB50	
2	5983533	1	Mounting parts set KB 80			
4	5960333	1	End shield set AS KB 80			
6	5909933	1	Bearing and sealing set KB 80			
10	5980833	1	Thrust ring set KB 80	1), 2)		
13	5977984	1	Pressure spring GbGn 3,4x32,4x67	300 N	KBA	
14	5618284	1	Stator KBA 80B 4 AB	1), 2)	230/400V50	
17	5932784	1	Rotor KBA 80B 4 KUP	1), 2)		
21	5960633	1	End shield set BS KB 80			
27	5979133	1	Brake set light wide KB80			
28	5978633	1	Conical brake ring KB 80 b		breit	
29	5971433	1	Clamping nut set KB80			
33	5909833	1	Brake cover set STD+STD		KB80	
33	5909733	1	Brake cover set ZN+STD	3)	KB80	
55	3612833	1	Terminal box set KB 71-90			
60	10015084	3	Feeler gauge set		KB 71, 80	

21730144024

1) When ordering a rotor or stator, thrust rings (item 10) and feeler gauge (item 60) must also be ordered for adjusting the correct air gap dimension.

2) Required air gap between stator bore and rotor: 0.30 mm.

3) For service in arduous conditions, galvanized brake surface.

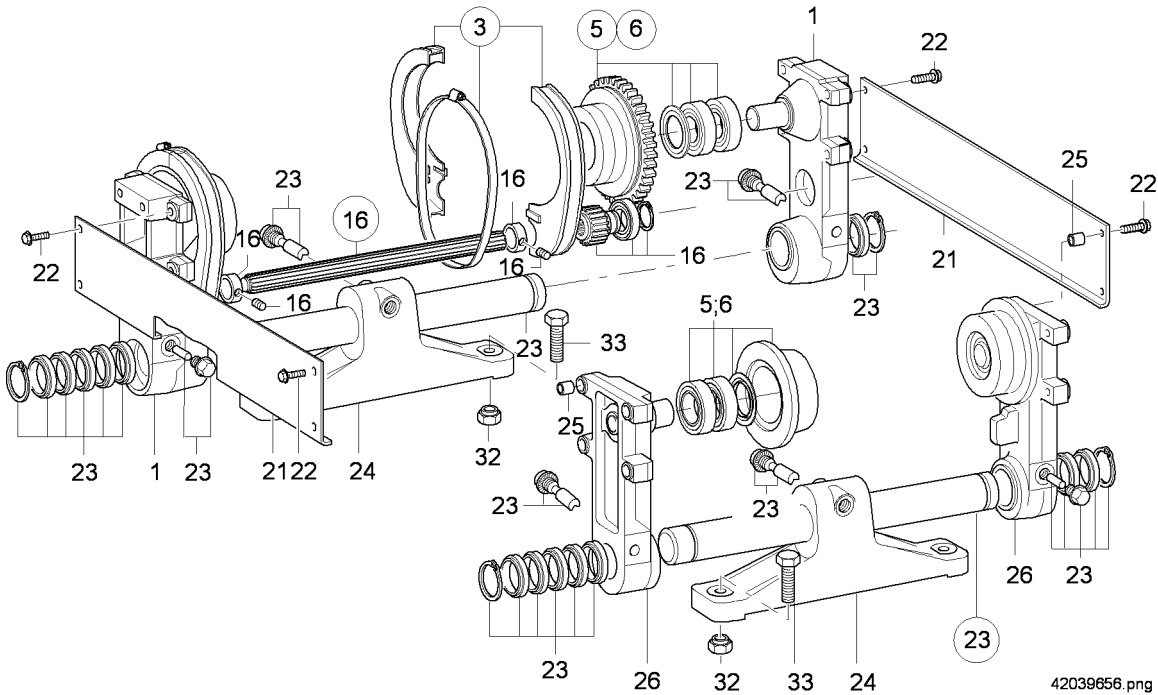


Creep hoist motor KBA 90 B 4

Item	Part no.	Quantity	Designation		Material	RSP
1	6017184	1	Motor KBA 90B 4 GB14		230400AB50	
2	6483533	1	Mounting parts set KB 90			
4	6460333	1	End shield set AS KB 90			
6	6409933	1	Bearing and sealing set KB 90			
10	6480833	1	Thrust ring set KB 90	1)		
13	6477884	1	Pressure spring GbRt 4,4 x 37,4 x 56	440 N	KBA 90	
14	6118384	1	Stator KBA 90B 4 AB	1)	230/400V50	
14	6118484	1	Stator KBA 90B 4 DB	230/400V 50 Hz, 1)	230/400V50	
17	6432684	1	Rotor KBA 90B 4 KUP	1)		
21	6460633	1	End shield set BS KB 90			
27	6479133	1	Brake set light wide KB90			
28	6478633	1	Conical brake ring KB 90 b	Form A	breit	
29	6471433	1	Clamping nut set KB90			
33	6409733	1	Brake cover set ZN+STD	2)	KB90	
33	6409833	1	Brake cover set STD+STD		KB90	
55	3612833	1	Terminal box set KB 71-90			
60	10015184	3	Feeler gauge set		KB 90,100	

21731144025

1) When ordering a rotor or stator, an air gap adjustment set (item no. 10) and feeler gauge set (item no. 60) must also be ordered for adjusting the theoretical air gap (0,30 mm).
 2) For service in arduous conditions, galvanized brake surface.

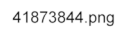


EUDH 600, Trolley size 6, 2/1 and 4/2 reeving - H12, H20

Standard-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83121944	2	Longitudinal member A Mit Bolzen		UDH 6	
3	59549433	2	Cover set Fahrwerk	1)	GR. 6	
5	75216133	1	Travel wheel set zyl.125 MZ/OZ		GR 6 4/600	
6	75217133	1	Travel wheel set keg.125 MZ/OZ		GR 6 4/600	
16	75210833	1	Pinion shaft set N25/W25x465	Fl. W. 119 - 165 mm, AMK 10	EU+KDH 6	
16	75210933	1	Pinion shaft set N25/W25x545	Fl. W. 166 - 245 mm, AMK 10	EU+KDH 6	
16	75211033	1	Pinion shaft set N25/W25x635	Fl. W. 246 - 335 mm, AMK 10	EU+KDH 6	
16	75211233	1	Pinion shaft set N30/W30x480	Fl. W. 119 - 165 mm, AUK 30	EU+KDH6+10	
16	75211333	1	Pinion shaft set N30/W30x560	Fl. W. 166 - 245 mm, AUK 30	EU+KDH6+10	
16	75211433	1	Pinion shaft set N30/W30x650	Fl. W. 246 - 335 mm, AUK 30	EU+KDH6+10	
21	83025544	2	Side plate DH 500-H12	DH 600	ST37	
21	83025644	2	Side plate DH 500-H20	DH 600	ST37	
22	10011498	8	Lock screw M10X30 VB.RIPP		100 flZnL	
23	83027833	1	Supporting pin set EUDH GR 6	Fl. W. 119 - 165 mm	FLB119-165	
23	83027933	1	Supporting pin set EUDH GR 6	Fl. W. 166 - 245 mm	FLB166-245	
24	83028444	2	Crossbeam UDH 500 GR. 6 2/1	DH 600		
25	34578399	8	Split sleeve 13 X 12		St	
26	83122444	2	Longit. member w. with pin NA UDH 6			
32	461098	4	Set nut M20		10flZnnc-L	
33	30967699	4	Hexagonal screw M20 X 60		8.8 A2F	

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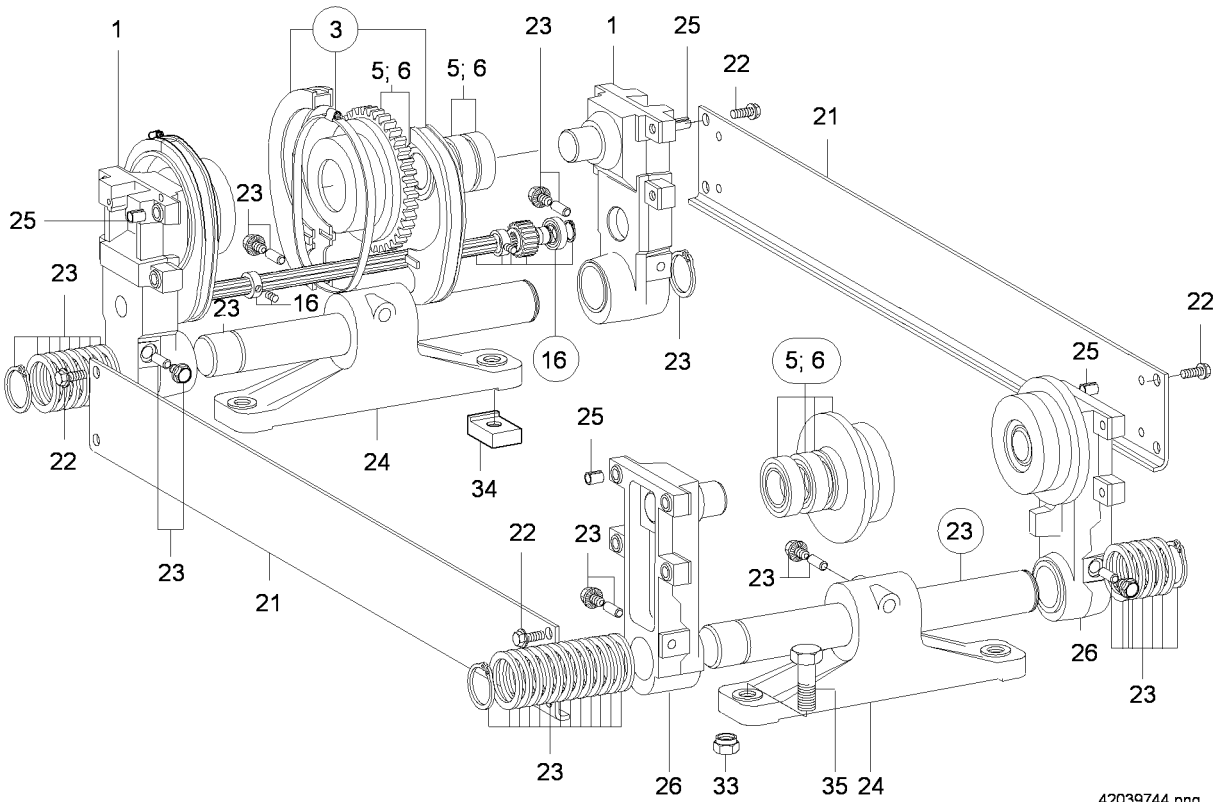
EUDH 600, Trolley size 6,
Travel drive AMK 10/AUK 30,
2/1 and 4/2 reeving - H12, H20

