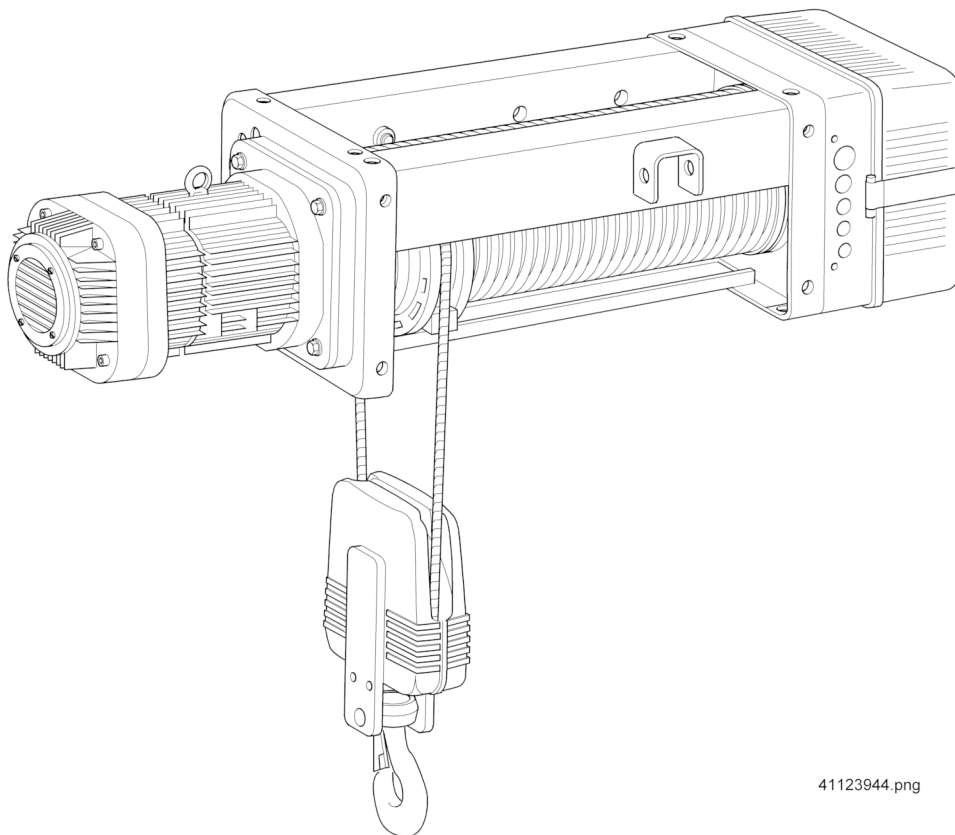


Spare parts list

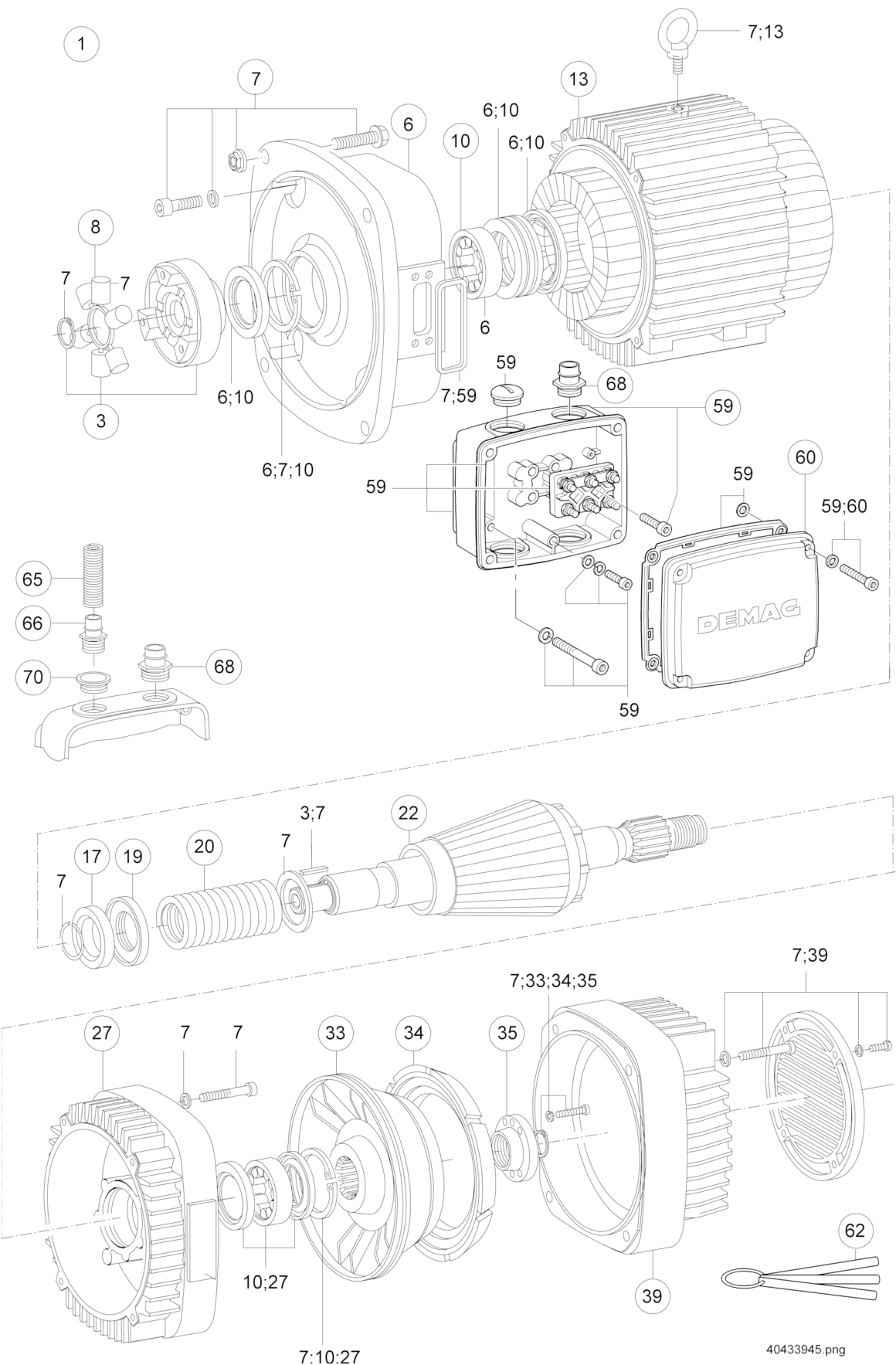
Demag DH 500 rope hoist



41123944.png

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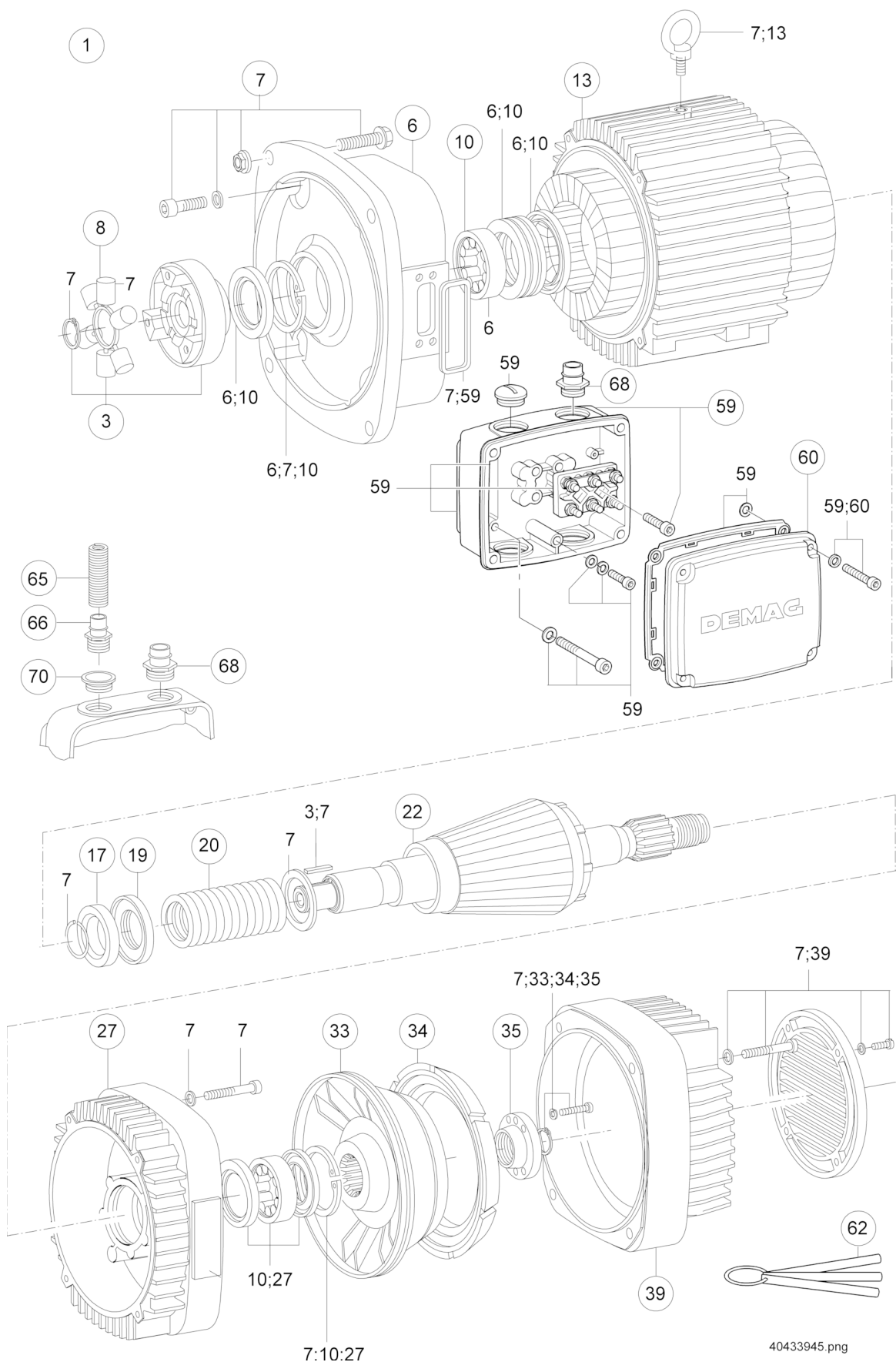
Item	Part no.	Quantity	Designation		Material	RSP
1	7015433	1	Motor set KBH112B4 DH 500		230400AB50	
3	35191333	1	Coupling set M H2N-28			
6	7464933	1	End shield set KBH112/500	1)		
7	7483533	1	Mounting parts set KB112			
8	75226133	1	Roller spider coupling H2			
10	7409933	1	Bearing and sealing set KB112			
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 500