Standard-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83120944	1	Torque arm support GR.6-10 A20	AMK 10	S235JRG2C	
2	10011198	2	Lock screw M10X20 VB.RIPP	AMK 10	100 flZnL	
3	31923999	4	Hex.socket cylind.screw M 8 X 18	AMK 10	10.9	
			Travel speed 12.5 m/min, 3.1/12.5 m/min	1)		
5	84504046	1	Drive unit AMK10DD M0 25 25,7	DH 632, 625, 620, 616, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
5	84504546	1	Drive unit AMK10DD M0 25 25,7	DH 640, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
			Travel speed 20 m/min, 5/20 m/min	1)		
5	84504646	1	Drive unit AMK10DD M0 25 15,7	DH 625, 620, 616, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
5	84505146	1	Drive unit AMK10DD M0 25 15,7	DH 640, 632, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
0	88888888	1	Part to be ordered			
			Travel speed 31.5 m/min, 8/31,5 m/min			
5	84504746	1	Drive unit AMK10DD M0 25 10,5	DH 616, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
5	84505246	1	Drive unit AMK10DD M0 25 10,5	DH 620, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84515246	1	Drive unit AUK30DDB14 30 10,1	DH 640, 632, 625, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
			Travel speed 40 m/min, 10/40 m/min	1)		
5	84505346	1	Drive unit AMK10DD M0 25 8,3	DH 616, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84515146	1	Drive unit AUK30DDB14 30 7,8	DH 632, 625, 620, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
5	84515946	1	Drive unit AUK30DDB14 30 7,8	DH 640, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	
10	83127544	1	Torque arm support AUK30/EUDH	AUK 30, c/w items 11 - 15		
11	10011198	2	Lock screw M10X20 VB.RIPP	AUK 30	100 flZnL	
12	15049499	1	Hexagonal screw M12 X100	AUK 30	8.8 A2F	
13	33461244	1	Lock nut V M12	AUK 30	8 A2F	
14	16062399	2	Washer 13 X 35 X 5	AUK 30	C 35 H	
15	81120444	2	Spring element 13 X35X12	AUK 30	PA6 GV30	

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1) Only the 2-pole winding is connected for a single travel speed.
2) Spare parts see chapter "AMK 10 travel drive".
3) Spare parts see chapter "AUK 30 travel drive".



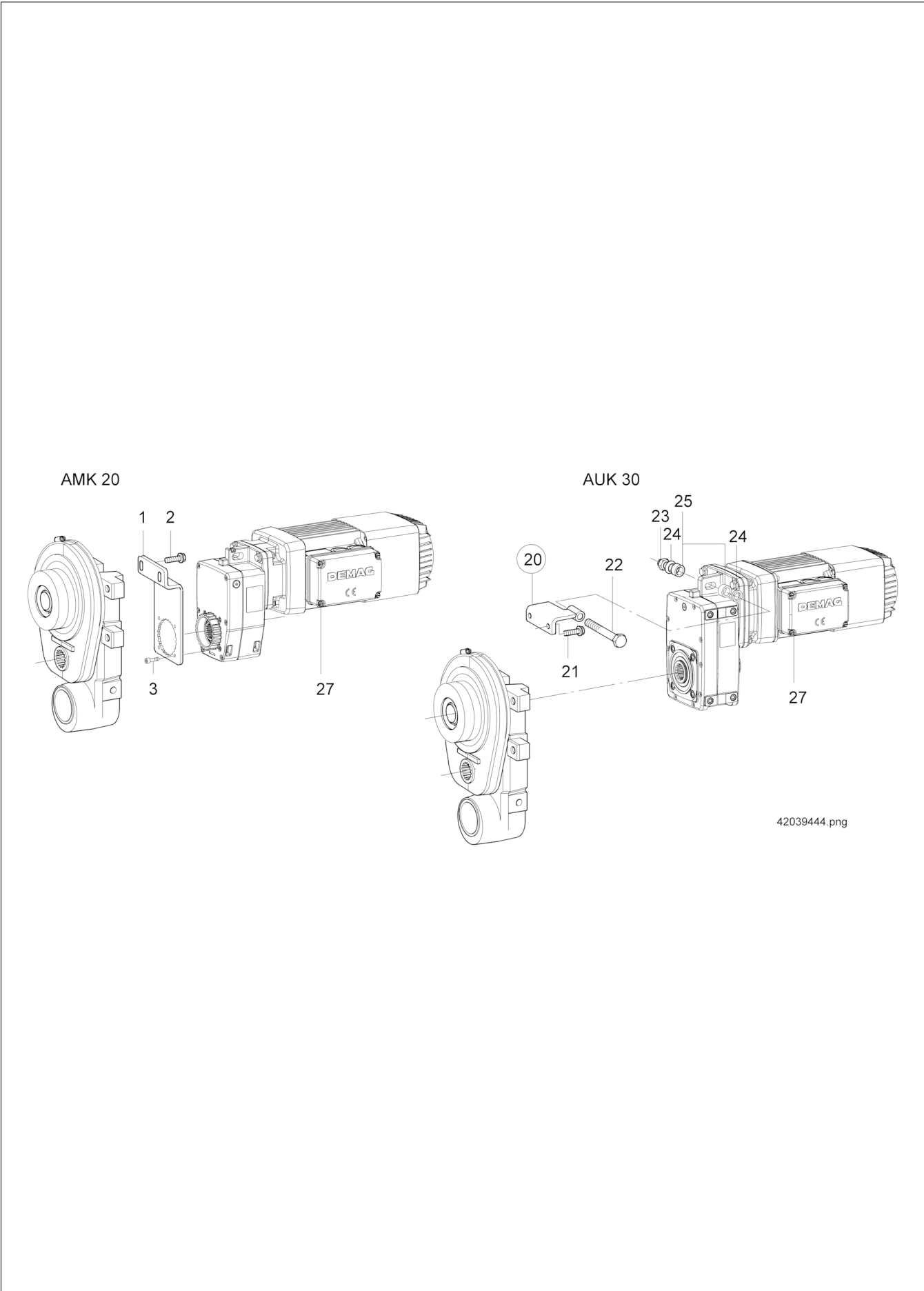
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EUDH 600, Trolley size 10, 4/1 reeving - H12, H20

Standard-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83131444	1	Longit. member w. with pin A	UDH10		
3	83038133	2	Cover set Fahrwerk	1)	GR.10	
5	75216333	1	Travel wheel set zyl.160 MZ/OZ		GR10	
6	75217333	1	Travel wheel set keg.160 MZ/OZ		GR10	
16	75211333	1	Pinion shaft set N30/W30x560	Fl. W. 149 - 225 mm, AMK 20, AUK 30	EU+KDH6+10	
16	75211433	1	Pinion shaft set N30/W30x650	FL.W. 226 - 305 mm, AMK 20, AUK 30	EU+KDH6+10	
21	80355444	2	End plate ZL3		ROHTEIL	
21	83035644	2	Side plate DH 500-H20		S355J2C+N	
22	34276444	8	Lock screw M12X35 VB.RIPP		100 flZnL	
23	83037933	1	Supporting pin set EUDH GR10	Fl. W. 149 - 225 mm	FLB149-225	
23	83038033	1	Supporting pin set EUDH GR10	Fl. W. 226 - 305 mm	FLB226-305	
24	83038244	2	Crossbeam UDH 500 GR.10 4/1			
25	34547399	8	Split sleeve 16 X 18		St	
26	83132444	2	Longit. member w. with pin NA	UDH10		
33	461098	2	Set nut M20		10flZnnc-L	
34	82325944	2	Retaining nut M20		C45K	
36	30751999	4	Hexagonal screw M20 X 75		10.9	

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EUDH 600, Trolley size 10,
Travel drive AMK 20/AUK 30,
4/1 reeving - H12, H20

Standard-headroom monorail hoist

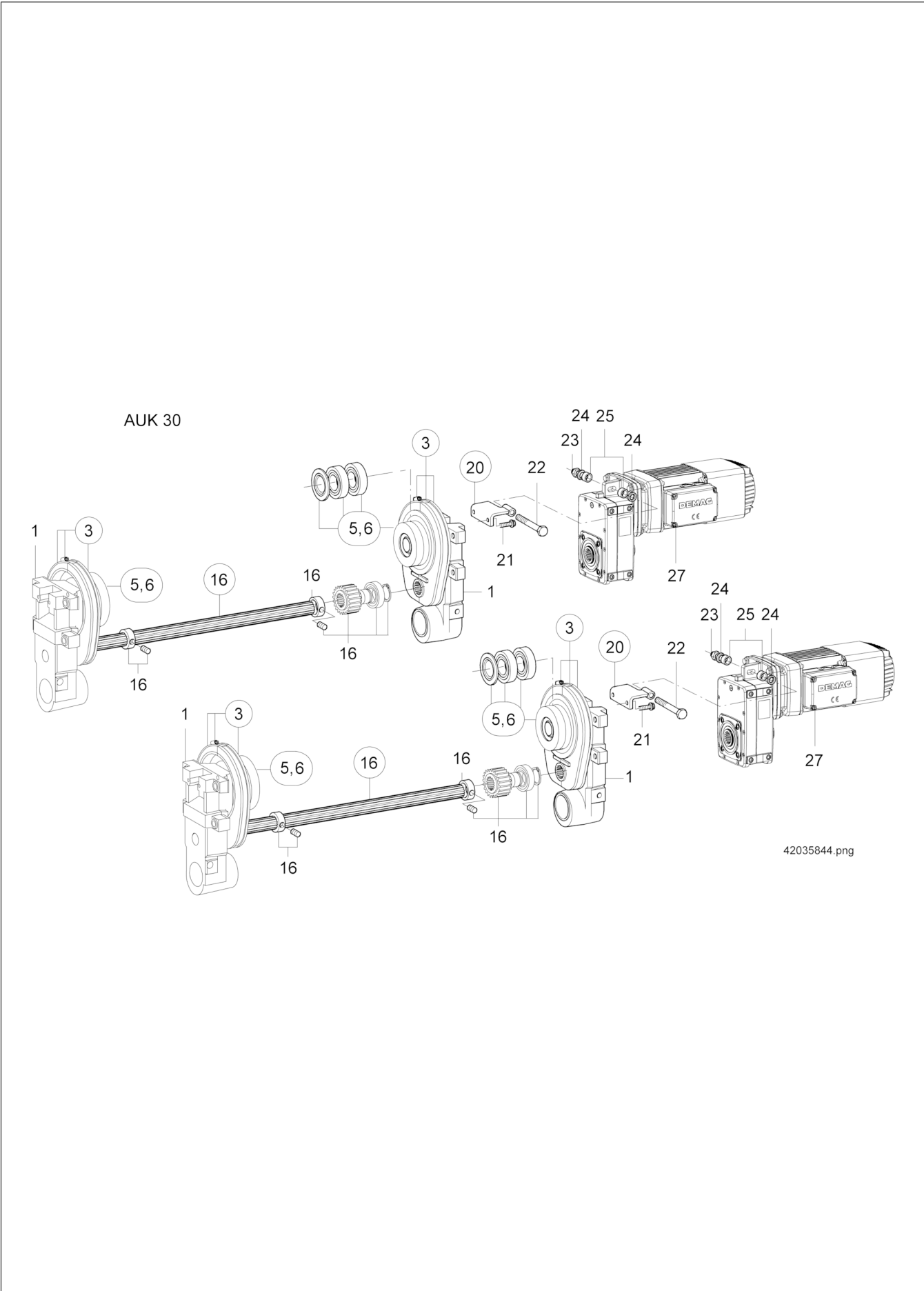
Item	Part no.	Quantity	Designation		Material	RSP
1	83120944	1	Torque arm support GR.6-10 A20	AMK 20	S235JRG2C	
2	10011198	2	Lock screw M10X20 VB.RIPP	AMK 20	100 flZnL	
3	31923999	4	Hex.socket cylind.screw M 8 X 18	AMK 20	10.9	
20	83127544	1	Torque arm support AUK30/EUDH	AUK 30, c/w items 11 - 15		
21	10011198	2	Lock screw M10X20 VB.RIPP	AUK 30	100 flZnL	
22	15049499	1	Hexagonal screw M12 X100	AUK 30	8.8 A2F	
23	33461244	1	Lock nut V M12	AUK 30	8 A2F	
24	16062399	2	Washer 13 X 35 X 5	AUK 30	C 35 H	
25	81120444	2	Spring element 13 X35X12	AUK 30	PA6 GV30	
Travel speed 12.5 m/min, 3.1/12.5 m/min				1)		
27	84510046	1	Drive unit AMK20DD M0 30 25,3	DH 616, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
27	84510546	1	Drive unit AMK20DD M0 30 25,3	DH 632, 625, 620, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
27	84511046	1	Drive unit AMK20DD M0 30 25,3	DH 640, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
Travel speed 20 m/min, 5/20 m/min				1)		
27	84511146	1	Drive unit AMK20DD M0 30 16,4	DH 625, 620, 616, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
27	84515346	1	Drive unit AUK30DDB14 30 15,7	DH 640, 632, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
Travel speed 31.5 m/min, 8/31,5 m/min						
27	84515246	1	Drive unit AUK30DDB14 30 10,1	DH 625, 620, 616, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
27	84516046	1	Drive unit AUK30DDB14 30 10,1	DH 632, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	
0	88888888	1	Part to be ordered			
Travel speed 40 m/min, 10/40 m/min						
27	84515146	1	Drive unit AUK30DDB14 30 7,8	DH 616, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
27	84515946	1	Drive unit AUK30DDB14 30 7,8	DH 625, 620, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	