Main hoist motor KBH 125 B 4

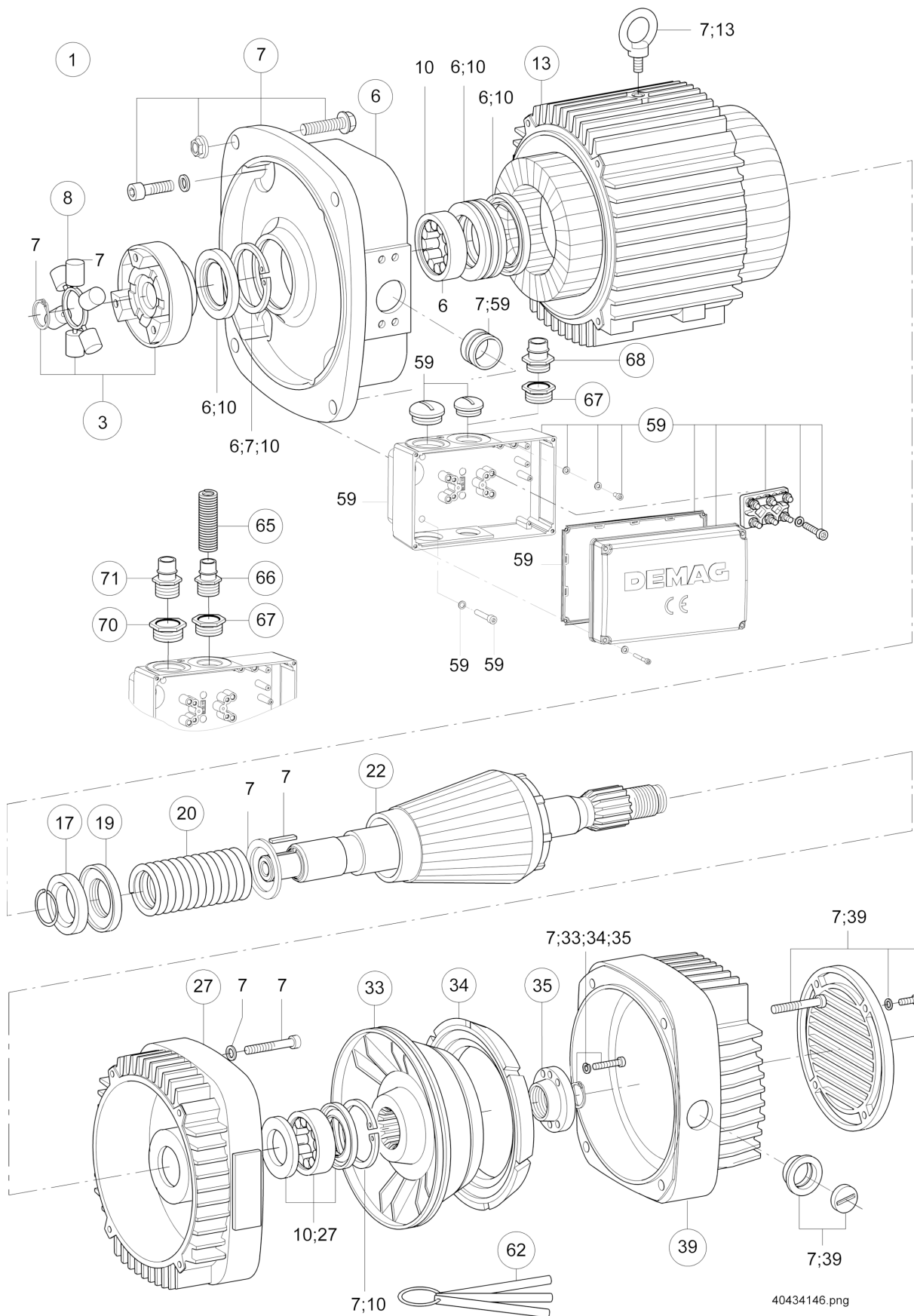
Main/creep hoist motor KBH 125 B2/12 - F 6

DH 500

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 500

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 GbBl 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 FFMVDNW17	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.



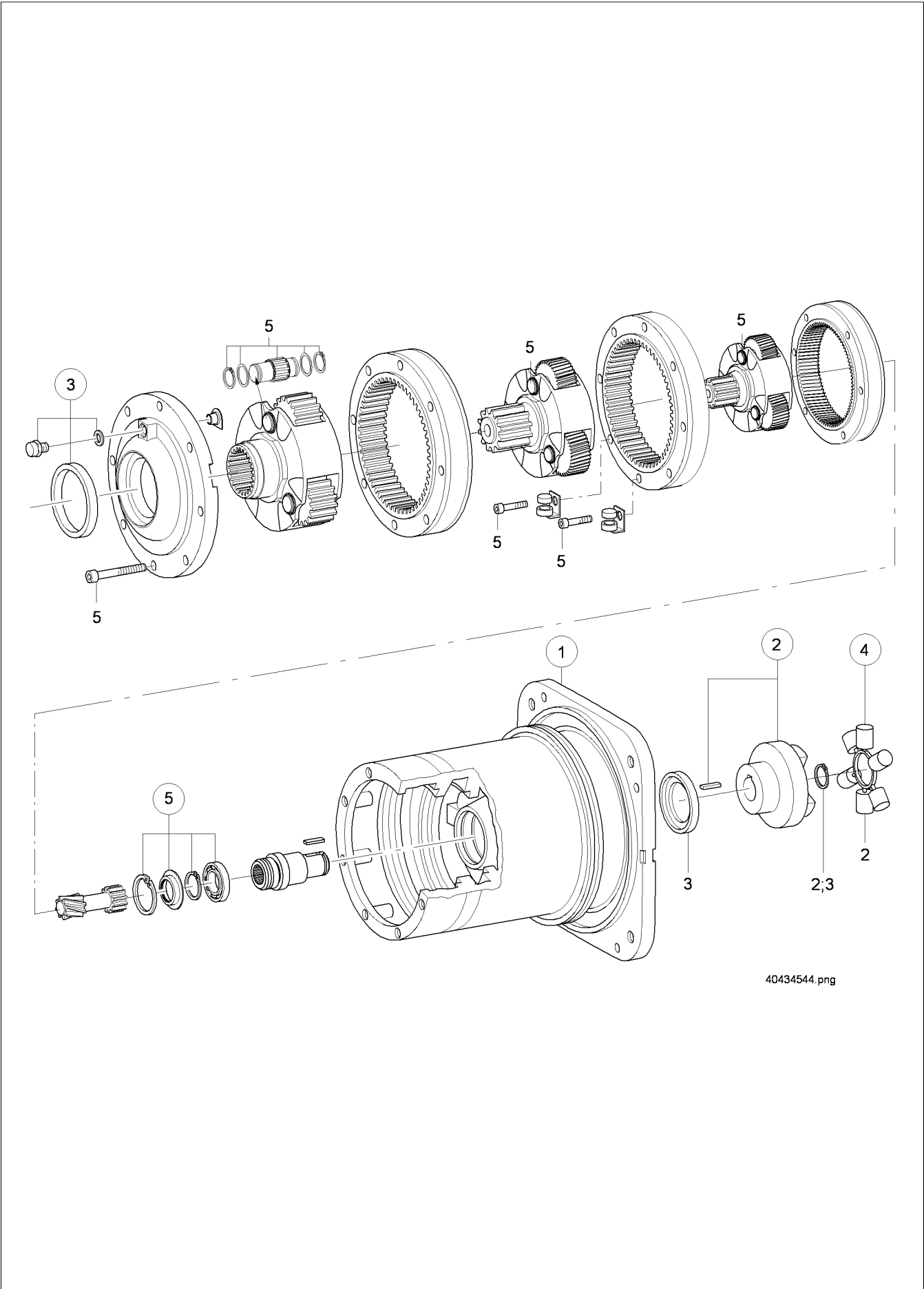
Item	Part no.	Quantity	Designation		Material	RSP
1	8503033	1	Motor set KBH160B2/12DH 500		400AB50	
3	35191533	1	Coupling set M H2N-32			
6	8964933	1	End shield set KBH160/500	1)		
7	8983533	1	Mounting parts set KB160			
8	75226133	1	Roller spider coupling H2			
10	8909933	1	Bearing and sealing set KB160			
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

DH 500



3-stage, planetary gear

Planetary gear combination with relevant motor

for two hoist speeds

DH 500

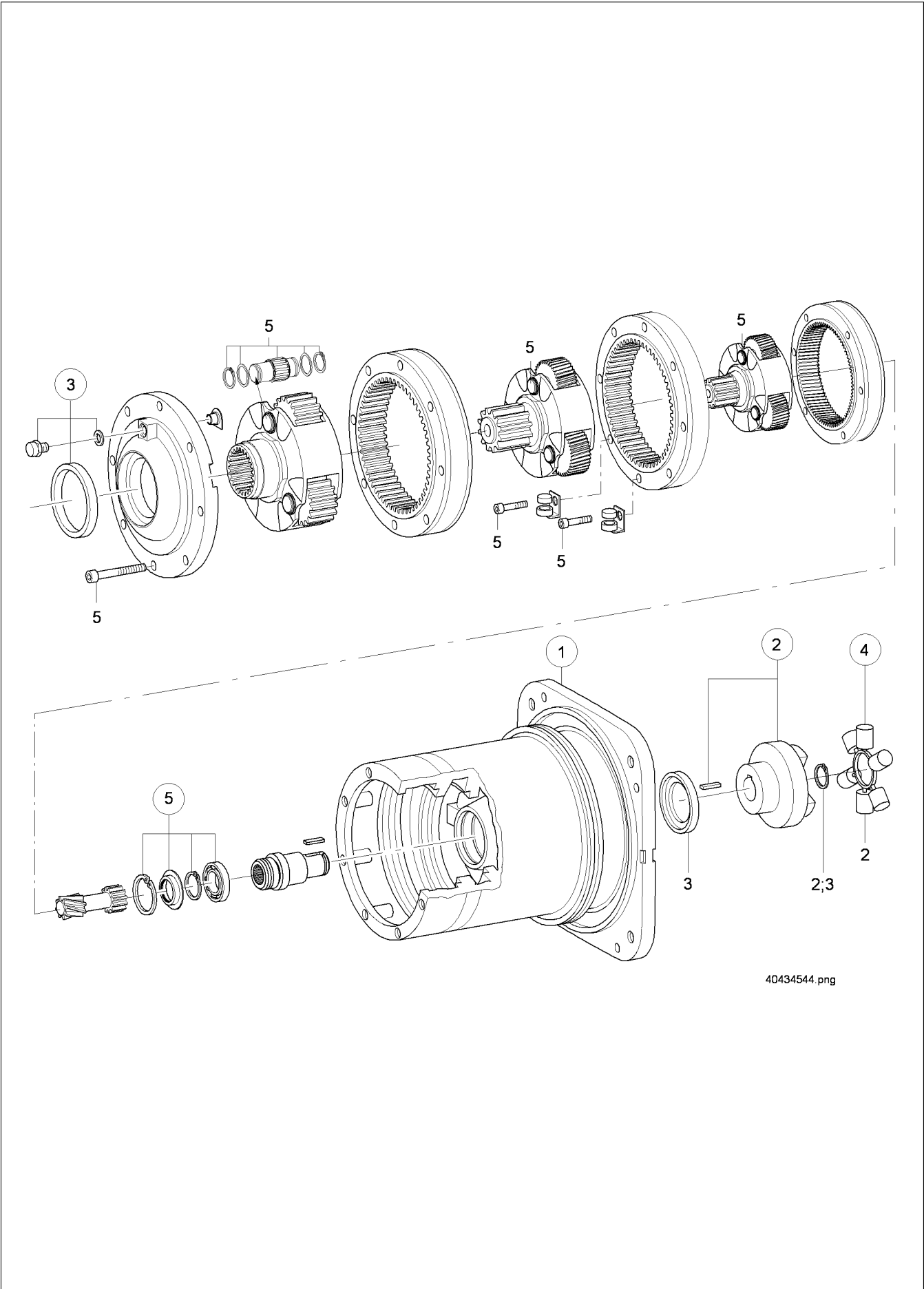
Item	Part no.	Quantity	Designation		Material	RSP
1			Gearbox for motor ZBA	1)		
			Gearbox for motor KBH 125 B2/12	2), 3), 4)		
1	82372133	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 525, V1	I=249	
1	82372233	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 520, 516, V1	I=192,8	
1	82372333	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 512, V1	I=161,2	
1			Gearbox for motor KBH 140 B2/12	2), 3), 4)		
1	82372233	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 532, V2	I=192,8	
1	82372333	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 525, V2	I=161,2	
1	82372433	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 520, 516, V2	I=124,8	
1	82352533	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 512, V2	I= 96,6	
1			Gearbox for motor KBH 160 B2/12	2), 3), 4)		
1	82372433	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 532, V3	I=124,8	
1	82352533	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 525, V3	I= 96,6	
1	82372633	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 520, 516, 512, 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	