21773044027

1) Only the 2-pole winding is connected for a single travel speed.
2) Spare parts see chapter "AMK 20 travel drive".
3) Spare parts see chapter "AUK 30 travel drive".

EUDH 640, 632, Trolley size 10
with two travel drives AUK 30,
4/1 reeving - H12, H20

Standard-headroom monorail hoist



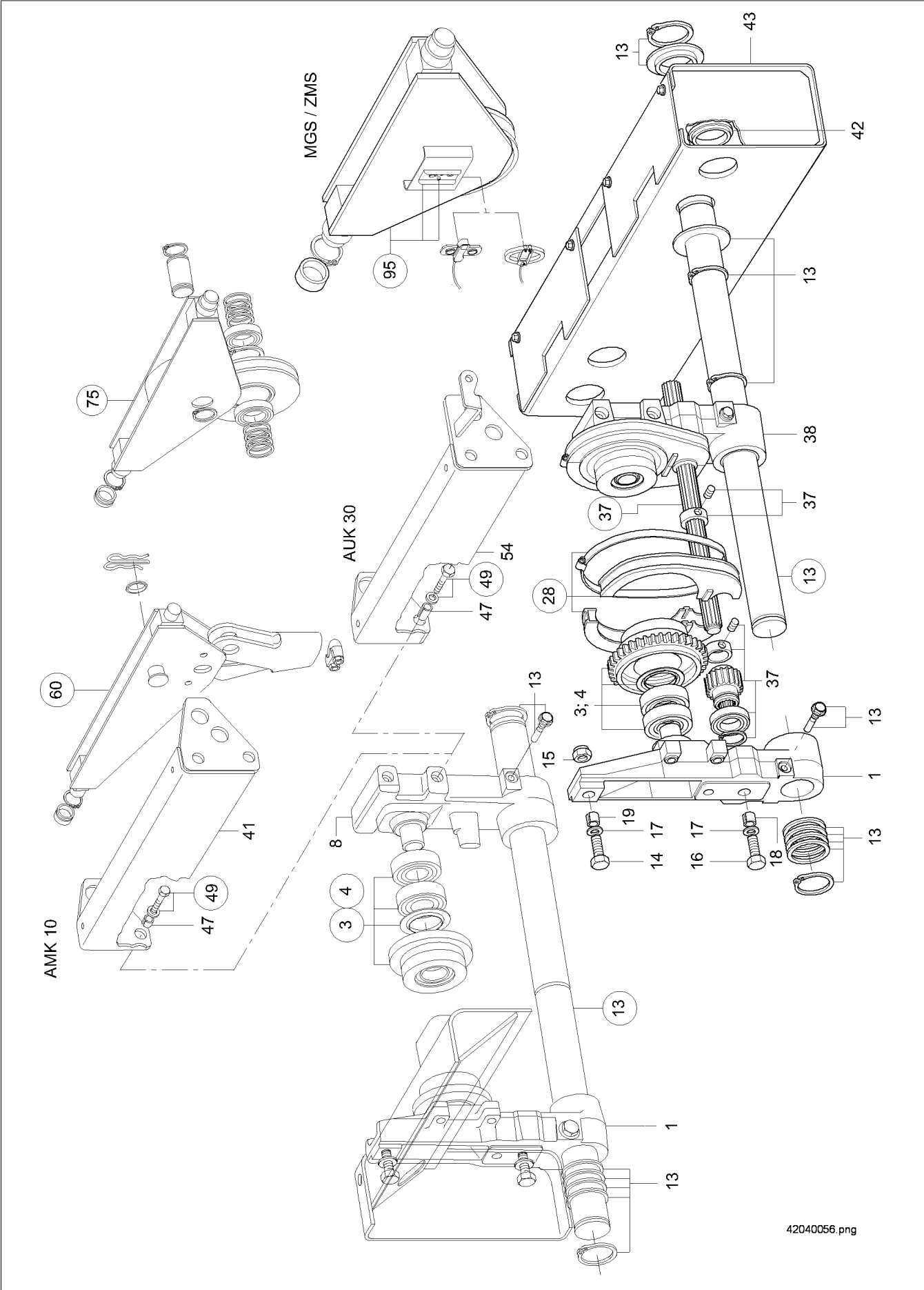
EUDH 640, 632, Trolley size 10
with two travel drives AUK 30,
4/1 reeving - H12, H20

Standard-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83131444	4	Longit. member w. with pin A	UDH10		
3	83038133	4	Cover set Fahrwerk	1)	GR.10	
5	83093444	4	Cylindrical tr.wheel 160 1SPK MZ		U+KDHGR.10	
6	83093344	4	Conical travel wheel 160 1SPK MZ		U+KDHGR.10	
16	75211333	1	Pinion shaft set N30/W30x560	Fl. W. 149 - 225 mm	EU+KDH6+10	
16	75211433	1	Pinion shaft set N30/W30x650	Fl. W. 226 - 305 mm	EU+KDH6+10	
20	83127544	2	Torque arm support AUK30/EUDH	AUK 30		
21	10011198	2	Lock screw M10X20 VB.RIPP	AUK 30	100 flZnL	
22	15049499	1	Hexagonal screw M12 X100	AUK 30	8.8 A2F	
23	33461244	1	Lock nut V M12	AUK 30	8 A2F	
24	16062399	2	Washer 13 X 35 X 5		C 35 H	
25	81120444	2	Spring element 13 X35X12		PA6 GV30	
27	84515246	2	Travel speed 31.5 m/min, 8/31,5 m/min Drive unit AUK30DDB14 30 10,1	DH 640, ZBF 90 B 8/2 B 020, 2)	ZBF 90B8/2	
27	84515146	2	Travel speed 40 m/min, 10/40 m/min Drive unit AUK30DDB14 30 7,8	DH 632, ZBF 90 B 8/2 B 020, 2)	ZBF 90B8/2	
27	84515946	2	Drive unit AUK30DDB14 30 7,8	DH 640, ZBF 100 A 8/2 B 050, 2)	ZBF100A8/2	

21773044028

1) Lubrication 210 g, part no. 472 915 44 (400 g).
2) Spare parts see chapter "AUK 30 travel drive".



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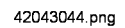
EKDH 600, Trolley size 6, 2/1 and 4/2 reeving - H12 - H20

Low-headroom monorail hoist

Item	Part no.	Quantity	Designation	Material	RSP
1	83172944	2	Longit. member w. with pin AH-NAH KDH 6		
3	75216133	1	Travel wheel set zyl.125 MZ/OZ	GR 6 4/600	
4	75217133	1	Travel wheel set keg.125 MZ/OZ	GR 6 4/600	
8	83170944	1	Longit. member w. with pin NA KDH 6		
13	83077233	1	Supporting pin set EKDH GR 6	Fl. W. 100 - 165 mm	FLB100-245
13	83077333	1	Supporting pin set EKDH GR 6	Fl. W. 246 - 305 mm	FLB246-305
13	83077433	1	Supporting pin set EKDH GR 6	Fl. W. 306 - 420 mm	FLB306-420
14	30966699	2	Hexagonal screw M16 X 60		8.8 A2F
15	33461444	2	Lock nut V M16		8 A2F
16	30749099	2	Hexagonal screw M16 X 45		8.8 A2F
17	31621199	4	Washer 17 X 30 X 4		C 45 HV
18	34548199	2	Split sleeve 21 X 16		St
19	34550399	2	Split sleeve 21 X 24		St
28	59549433	2	Cover set Fahrwerk	1)	GR. 6
37	75210833	1	Pinion shaft set N25/W25x465	Fl. W. 100 - 165 mm, AMK 10	EU+KDH 6
37	75210933	1	Pinion shaft set N25/W25x545	Fl. W. 166 - 245 mm, AMK 10	EU+KDH 6
37	75211033	1	Pinion shaft set N25/W25x635	Fl. W. 246 - 335 mm, AMK 10	EU+KDH 6
37	75211133	1	Pinion shaft set N25/W25x750	Fl. W. 306 - 420 mm, AMK 10	EU+KDH 6
37	75211233	1	Pinion shaft set N30/W30x480	Fl. W. 100 - 165 mm, AUK 30	EU+KDH6+10
37	75211333	1	Pinion shaft set N30/W30x560	Fl. W. 166 - 245 mm, AUK 30	EU+KDH6+10
37	75211433	1	Pinion shaft set N30/W30x650	Fl. W. 246 - 335 mm, AUK 30	EU+KDH6+10
37	75211533	1	Pinion shaft set N30/W30x765	Fl. W. 336 - 420 mm, AUK 30	EU+KDH6+10
38	83171344	1	Longit. member w. with pin A KDH 6		
41	83177644	1	Connecting plate KDH 5- 600-H12	AMK 10	Gr. 6AMK20
41	83177744	1	Connecting plate KDH 5- 600-H20	AMK 10	GR. 6AMK20
42	83076444	4	Cover GSK 76		ST34
43	83176044	1	Counterweight box KDH 500H20		N.ZEICHNG.
47	34577599	4	Split sleeve 21 X 28		St
49	47936233	1	Screw set M16x 55 HV		Verz. MoS2
54	83177844	1	Connecting plate KDH 5- 600-H12	AUK 30	Gr. 6AUK30
54	83177944	1	Connecting plate KDH 5- 600-H20	AUK 30	Gr. 6AUK30
60			Rope wedge crosshead	2)	
75			Compensating sheave	3)	
95			Compensating sheave	3)	

21773044031

1) Lubrication 180 g, part no. 472 915 44 (400 g).
2) Spare parts see chapter "Rope wedge crosshead".
3) Spare parts see chapter "Compensating sheave".