21730644005

- 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

DH 500



3-stage planetary gear

Planetary gear combination with relevant motor

for one hoist speed

DH 500

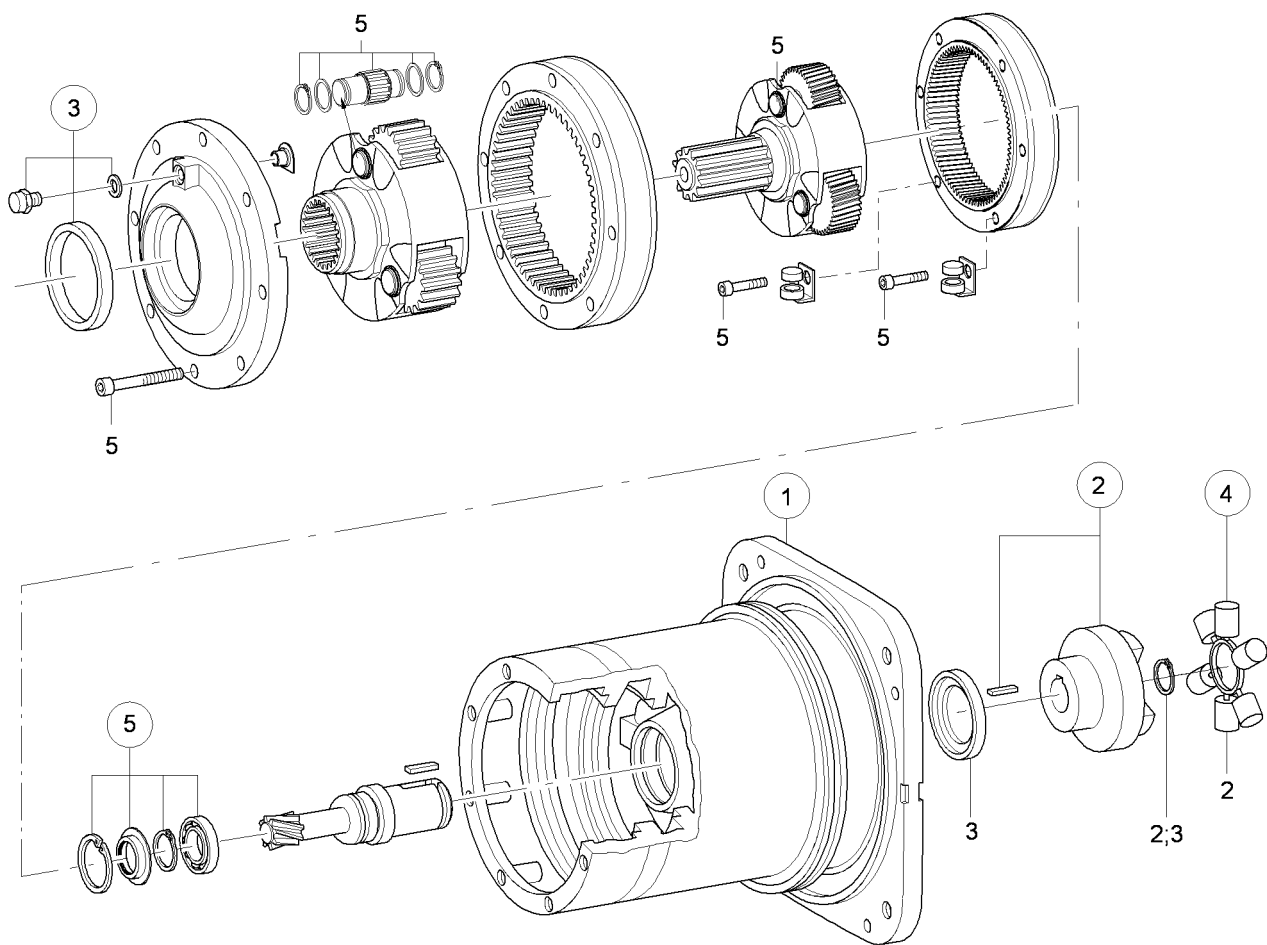
Item	Part no.	Quantity	Designation		Material	RSP
1			Gearbox for motor ZBA	1)		
1			Gearbox for motor KBH 112 B4	2), 3), 4)		
1	82372333	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 532, V1	I=161,2	
1	82372433	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 525, V1	I=124,8	
1	82352533	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 520, 516, V1	I= 96,6	
1	82372633	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 512, V1	I= 79,8	
1			Gearbox for motor KBH 125 B4	2), 3), 4)		
1	82352533	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 532, V2	I= 96,6	
1	82372633	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 525, V2	I= 79,8	
1	82352733	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 520, 516, V2	I= 66,7	
1	82352833	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 512, V2	I= 51,7	
1			Gearbox for motor KBH 140 B4	2), 3), 4)		
1	82352733	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 532, V3	I= 66,7	
1	82352833	1	Gearbox set DH 500/600 3ST	c/w items 2 - 5, DH 525, 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	

21730644006

- 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

DH 500



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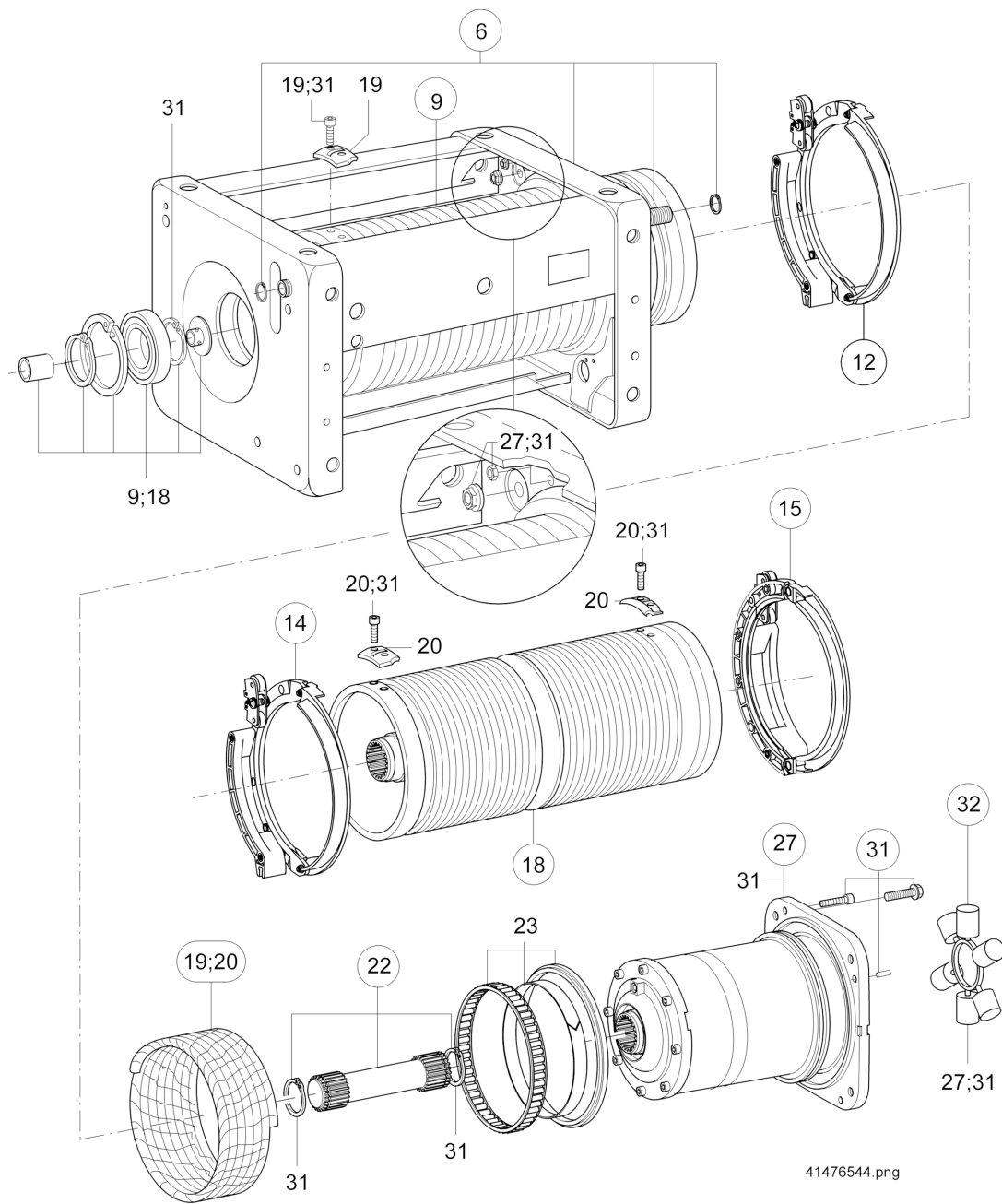
2-stage planetary gear, Planetary gear combination with relevant motor for one hoist speed

DH 500

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 520, 516, 512, V3	I= 37,6	
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	

21730644007

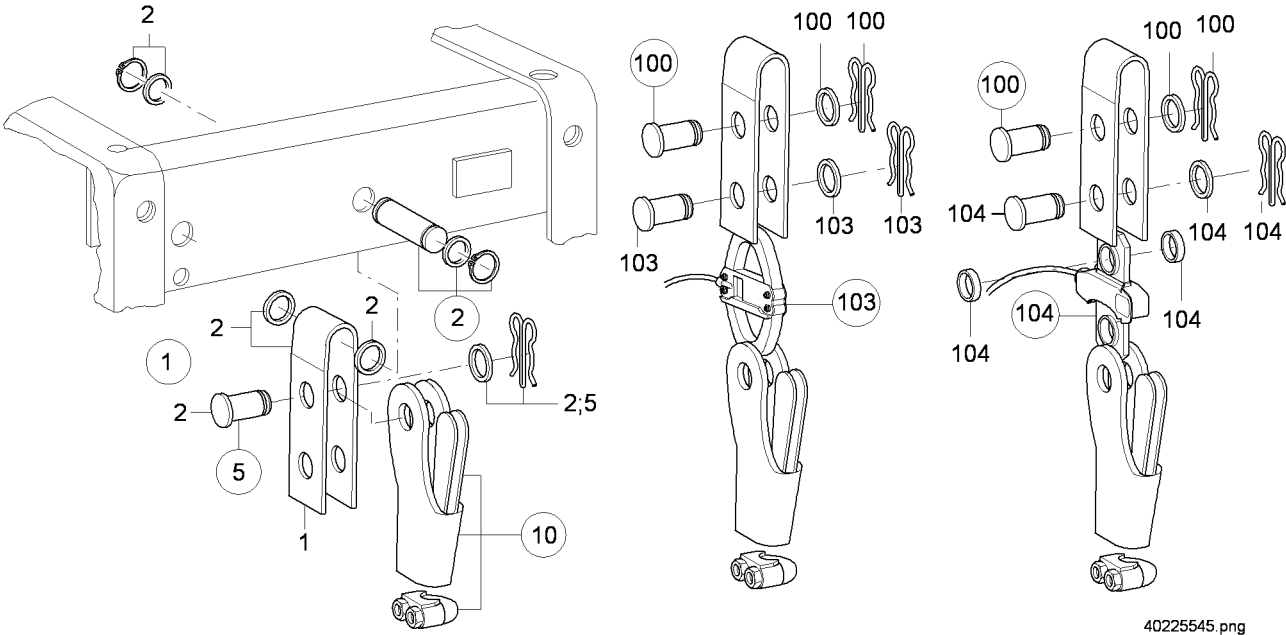
- 1) When ordering this sub-assembly (individual component parts are not supplied), please indicate the DH hoist serial number and order number. These data are specified on the rating plates.
- 2) When replacing a complete gearbox, it must always be ordered with a new drum bearing set.
- 3) Quantity 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.



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	DH 500/600	
9	82374233	1	Rope drum 1ril H20 14	DH 500/600	
9	82375533	1	Rope drum 1ril H40 14	DH 500/600	
9	82363533	1	Rope drum 1ril H52 14	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
18	82374533	1	Rope drum 2ril H12 11	2/2, 4/2	DH 500/600
18	82374633	1	Rope drum 2ril H20 11	2/2, 4/2	DH 500/600
19	82340033	1	Wire rope set DH5/600 14 H12 1/1	DH 532	27,4m
19	82340133	1	Wire rope set DH5/600 14 H12 1/1	DH 525, 520, 516, 512	27,4m
19	82340233	1	Wire rope set DH5/600 14 H20 1/1	DH 532	43,4m
19	82340333	1	Wire rope set DH5/600 14 H20 1/1	DH 525, 520, 516, 512	43,4m
19	82340433	1	Wire rope set DH 500 14 H40 1/1	DH 532	83,4m
19	82340533	1	Wire rope set DH 500 14 H40 1/1	DH 525, 520, 516, 512	83,4m
19	82340633	1	Wire rope set DH 500 14 H52 1/1	DH 532	107,4m
19	82340733	1	Wire rope set DH 500 14 H52 1/1	DH 525, 520, 516, 512	107,4m
19	82348133	1	Wire rope set DH 500 14 H12 2/1	DH 532, 525, 520	28,3m
19	82341633	1	Wire rope set DH 500 14 H12 2/1	DH 516, 512	28,5m
19	82341733	1	Wire rope set DH 500 14 H20 2/1	DH 532, 525, 520	44,3m
19	82341833	1	Wire rope set DH 500 14 H20 2/1	DH 516, 512	44,6m
19	82341933	1	Wire rope set DH 500 14 H40 2/1	DH 532, 525, 520	84,3m
19	82342033	1	Wire rope set DH 500 14 H40 2/1	DH 516, 512	84,6m
19	82342133	1	Wire rope set DH 500 14 H52 2/1	DH 532, 525, 520	108,3m
19	82342233	1	Wire rope set DH 500 14 H52 2/1	DH 516, 512	108,6m
19	82348233	1	Wire rope set DH 500 14 H12 4/1	DH 532, 525, 520	30,0m
19	82349833	1	Wire rope set EKDH625 14 H12 4/1	DH 516, 512	30,7m
19	82349133	1	Wire rope set DH 500 14 H20 4/1	DH 532, 525, 520	46,0m
19	82349933	1	Wire rope set EKDH625 14 H20 4/1	DH 516, 512	46,7m
19	82342533	1	Wire rope set DH 500 14 H40 4/1	DH 532, 525, 520	86,0m
19	82342633	1	Wire rope set DH 500 14 H40 4/1	DH 516, 512	86,7m
19	82342733	1	Wire rope set DH 500 14 H52 4/1	DH 532, 525, 520	110,0m
19	82342833	1	Wire rope set DH 500 14 H52 4/1	DH 516, 512	110,7m
20	82342933	1	Wire rope set DH5/600 11 H12 2/2	DH 500	2x 13,8m
20	82343033	1	Wire rope set DH5/600 11 H20 2/2	DH 500	2x 23,2m
20	82343133	1	Wire rope set DH 500 11 H40 2/2	DH 525, 520, 516, 512	2x 48,2m
20	82343233	1	Wire rope set DH5/600 11 H52 2/2	DH 525, 520, 516, 512	2x 63,2m
20	82343333	1	Wire rope set DH5/600 11 H12 4/2	DH 532, 525, 520	29,2m
20	82343433	1	Wire rope set DH5/600 11 H12 4/2	DH 516, 512	29,5m
20	82343533	1	Wire rope set DH5/600 11 H20 4/2	DH 532, 525, 520	49,1m
20	82343633	1	Wire rope set DH5/600 11 H20 4/2	DH 516, 512	49,4m
20	82343733	1	Wire rope set DH 500 11 H40 4/2	DH 532, 525, 520	99,1m
20	82343833	1	Wire rope set DH 500 11 H40 4/2	DH 516, 512	99,4m
20	82343933	1	Wire rope set DH 500 11 H52 4/2	DH 532, 525, 520	129,1m
20	82344033	1	Wire rope set DH 500 11 H52 4/2	DH 516, 512	129,4m
22	82317633	1	Plug-in shaft DH 500/600 H12	1)	
22	82317733	1	Plug-in shaft DH 500/600 H20	1)	
22	82317833	1	Plug-in shaft DH 500/600 H40	1)	
22	82317933	1	Plug-in shaft DH 500/600 H52	1)	
23	82336533	1	Installation kit drum bearing 30Brt	2), 3)	DH 500/600
23	82335733	1	Installation kit drum bearing 30Brt	old design	DH 500/600
27			Gearbox	4), 5)	
31	82309633	1	Mounting parts set DH 500/600		
32	75226133	1	Roller spider coupling H2		

21730644008

- 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.
- 5) Spare parts see chapter "Planetary gearbox".