EKDH 600, Trolley size 6, Rope retaining crosshead, 2/1 reeving - H12 - H20

Low-headroom monorail hoist

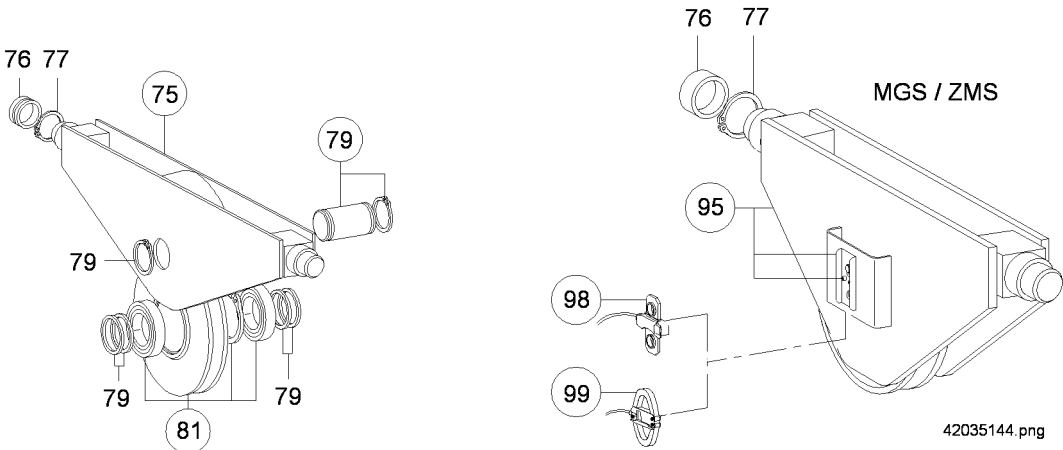
Item	Part no.	Quantity	Designation		Material	RSP
60	82889644	1	Rope wedge crosshead 5/ 600H12 2/1	DH 600, c/w items 62 - 64, 67, 1), 2)	KDH	
60	82889744	1	Rope wedge crosshead 5/ 600H20	DH 600, c/w items 62 - 64, 67, 1), 2)	KDH 2/1	
62	82872844	1	Bush 30 x 40 x 20		ST35	
63	34246999	1	Retaining ring 40X2,5		FedSt IL	
64	82358033	1	Bolt connection set + spring clip	1), 3)	25x65	
67	82821833	1	Rope anchorage set DH425 2/1	DH 600	DH500	
70	82894144	1	Rope wedge crosshead KDH 640 H12	with MGS/ZMS, c/w item 62, 63, 85, 1)	ZMS,MGS2/1	
70	82894244	1	Rope wedge crosshead KDH 640 H20	with MGS/ZMS, c/w item 62, 63, 85, 1)	2/1ZMS/MGS	
85	82828633	1	Rope anchorage set EKDH640			
90	49169433	1	Unit MGS 4,0 T	DH 640	DH1040	
91	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 640	DH500/600	
100	82358033	1	Bolt connection set + spring clip	1), 3)	25x65	
103	49160633	1	Unit MGS 3,15 T	DH 632	DH532	
103	49159233	1	Unit MGS 2,5 T Set	DH 625	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 620	DH5/600,P	
103	49179233	1	Unit MGS 1,6 T Set	DH 616	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 600	DH500/600	

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1) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.

2) DH 640 without MGS/ZMS.

3) Check during maintenance. Check play of setpin in the bore hole of the rope retaining crosshead plate (max. wear in the plate 1 mm) Make sure that the double spring clip is latched.

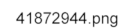


EKDH 600, Trolley size 6,
Compensating sheave 160/11,
4/2 reeving - H12 - H20

Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
75	82887044	1	Compensating sheave 160/11 H12	c/w items 76 - 81, 1)	KDH 500	
75	82887244	1	Compensating sheave 160/11 H20	c/w items 76 - 81, 1)	KDH 500	
76	82872844	1	Bush 30 x 40 x 20		ST35	
77	34246999	1	Retaining ring 40X2,5		FedSt IL	
79	82815433	1	Bolt top block DH3-600		45x72	
80	34144699	8	Shim 45X 55X1		St2K50	
81	82829044	1	Rope sheave 160-11Ausg.R		500	
95	90491846	1	Compensating sheave KDH500600H12	ZMS, c/w item 98, 1)	ZMS 4/2	
95	90492046	1	Compensating sheave KDH516616H12	MGS, c/w item 99, 1)	MGS 4/2	
95	90492146	1	Compensating sheave KDH520620H12	MGS, c/w item 99, 1)	MGS 4/2	
95	90492346	1	Compensating sheave KDH525625H12	MGS, c/w item 99, 1)	MGS 4/2	
95	90492446	1	Compensating sheave KDH532632H12	MGS, c/w item 99, 1)	MGS 4/2	
95	90492546	1	Compensating sheave KDH500600H20	ZMS, c/w item 98, 1)	ZMS 4/2	
95	90492746	1	Compensating sheave KDH516616H20	MGS, c/w item 99, 1)	MGS 4/2	
95	90492846	1	Compensating sheave KDH520620H20	MGS, c/w item 99, 1)	MGS 4/2	
95	90492946	1	Compensating sheave KDH525625H20	MGS, c/w item 99, 1)	MGS 4/2	
95	90493046	1	Compensating sheave KDH532632H20	MGS, c/w item 99, 1)	MGS 4/2	
95	90494446	1	Compensating sheave KDH 640 H12	MGS, c/w item 99, 1)	MGS 4/2	
95	90494646	1	Compensating sheave KDH 640 H20	MGS, c/w item 99, 1)	MGS 4/2	
98	49139133	1	Strain gauge car.link set ZMS 1,25t	DH 616, DH 620, DH 625, DH 632	DH,PLV,P	
98	49160033	1	Strain gauge car.link set ZMS 2,00t	DH 640	DH300/500	
99	49159633	1	Unit MGS 1,6 T Set	DH 640	DH300/400	
99	49169133	1	Unit MGS 0,8 T Set	DH 620	DH168,P,PL	
99	49169633	1	Unit MGS 1,25 T Set	DH 632	DH212,312	
99	49179133	1	Unit MGS 0,624 T Set	DH 616	DH166,P,PL	
99	49179633	1	Unit MGS 1,0 T Set	DH 625	DH210,310	

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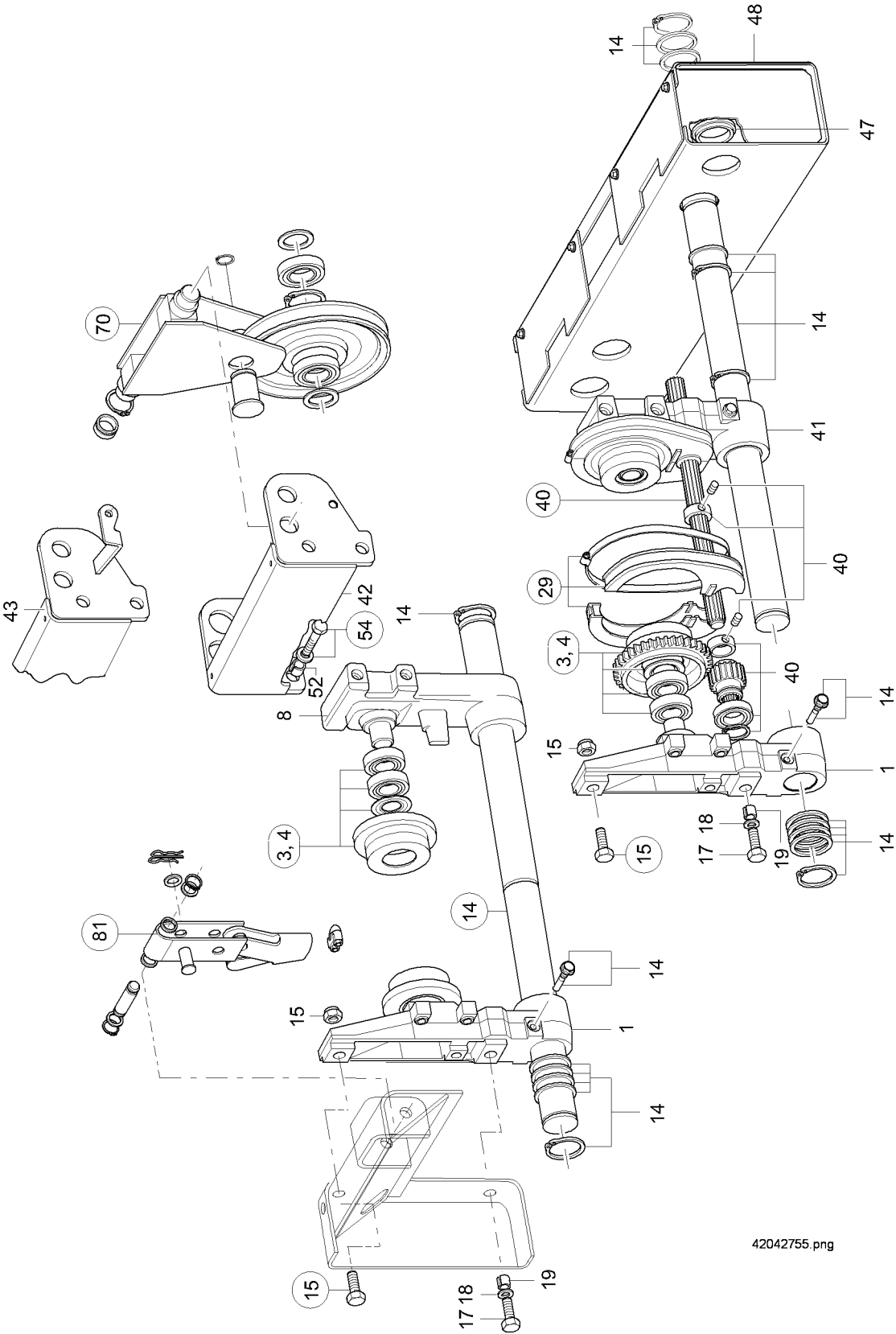
EKDH 600, Trolley size 6,
Travel drive AMK 10/AUK 30,
2/1 and 4/2 reeving - H12 - H20

Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83120944	1	Torque arm support GR.6-10 A20	AMK 10	S235JRG2C	
2	10011198	2	Lock screw M10X20 VB.RIPP	AMK 10	100 flZnL	
3	31923999	4	Hex.socket cylind.screw M 8 X 18	AMK 10	10.9	
5			Travel speed 12.5 m/min, 3.1/12.5 m/min	1)		
5	84504046	1	Drive unit AMK10DD M0 25 25,7	DH 632, 625, 620, 616, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
5	84504546	1	Drive unit AMK10DD M0 25 25,7	DH 640, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
5			Travel speed 20 m/min, 5/20 m/min	1)		
5	84504646	1	Drive unit AMK10DD M0 25 15,7	DH 625, 620, 616, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
5	84505146	1	Drive unit AMK10DD M0 25 15,7	DH 640, 632, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5			Travel speed 31.5 m/min, 8/31,5 m/min	1)		
5	84504746	1	Drive unit AMK10DD M0 25 10,5	DH 616, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
5	84505246	1	Drive unit AMK10DD M0 25 10,5	DH 620, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84515246	1	Drive unit AUK30DDB14 30 10,1	DH 640, 632, 625, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
5			Travel speed 40 m/min, 10/40 m/min	1)		
5	84505346	1	Drive unit AMK10DD M0 25 8,3	DH 616, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84515146	1	Drive unit AUK30DDB14 30 7,8	DH 632, 625, 620, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
5	84515946	1	Drive unit AUK30DDB14 30 7,8	DH 640, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	
10	33461244	1	Lock nut V M12	AUK 30	8 A2F	
11	16062399	2	Washer 13 X 35 X 5	AUK 30	C 35 H	
12	81120444	2	Spring element 13 X35X12	AUK 30	PA6 GV30	
13	15054799	1	Hexagonal screw M12 X 75	AUK 30	8.8 A2F	
41	83186844	1	Connecting plate KDH 5- 600-H12	AMK 10	Gr.10AMK20	
41	83186944	1	Connecting plate KDH 5- 600-H20	AMK 10	Gr.10AMK20	
54	83177844	1	Connecting plate KDH 5- 600-H12	AUK 30	Gr. 6AUK30	
54	83177944	1	Connecting plate KDH 5- 600-H20	AUK 30	Gr. 6AUK30	

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1) Only the 2-pole winding is connected for a single travel speed.
2) Spare parts see chapter "AMK 10 travel drive".
3) Spare parts see chapter "AUK 30 travel drive".



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EKDH 600, Trolley size 10, 4/1 reeving - H12 - H20

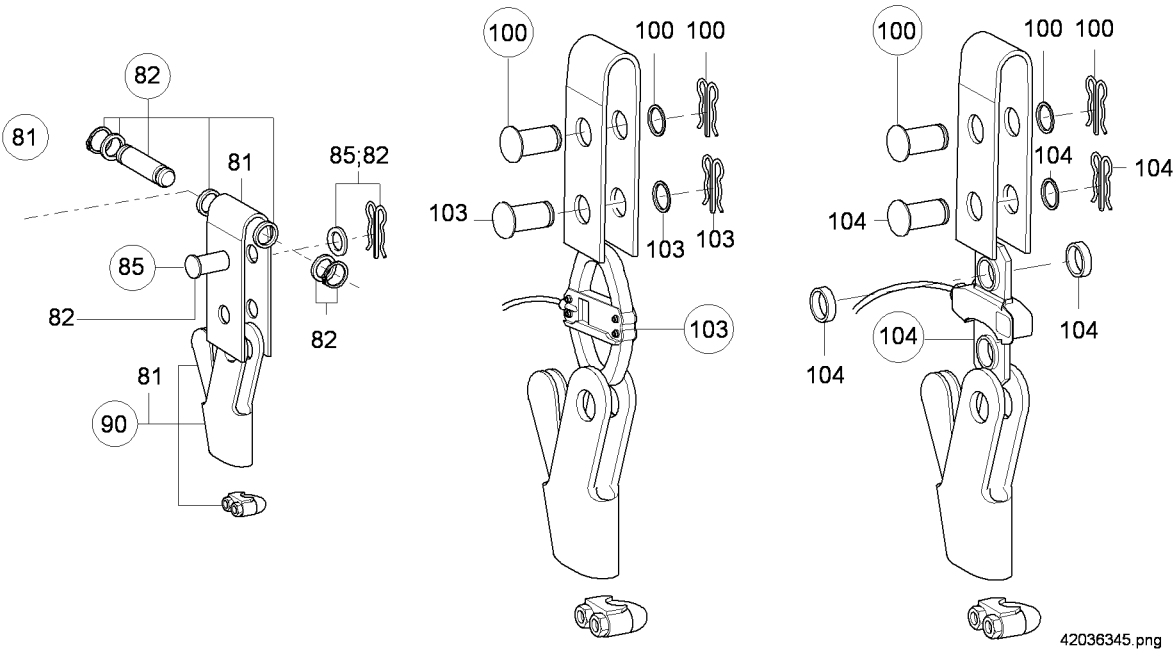
Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83182944	2	Longit. member w. with pin AH-NAH KDH10			
3	75216333	1	Travel wheel set zyl.160 MZ/OZ		GR10	
4	75217333	1	Travel wheel set keg.160 MZ/OZ		GR10	
8	83180944	1	Longit. member w. with pin NA KDH10			
14	83085433	1	Supporting pin set EKDH GR10	Fl. W. 110 - 135 mm	FLB110-215	
14	83085433	1	Supporting pin set EKDH GR10	Fl. W. 136 - 215 mm	FLB110-215	
14	83085533	1	Supporting pin set EKDH GR10	Fl. W. 216 - 305 mm	FLB216-305	
14	83085733	1	Supporting pin set EKDH GR10	Fl. W. 306 - 420 mm	FLB306-420	
15	47936833	2	Screw set M20x 65 HV		Verz. MoS2	
17	30415099	2	Hexagonal screw M16 X 60		8.8 A2F	
18	31621199	2	Washer 17 X 30 X 4		C 45 HV	
19	34577599	2	Split sleeve 21 X 28		St	
40	75211233	1	Pinion shaft set N30/W30x480	Fl. W. 110 - 135 mm, AMK 20, AUK 30	EU+KDH6+10	
40	75211333	1	Pinion shaft set N30/W30x560	Fl. W. 136 - 215 mm, AMK 20, AUK 30	EU+KDH6+10	
40	75211433	1	Pinion shaft set N30/W30x650	Fl. W. 216 - 305 mm, AMK 20, AUK 30	EU+KDH6+10	
40	75211533	1	Pinion shaft set N30/W30x765	Fl. W. 306 - 420 mm, AMK 20, AUK 30	EU+KDH6+10	
41	83191944	1	Longit. member w. with pin A KDH10			
42	83186844	1	Connecting plate KDH 5- 600-H12	AMK 20	Gr.10AMK20	
42	83186944	1	Connecting plate KDH 5- 600-H20	AMK 20	Gr.10AMK20	
43	83187044	1	Connecting plate KDH 5- 600-H12	AUK 30	Gr.10AUK30	
43	83187144	1	Connecting plate KDH 5- 600-H20	AUK 30	Gr.10AUK30	
47	83076444	4	Cover GGK 76		ST34	
48	83176044	1	Counterweight box KDH 500H20	DH 600	N.ZEICHNG.	
52	34578999	4	Split sleeve 28 X 36		St	
53	31622199	4	Washer 23 X 39 X 4		C 45A2B HV	
54	47937633	4	Screw set M22x 70 HV		Verz. MoS2	
70			Top block	1)		
81			Rope wedge crosshead	2)		

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1) Spare parts see chapter "Return sheave".

2) Spare parts see chapter "Rope wedge crosshead".



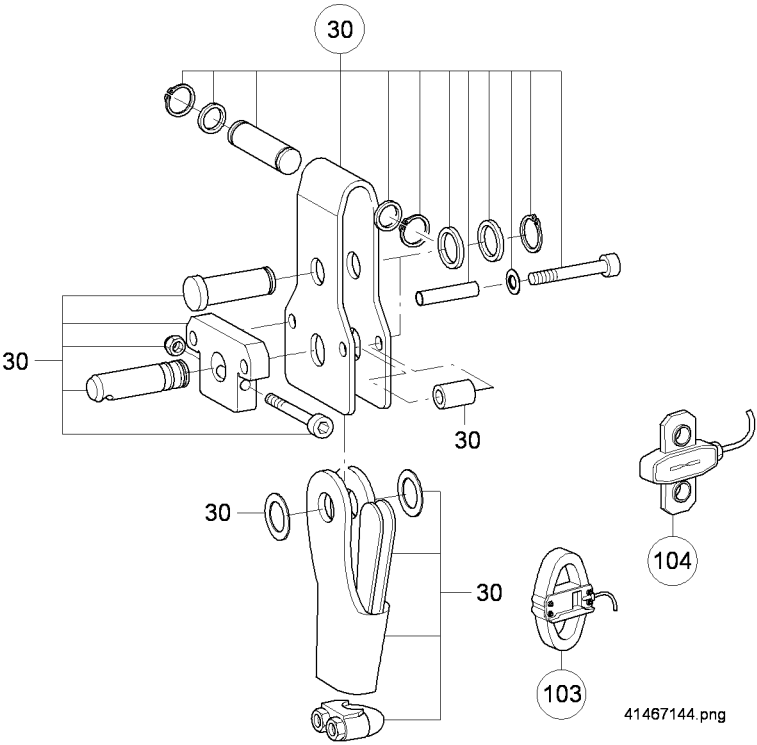
EKDH 632, 625, 620, 616, Trolley size 10,
Rope retaining crosshead,
4/1 reeving - H12 - H20

Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
81	82821233	1	Rope wedge crosshead DH 600	c/w items 82, 85, 90, 1), 2)	Set	
82	82357833	1	Pin connection set 2/1	1), 2)	DH 500	
85	82358033	1	Bolt connection set + spring clip	2), 3)	25x65	
90	82831833	1	Rope anchorage set DH 600			
100	82358033	1	Bolt connection set + spring clip	2), 3)	25x65	
103	49160633	1	Unit MGS 3,15 T	DH 632, c/w item 100	DH532	
103	49159233	1	Unit MGS 2,5 T Set	DH 625, c/w item 100	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 620, c/w item 100	DH5/600,P	
103	49179233	1	Unit MGS 1,6 T Set	DH 616, c/w item 100	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 632, 625, 620, 616, c/w item 100	DH500/600	

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- 1) Check suspension of rope retaining crosshead. When fitting the rope retaining crosshead, it must be ensured that the retaining ring engages the groove in the pin. After fitting, it must be possible to turn the retaining ring easily.
- 2) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.
- 3) Check during maintenance. Check play of setpin in the bore hole of the rope retaining crosshead plate (max. wear in the plate 1 mm) Make sure that the double spring clip is latched.