40225545.png

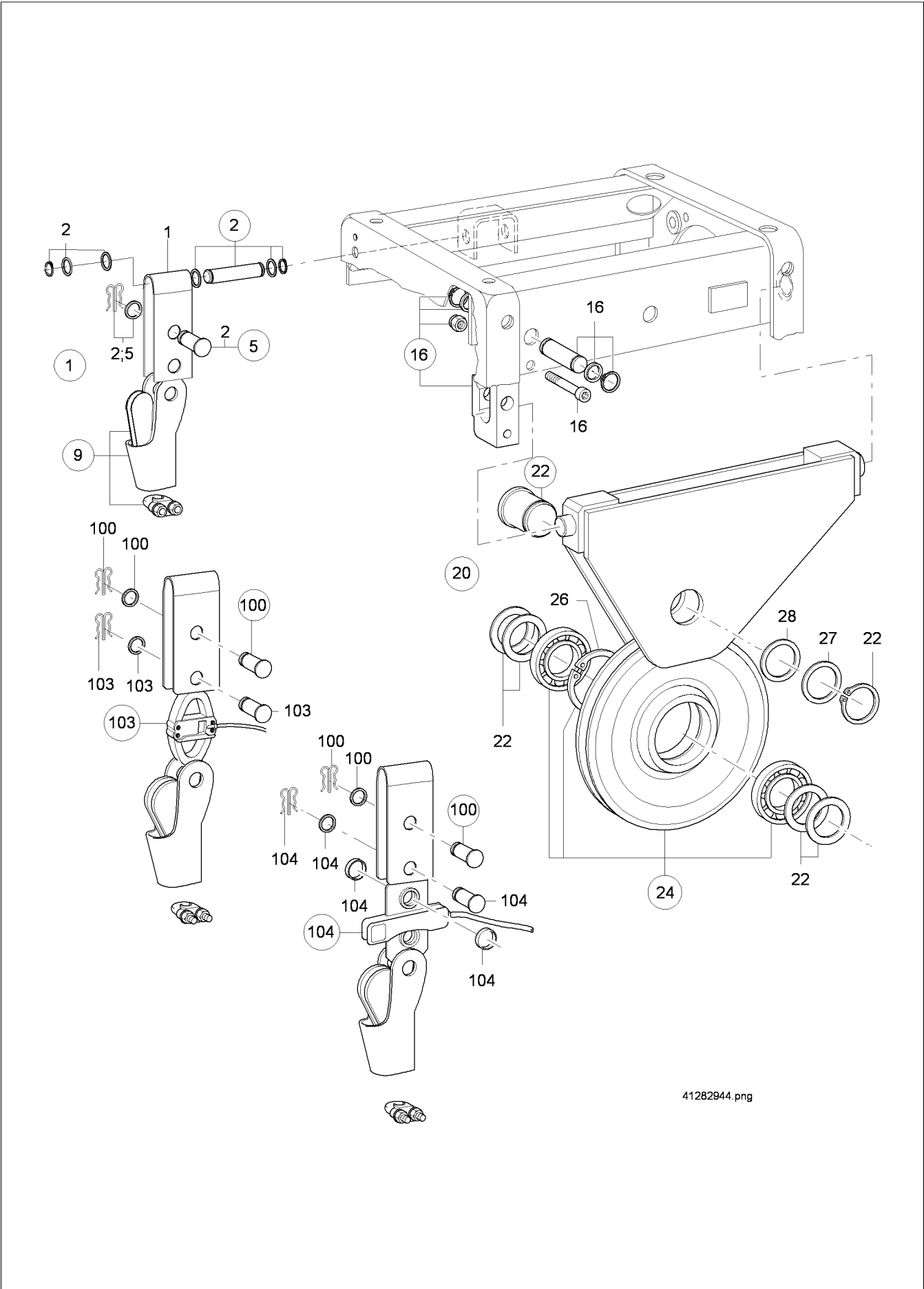
Rope retaining crosshead, 2/1 reeving

DH 500

Item	Part no.	Quantity	Designation		Material	RSP
1	82840033	1	Rope wedge crosshead DH 500	c/w items 2, 5, 10, 1), 2)	Set	
2	82357833	1	Pin connection set 2/1	1)	DH 500	
5	82358033	1	Bolt connection set + spring clip	3)	25x65	
10	82821833	1	Rope anchorage set DH425 2/1	DH 500	DH500	
100	82358033	1	Bolt connection set + spring clip	3)	25x65	
103	49160644	1	Unit MGS 3,15 T	DH 532	DH 532	
103	49159233	1	Unit MGS 2,5 T Set	DH 525	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 520	DH5/600,P	
103	49179233	1	Unit MGS 1,6 T Set	DH 516	DH5/600,P	
103	49189244	1	Unit MGS 1,25 T	DH 512	DH512,P412	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 500	DH500/600	

21730644009

- 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.



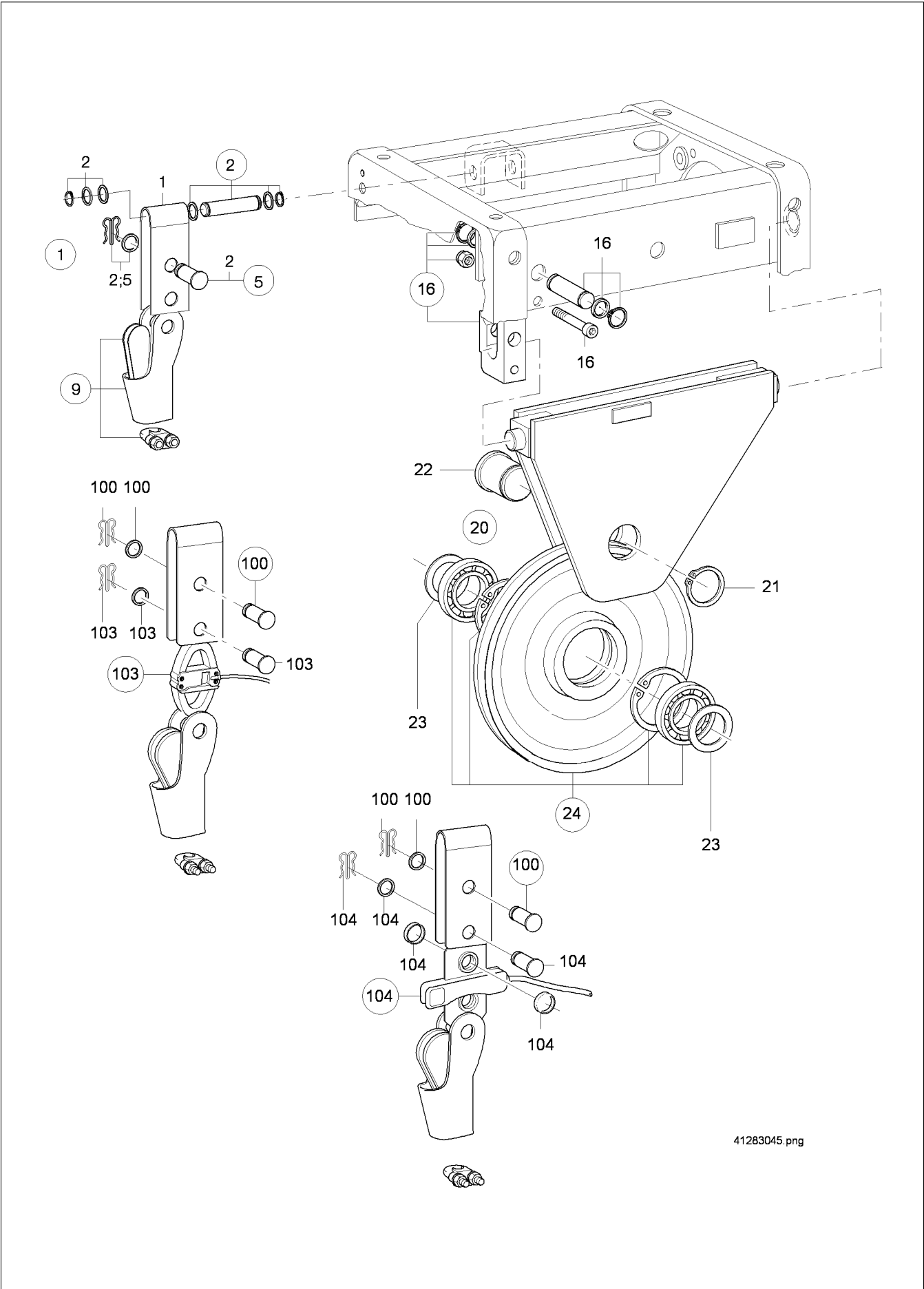
Rope retaining crosshead and return sheave 280/14, 4/1 reeving

DH 532, 525, 520, 516

Item	Part no.	Quantity	Designation		Material	RSP
1	82840033	1	Rope wedge crosshead DH 500	c/w items 2, 5, 9, 1), 2)	Set	
2	82357833	1	Pin connection set 2/1	4/1, 1)	DH 500	
5	82358033	1	Bolt connection set + spring clip	3)	25x65	
9	82831833	1	Rope anchorage set DH 600	3)		
16	82318433	1	Mounting parts top block Set		DH 500	
20	82824944	1	Top block 280 14 5- 600 4/1	c/w items 22, 24, 27, 28, 2)		
22	82883333	1	Setbolt DH 3-600		55x75,5	
24	82968244	1	Rope sheave 280-14 hart		5- 600	
27	34348399	1	Supporting plate 55X 68X3		Fedst	
28	34138199	1	Shim 55X 68X1	4)	St2K50	
100	82358033	1	Bolt connection set + spring clip	3)	25x65	
103	49160644	1	Unit MGS 3,15 T	DH 532	DH 532	
103	49159233	1	Unit MGS 2,5 T Set	DH 525	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 520	DH5/600,P	
103	49179233	1	Unit MGS 1,6 T Set	DH 516, 5)	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 500	DH500/600	

21730644010

- 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.
- 4) Shim to compensate for tolerance. Dished washer (30) pre-tensioned by 0.5 mm.
- 5) Valid from 01.01.2001



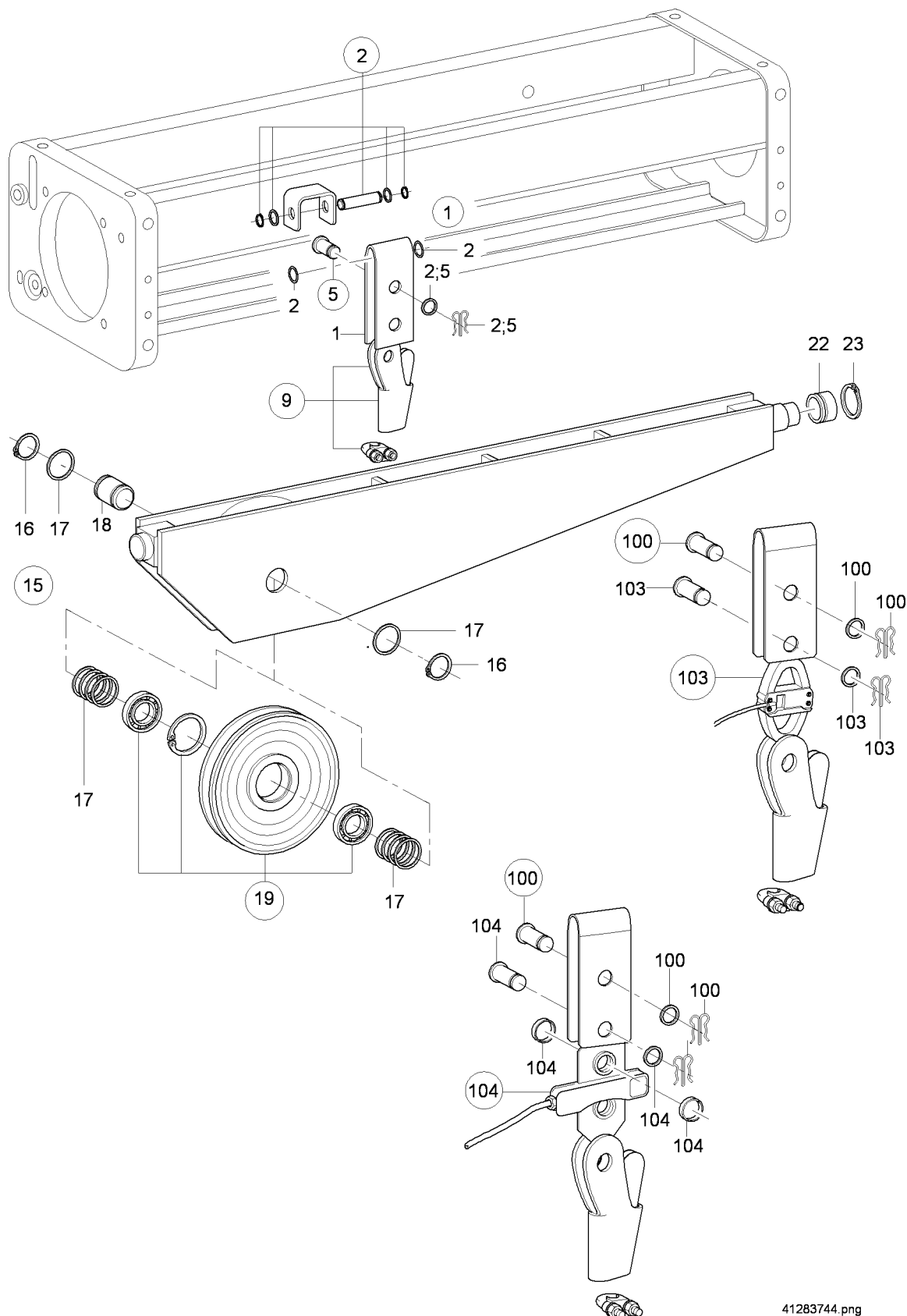
Rope retaining crosshead and return sheave 365/14, 4/1 reeving