Item	Part no.	Quantity	Designation		Material	RSP
30	82894033	1	Rope wedge crosshead	DH 640	1), 2), 3)	
103	49169233	1	Unit MGS 2,0 T Set		DH 640	DH5/600,P
104	49160133	1	Strain gauge car.link set	ZMS 3,15t	DH 640	DH500/600

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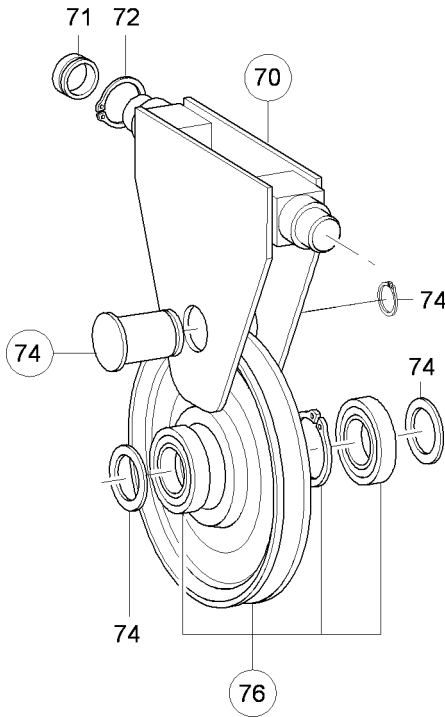
1) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.

2) Check during maintenance. Check play of setpin in the bore hole of the rope retaining crosshead plate (max. wear in the plate 1 mm) After fitting, it must be possible to turn the retaining ring easily.

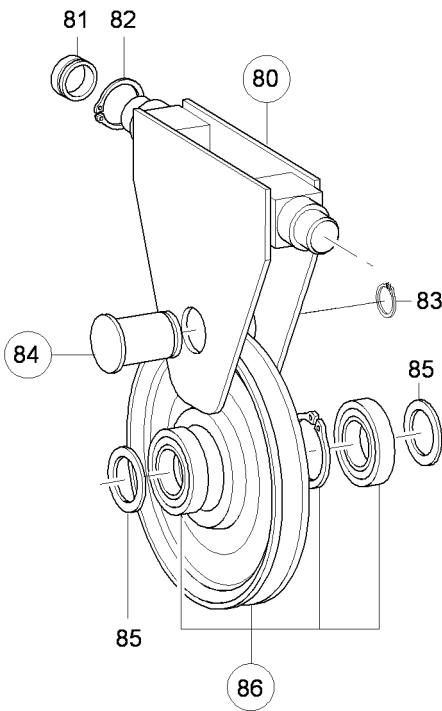
3) Check suspension of rope retaining crosshead. When fitting the rope retaining crosshead, it must be ensured that the retaining ring engages the groove in the pin. After fitting, it must be possible to turn the retaining ring easily.

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280/14



365/14



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EKDH 500, Trolley size 10,
Return sheave 280/14 - 365/14,
4/1 reeving, H12 - H20

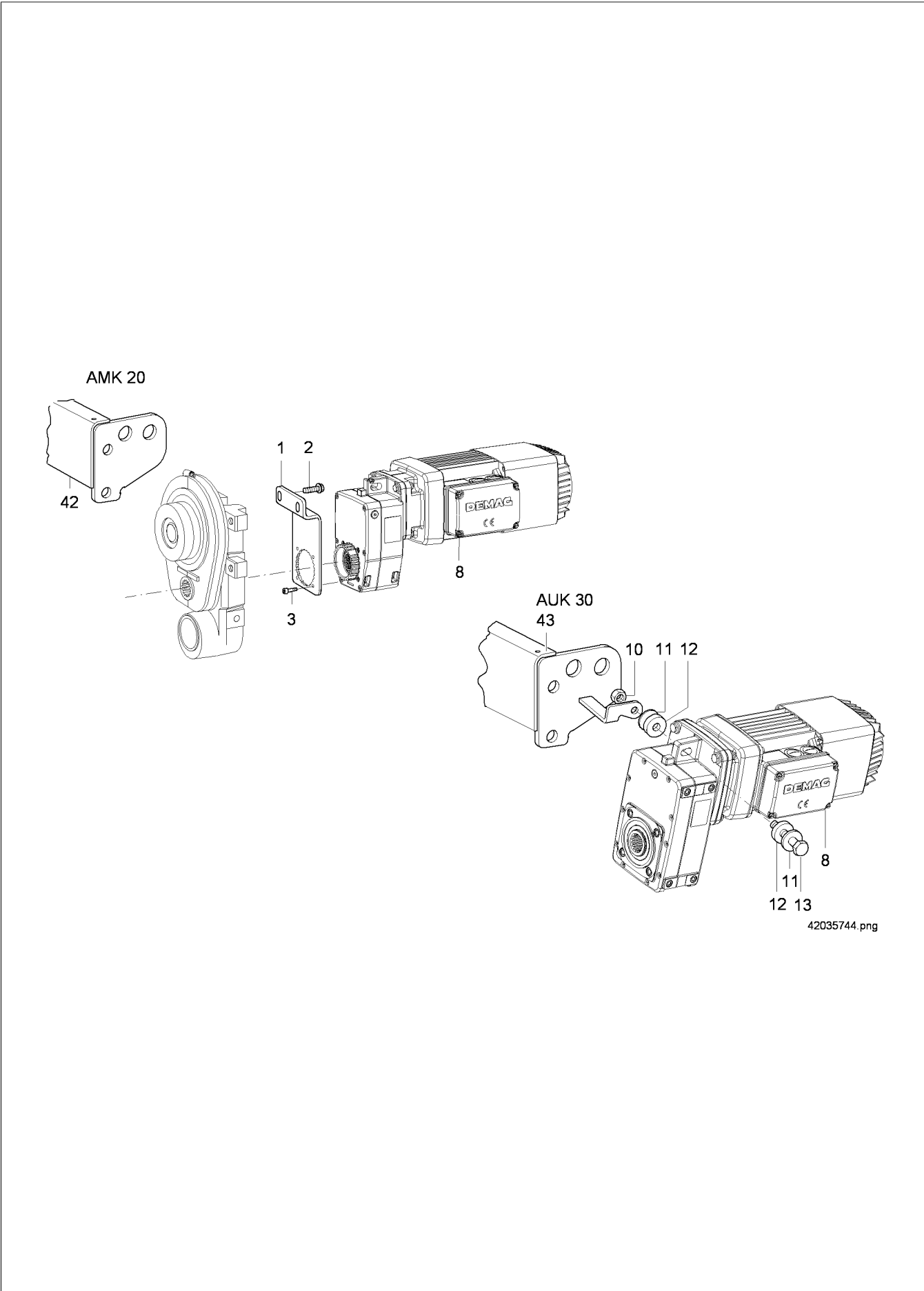
Low-headroom monorail hoist
EKDH 600

Item	Part no.	Quantity	Designation		Material	RSP
Return sheave 280/14						
70	82863044	1	Top block 280 14 5-600H12	c/w items 71, 72, 74, 76, 1)		
70	82865044	1	Top block 280 14 5-600H20	c/w items 71, 72, 74, 76, 1)		
71	82890544	1	Bush 42,5x 59,5x 26		ST35	
72	34255599	1	Retaining ring 60X2	2)	FedSt !L	
74	82883333	1	Setbolt DH 3-600		55x75,5	
75	34348399	2	Supporting plate 55X 68X3		Fedst	
76	82968244	1	Rope sheave 280-14 hart		5- 600	
Return sheave 365/14						
80	82864044	1	Top block 365 14 H12	c/w items 71 - 76, 1)	KDH 5/ 600	
80	82866044	1	Top block 365 14 5-600H20	c/w items 71 - 76, 1)		
81	82890544	1	Bush 42,5x 59,5x 26		ST35	
82	34255599	1	Retaining ring 60X2		FedSt !L	
83	34256099	1	Retaining ring 70X2,5		FedSt !L	
84	82826444	1	Setbolt 70g 6X 77Nut		CK45N	
85	34137599	2	Shim 70X 90X0,5		St2K50	
86	82967133	1	Rope sheave set 365 14 Hart		DH 5-600	

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EKDH 600, Travel drive AMK 20/AUK 30,
Trolley size 10,
4/1 reeving - H12 - H20

Low-headroom monorail hoist



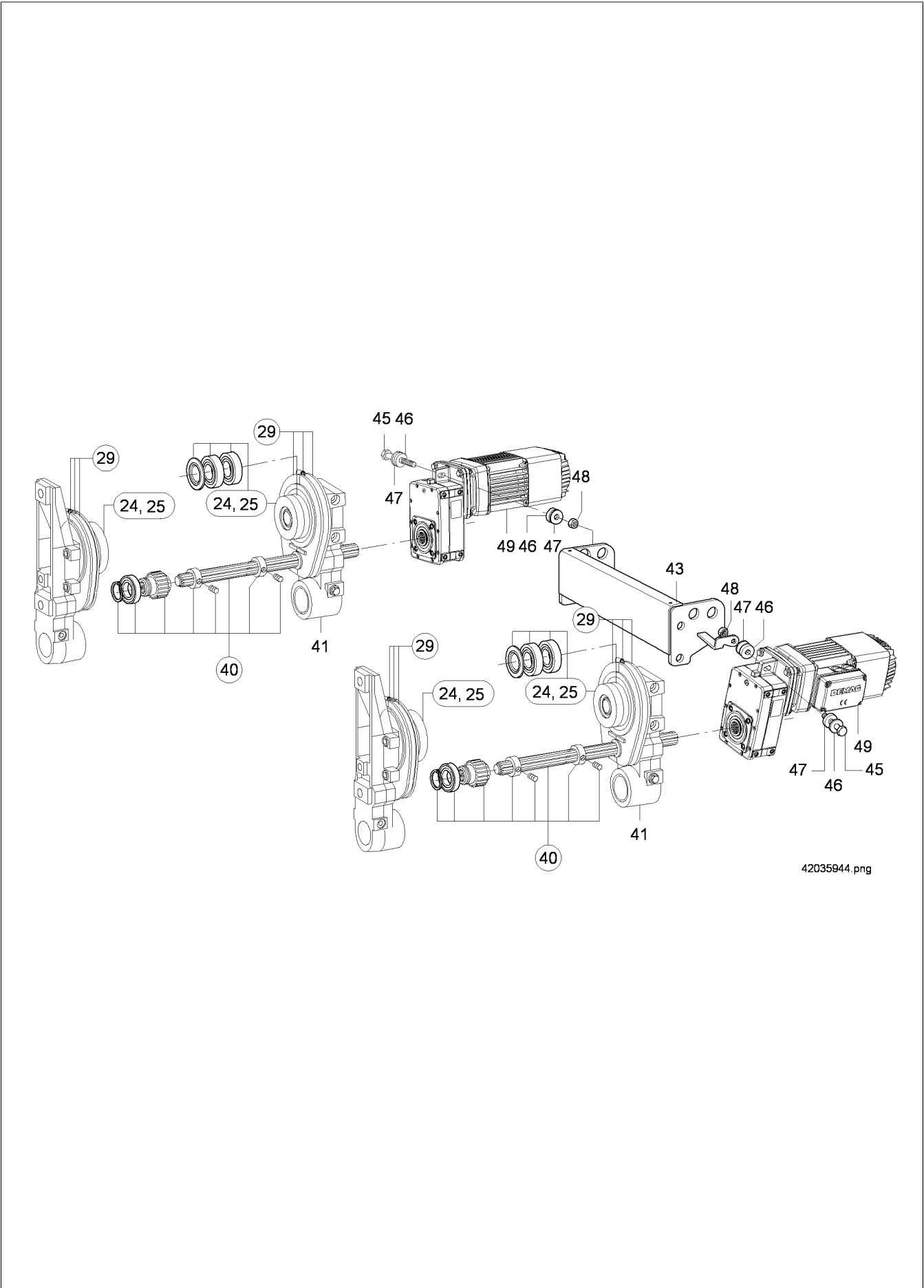
EKDH 600, Travel drive AMK 20/AUK 30,
Trolley size 10,
4/1 reeving - H12 - H20

Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83120944	1	Torque arm support GR.6-10 A20	AMK 20	S235JRG2C	
2	10011198	2	Lock screw M10X20 VB.RIPP	AMK 20	100 flZnL	
3	31923999	4	Hex.socket cylind.screw M 8 X 18	AMK 20	10.9	
8			Travel speed 12.5 m/min, 3.1/12.5 m/min	1)		
8	84510046	1	Drive unit AMK20DD M0 30 25,3	DH 616, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
8	84510546	1	Drive unit AMK20DD M0 30 25,3	DH 625, 620, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
8	84511046	1	Drive unit AMK20DD M0 30 25,3	DH 640, 632, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
8			Travel speed 20 m/min, 5/20 m/min	1)		
8	84511146	1	Drive unit AMK20DD M0 30 16,4	DH 625, 620, 616, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
8	84515346	1	Drive unit AUK30DDB14 30 15,7	DH 640, 632, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
8			Travel speed 31.5 m/min, 8/31,5 m/min	1)		
8	84515246	1	Drive unit AUK30DDB14 30 10,1	DH 625, 620, 616, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
8	84516046	1	Drive unit AUK30DDB14 30 10,1	DH 632, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	
8			Travel speed 40 m/min, 10/40 m/min	1)		
8	84515146	1	Drive unit AUK30DDB14 30 7,8	DH 616, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
8	84515946	1	Drive unit AUK30DDB14 30 7,8	DH 625, 620, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	
10	33461244	1	Lock nut V M12	AUK 30	8 A2F	
11	16062399	2	Washer 13 X 35 X 5	AUK 30	C 35 H	
12	81120444	2	Spring element 13 X35X12	AUK 30	PA6 GV30	
13	15054799	1	Hexagonal screw M12 X 75	AUK 30	8.8 A2F	
42	83186844	1	Connecting plate KDH 5- 600-H12	AMK 20	Gr.10AMK20	
42	83186944	1	Connecting plate KDH 5- 600-H20	AMK 20	Gr.10AMK20	
43	83187044	1	Connecting plate KDH 5- 600-H12	AUK 30	Gr.10AUK30	
43	83187144	1	Connecting plate KDH 5- 600-H20	AUK 30	Gr.10AUK30	

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1) Only the 2-pole winding is connected for a single travel speed.
2) Spare parts see chapter "AMK 20 travel drive".
3) Spare parts see chapter "AUK 30 travel drive".



EKDH 640, 632, Trolley size 10,
with two travel drives AUK 30,
4/1 reeving - H12 - H20

Low-headroom monorail hoist

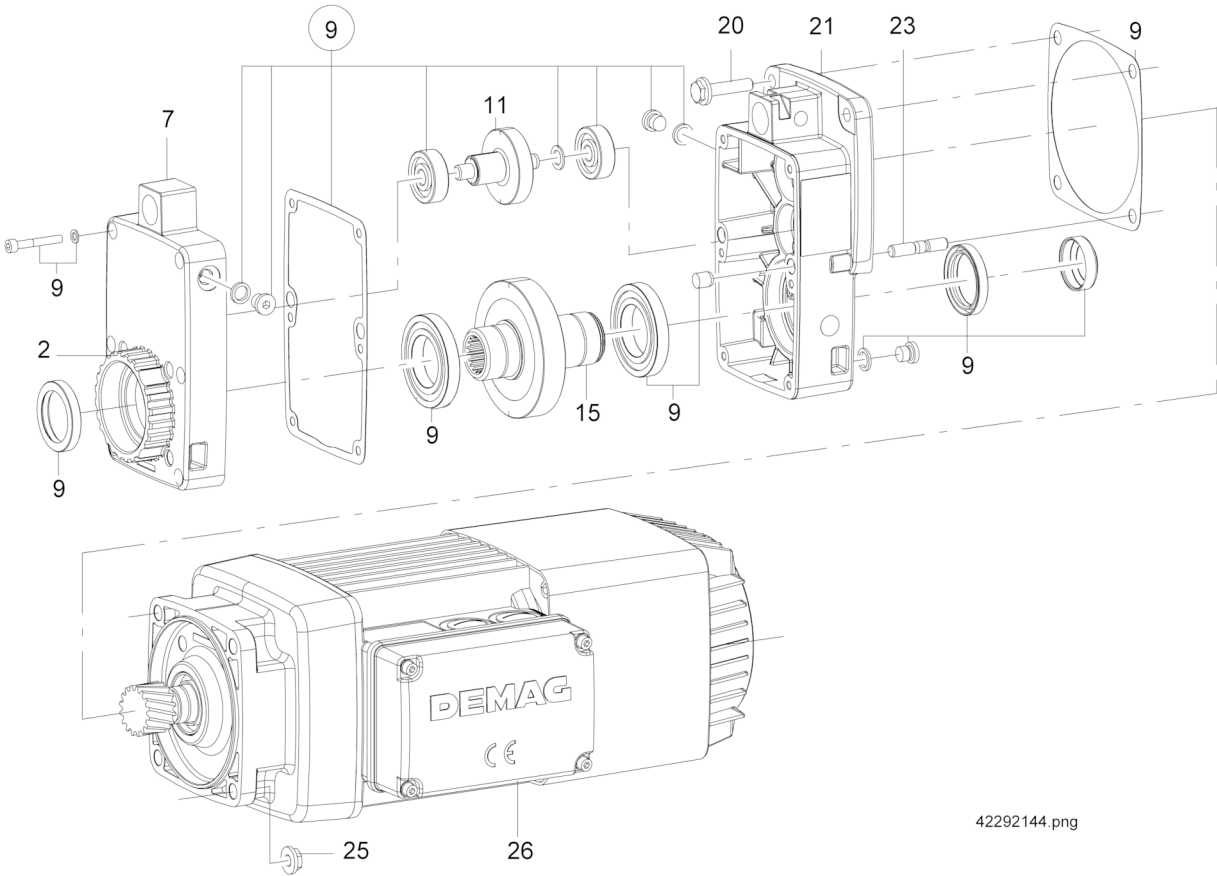
Item	Part no.	Quantity	Designation		Material	RSP
1	83182944	2	Longit. member w. with pin AH-NAH KDH10			
24	83093444	4	Cylindrical tr.wheel 160 1SPK MZ	c/w items 26 - 28	U+KDHGR.10	
25	83093344	4	Conical travel wheel 160 1SPK MZ	c/w items 26 - 28	U+KDHGR.10	
26	30016244	1	Bearing sealing ring 6211 IV		FEDST	
27	36126199	1	Cylindrical roller bearing NJ 211 E		Wiz-St !L	
28	36821199	1	Grooved ball bearing 6211 Z		Wiz-St !F	
29	83038133	4	Cover set Fahrwerk	1)	GR.10	
40	75211233	2	Pinion shaft set N30/W30x480	Fl. W. 110 - 135 mm	EU+KDH6+10	
40	75211333	2	Pinion shaft set N30/W30x560	Fl. W. 136 - 215 mm	EU+KDH6+10	
40	75216333	2	Travel wheel set zyl.160 MZ/OZ	Fl. W. 216 - 305 mm	GR10	
40	75211533	2	Pinion shaft set N30/W30x765	Fl. W. 306 - 420 mm	EU+KDH6+10	
41	83191944	2	Longit. member w. with pin A KDH10			
43	83197044	1	Connecting plate KDH 600H12 Gr10		AUK30	
43	83197144	1	Connecting plate KDH 600H20 Gr10		AUK30	
45	15049999	2	Hexagonal screw M12 X130		8.8 A2F	
46	81195444	4	Damper element		MAKROLON	
47	16062399	4	Washer 13 X 35 X 5		C 35 H	
48	33461244	2	Lock nut V M12		8 A2F	
49			Travel speed 31.5 m/min, 8/31,5 m/min	2)		
49	84515246	2	Drive unit AUK30DDB14 30 10,1	DH 640, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
49			Travel speed 40 m/min, 10/40 m/min	2)		
49	84515146	2	Drive unit AUK30DDB14 30 7,8	DH 632, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
49	84515946	2	Drive unit AUK30DDB14 30 7,8	DH 640, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	

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1) Lubrication 210 g, part no. 472 915 44 (400 g).

2) Only the 2-pole winding is connected for a single travel speed.

3) Spare parts see chapter "AUK 30 travel drive".



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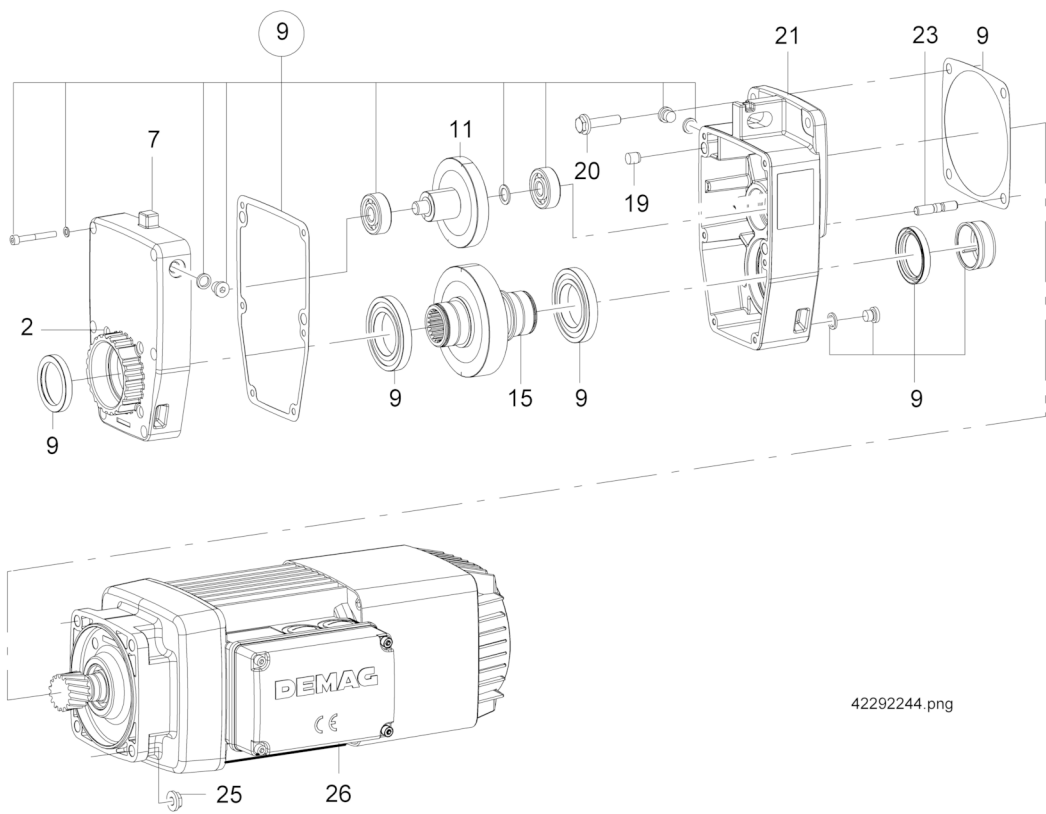
Travel drive AMK 10 DD

EU-, EKDH 600,
2/1 and 4/2 reeving,
Trolley size 6

Item	Part no.	Quantity	Designation		Material	RSP
2	34301544	4	Threaded insert M 8X12M12 C		ST-GEH.	
7	78701444	1	Cover gearbox AM10		GDALSI12CU	
9	78701533	1	Bearing and sealing set A10			
11	84131946	1	Cluster gear Z13M1.25Z 34M1.25	i = 8.32	A 10 D	
11	84131846	1	Cluster gear Z13M1.25Z 37M1.25	i = 10.5	A 10 D	
11	84130746	1	Cluster gear Z11M1.25Z 40M1.25	i = 15.7	A 10 D	
11	84130546	1	Cluster gear Z11M1.25Z 45M1.25	i = 25.7	A 10 D	
15	84134046	1	Output shaft with gear wheel Z70	i = 8.32; 10.5	AUK10 D	
15	84132046	1	Output shaft with gear wheel Z69	i = 15.7; 25.7	AUK10 D	
20	10010898	2	Lock screw M 8X35 VB.RIPP		100 flZnL	
21	78700444	1	Gearbox housing A10		GDALSI12CU	
23	15064299	2	Stud M 8 X 22		10.9 B2=14	
25	30028244	4	Lock nut M 8 VB.RIPP	MA= 45 Nm	10	
26			ZBF 63/71 motor	1)		
26			ZBF 80/90A motor	2)		

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1) Spare parts see spare parts list 22285644_en.
2) Spare parts see spare parts list 22286444_en.



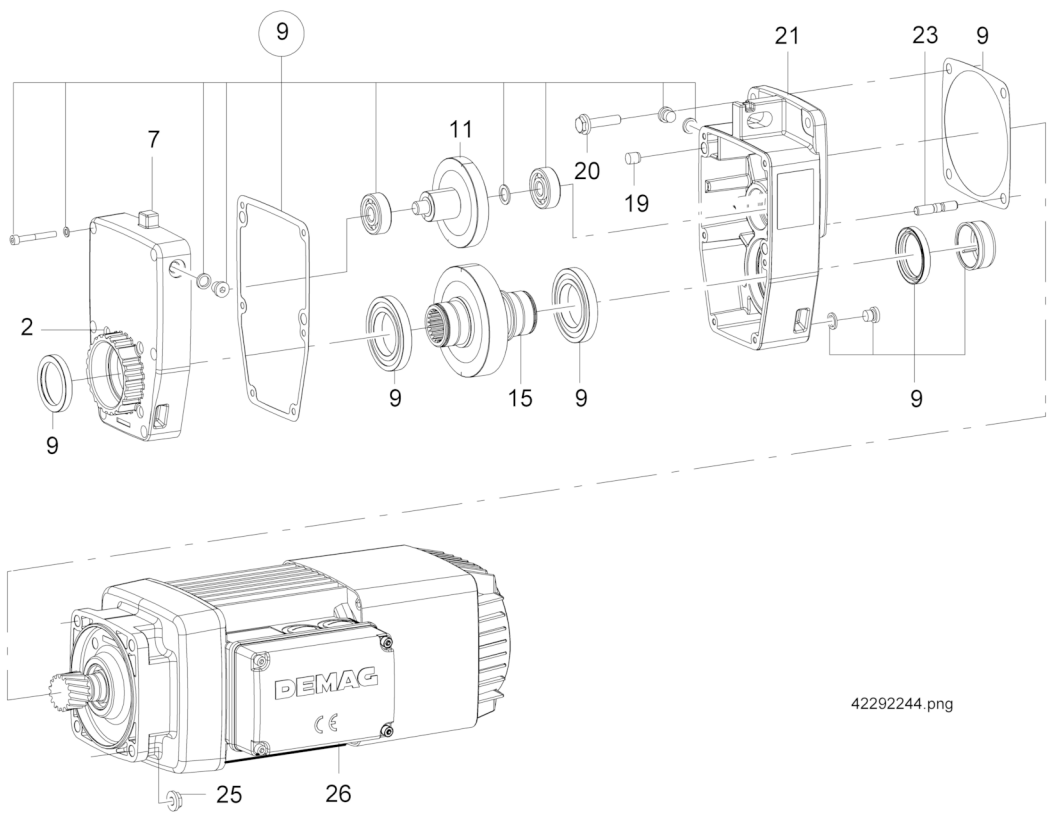
Travel drive AMK 20 DD

EU-, EKDH 600,
4/1 reeving,
Trolley size 10

Item	Part no.	Quantity	Designation		Material	RSP
2	34301544	4	Threaded insert M 8X12M12 C		ST-GEH.	
9	78711533	1	Bearing and sealing set A20	from 01.01.1999		
11	84139346	1	Cluster gear Z16M1.50Z 77M0.93	i = 25.3	A 20 D/T	
11	84139546	1	Cluster gear Z16M1.50Z 54M1.25	i = 16.4	A 20 D/T	
15	84142046	1	Output shaft with gear wheel Z63	i = 16,4-25,3	AUK20 D/T	
19	15055399	2	Cylinder pin 10 m 6X 12		St50 K	
20	10010898	2	Lock screw M 8X35 VB.RIPP		100 flZnL	
21	78710444	1	Gearbox housing A20		GDALSI12CU	
23	15064299	2	Stud M 8 X 22		10.9 B2=14	
25	30028244	4	Lock nut M 8 VB.RIPP	MA= 45 Nm	10	
26			ZBF 63/71 motor	1)		
26			ZBF 80/90A motor	2)		

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1) Spare parts see spare parts list 22285644_en.
2) Spare parts see spare parts list 22286444_en.

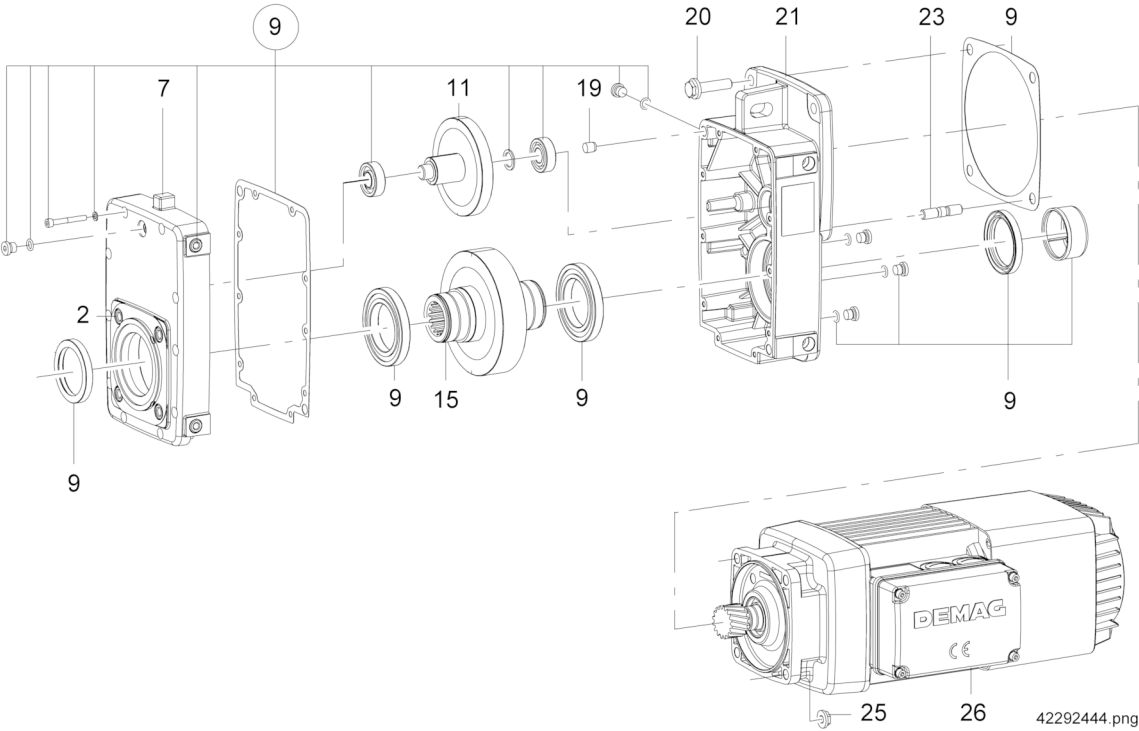


Travel drive AUK 30 DD

EU-, EKDH 600,
2/1 and 4/2 reeving,
Trolley size 6

Item	Part no.	Quantity	Designation		Material	RSP
2	33893244	4	Threaded insert M10X18M16 C		ST-GEH.	
7	78721044	1	Cover gearbox AF30/AG30			
9	78721533	1	Bearing and sealing set A30	from 01.01.1999		
11	84147646	1	Cluster gear Z15M1.60Z 47M1.25	i = 7.78	A 30 D/T	
11	84147546	1	Cluster gear Z15M1.60Z 51M1.25	i = 10.1	A 30 D/T	
15	84151946	1	Output shaft with gear wheel Z77	i = 7.78; 10.1; 15.7, K30	AUK30 D/T	
19	15055399	2	Cylinder pin 10 m 6X 12		St50 K	
20	10011698	2	Lock screw M10X40 VB.RIPP		100 flZnL	
21	78720644	1	Gearbox housing AG30			
23	15059999	2	Stud M10 X 25	MA= 75 Nm	10.9	
25	30028344	4	Lock nut M10 VB.RIPP		10	
26			ZBF 90B/100 motor	1)		

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Travel drive AUK 30 DD

EU-, EKDH 600,
4/1 reeving,
Trolley size 10

Item	Part no.	Quantity	Designation		Material	RSP
2	33893244	4	Threaded insert M10X18M16 C		ST-GEH.	
7	78721044	1	Cover gearbox AF30/AG30			
8	33893344	4	Threaded insert M 8X12M14 C		ST-Geh.	
9	78721533	1	Bearing and sealing set A30			
11	84147646	1	Cluster gear Z15M1.60Z 47M1.25	i = 7.78	A 30 D/T	
11	84147546	1	Cluster gear Z15M1.60Z 51M1.25	i = 10.1	A 30 D/T	
11	84147346	1	Cluster gear Z15M1.60Z 58M1.25	i = 15.7	A 30 D/T	
15	84151946	1	Output shaft with gear wheel Z77	i = 7.78; 10.1; 15.7, K30	AUK30 D/T	
20	10011698	2	Lock screw M10X40 VB.RIPP		100 flZnL	
21	78720644	1	Gearbox housing AG30			
23	15059999	2	Stud M10 X 25		10.9	
25	30028344	4	Lock nut M10 VB.RIPP	MA= 75 Nm	10	
26			ZBF 90B/100 motor	1)		

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