DH 516, 512,

Item	Part no.	Quantity	Designation		Material	RSP
1	82840033	1	Rope wedge crosshead DH 500	c/w items 2, 5, 9, 1), 2)	Set	
2	82357833	1	Pin connection set 2/1	1)	DH 500	
5	82358033	1	Bolt connection set + spring clip	3)	25x65	
9	82831833	1	Rope anchorage set DH 600	DH 500, 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	82967133	1	Rope sheave set 365 14 Hart		DH 5-600	
100	82358033	1	Bolt connection set + spring clip	3)	25x65	
103	49179233	1	Unit MGS 1,6 T Set	DH 516, 4)	DH5/600,P	
103	49189244	1	Unit MGS 1,25 T	DH 512	DH512,P412	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 500	DH500/600	

21730644011

- 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.
- 4) Valid until 31.12.2000



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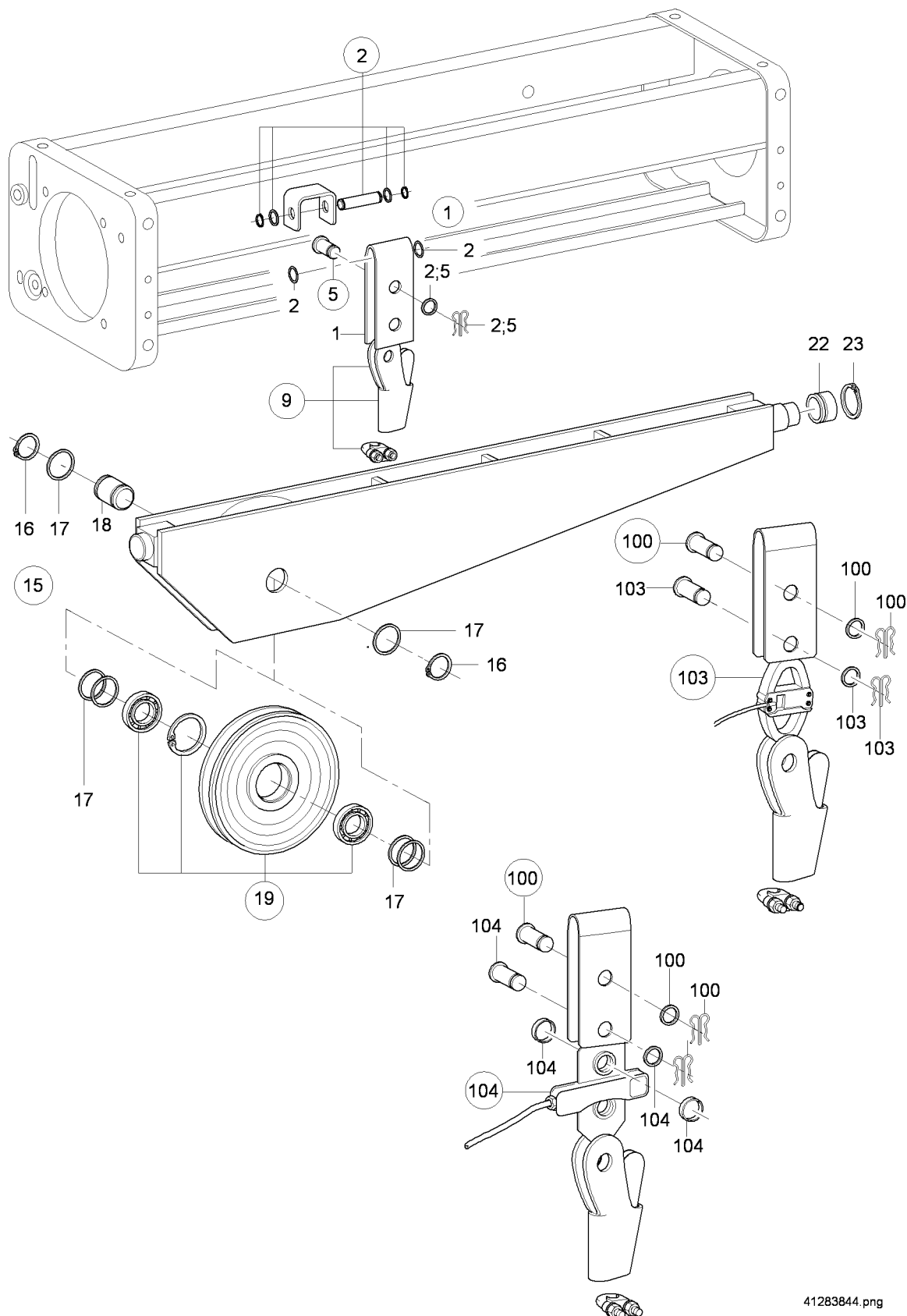
Rope retaining crosshead and return sheave 280/14, 4/1 reeving - H40 - H52, execution B

DH 532, 525, 520, 516

Item	Part no.	Quantity	Designation		Material	RSP
1	82840033	1	Rope wedge crosshead DH 500	c/w items 2, 5, 9, 1), 2)	Set	
2	82357833	1	Pin connection set 2/1	1)	DH 500	
5	82358033	1	Bolt connection set + spring clip	3)	25x65	
9	82831833	1	Rope anchorage set DH 600	DH 500		
15	60584546	1	Top block 280/14 H40	c/w items 16 - 19, 22, 23, 2)	DH 500/600	
15	60584946	1	Top block 280/14 H52	c/w items 16 - 19, 22, 23, 2)	DH 500/600	
16	34246699	2	Retaining ring 55X3		FedSt !L	
17	34348399	10	Supporting plate 55X 68X3		Fedst	
18	82920944	1	Pin 55h 8x 121,5Nut		C45SH	
19	82968244	1	Rope sheave 280-14 hart		5- 600	
22	82822944	1	Bush 50 x 64,5x 32		C45E+N	
23	34255799	1	Retaining ring 65X2,5		FedSt !L	
100	82358033	1	Bolt connection set + spring clip	3)	25x65	
103	49160633	1	Unit MGS 3,15 T	DH 532	DH532	
103	49159233	1	Unit MGS 2,5 T Set	DH 525	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 520	DH5/600,P	
103	49179233	1	Unit MGS 1,6 T Set	DH 516, 4)	DH5/600,P	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 500	DH500/600	

21730644012

- 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.
- 4) Valid from 01.01.2001



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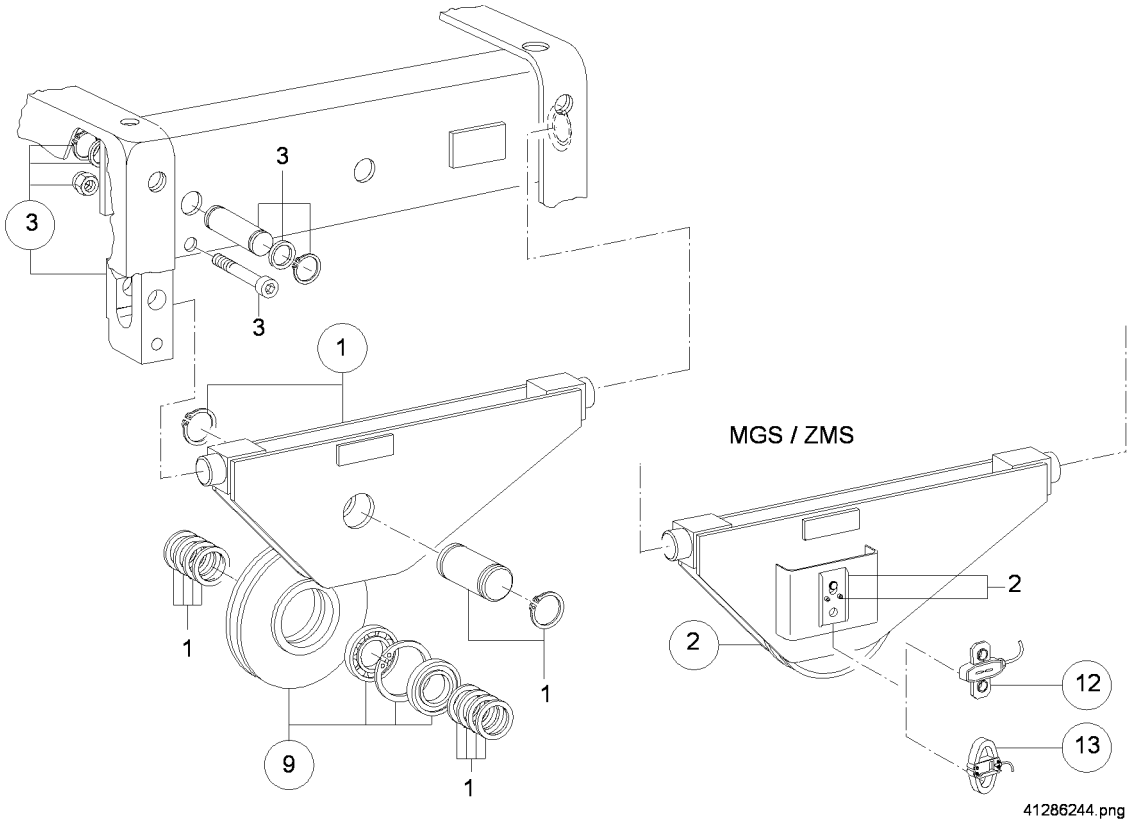
Rope retaining crosshead and return sheave 365/14, 4/1 reeving - H40 - H52, execution B

DH 516, 512

Item	Part no.	Quantity	Designation		Material	RSP
1	82840033	1	Rope wedge crosshead DH 500	c/w items 2, 5, 9, 1), 2)	Set	
2	82357833	1	Pin connection set 2/1	1)	DH 500	
5	82358033	1	Bolt connection set + spring clip	3)	25x65	
9	82831833	1	Rope anchorage set DH 600	DH 500		
15	60584746	1	Top block 365/14 H40	c/w items 16 - 19, 22, 23, 2)	DH 500/600	
15	60585146	1	Top block 365/14 H52	c/w items 16 - 19, 22, 23, 2)	DH 500/600	
16	34256099	2	Retaining ring 70X2,5		FedSt !L	
17	34139599	6	Supporting plate 70X 90X3,5		Fedst	
18	55926646	1	Pin 70h 8x 120 Nut		C45SH	
19	82967133	1	Rope sheave set 365 14 Hart		DH 5-600	
22	82822944	1	Bush 50 x 64,5x 32		C45E+N	
23	34255799	1	Retaining ring 65X2,5		FedSt !L	
100	82358033	1	Bolt connection set + spring clip	3)	25x65	
103	49179233	1	Unit MGS 1,6 T Set	DH 516, 4)	DH5/600,P	
103	49189244	1	Unit MGS 1,25 T	DH 512	DH512,P412	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 500	DH500/600	

21730644013

- 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.
- 4) Valid until 31.12.2000



Compensating sheave 160/11, 4/2 reeving - H12 - H20

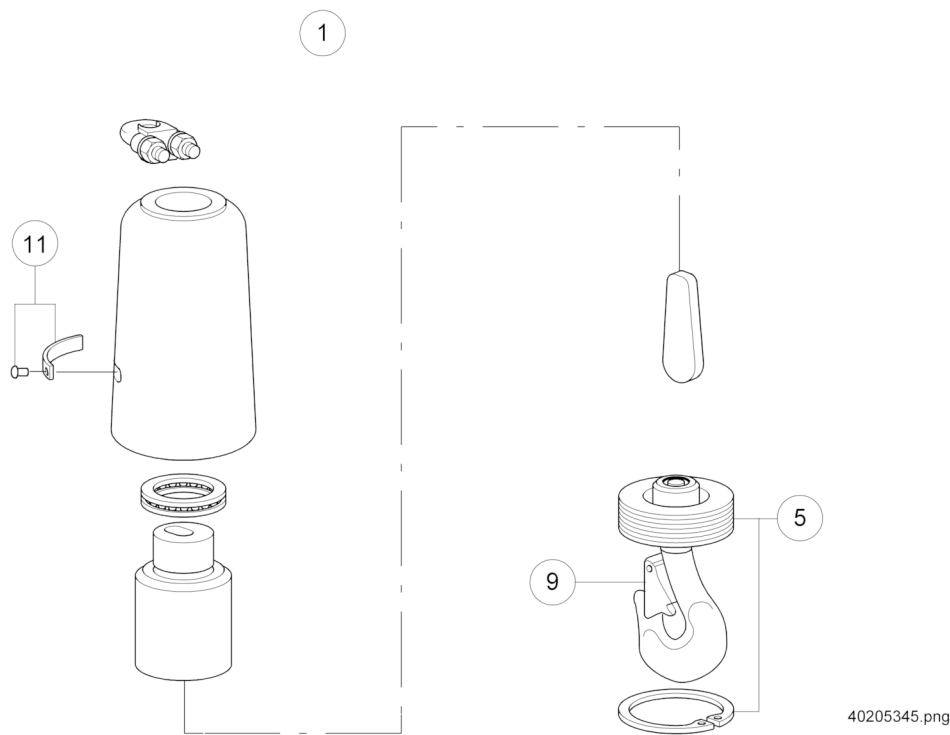
DH 500

Item	Part no.	Quantity	Designation		Material	RSP
1	82827033	1	Compensating sheave set 160/11 H12		DH 5-600	
1	82827233	1	Compensating sheave set 160/11 H20		DH 5-600	
2	90480746	1	Compensating sheave DH500600H12	ZMS, c/w item 12	ZMS 4/2	
2	90480846	1	Compensating sheave DH 512 H12	MGS, c/w item 13	MGS 4/2	
2	90480946	1	Compensating sheave DH516616H12	MGS, c/w item 13	MGS 4/2	
2	90481046	1	Compensating sheave DH520620H12	MGS, c/w item 13	MGS 4/2	
2	90481146	1	Compensating sheave DH525625H12	MGS, c/w item 13	MGS 4/2	
2	90481246	1	Compensating sheave DH532632H12	MGS, c/w item 13	MGS 4/2	
2	90481346	1	Compensating sheave DH500600H20	ZMS, c/w item 12	ZMS 4/2	
2	90481446	1	Compensating sheave DH 512 H20	MGS, c/w item 13	MGS 4/2	
2	90481546	1	Compensating sheave DH516616H20	MGS, c/w item 13	MGS 4/2	
2	90481646	1	Compensating sheave DH520620H20	MGS, c/w item 13	MGS 4/2	
2	90481746	1	Compensating sheave DH525625H20	MGS, c/w item 13	MGS 4/2	
2	90481846	1	Compensating sheave DH532632H20	MGS, c/w item 13	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 500	DH,PLV,P	
13	49189144	1	Unit MGS 0,5 T	DH 512	DH165,P,PL	
13	49179133	1	Unit MGS 0,624 T Set	DH 516	DH166,P,PL	
13	49169133	1	Unit MGS 0,8 T Set	DH 520	DH168,P,PL	
13	49179633	1	Unit MGS 1,0 T Set	DH 525	DH210,310	
13	49169633	1	Unit MGS 1,25 T Set	DH 532	DH212,312	

21730644014

Hook with fittings,
1/1 reeving

DH 532 - 1Bm
DH 525 - 1Am
DH 520 - 2m
DH 516 - 3m
DH 512 - 4m



Hook with fittings,
1/1 reeving

DH 532 - 1Bm
DH 525 - 1Am
DH 520 - 2m
DH 516 - 3m
DH 512 - 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

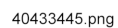
Bottom block 280/14,
2/1 reeving

DH 532 - 1Bm

DH 525 - 1Am

DH 520 - 2m

DH 516 - 3m

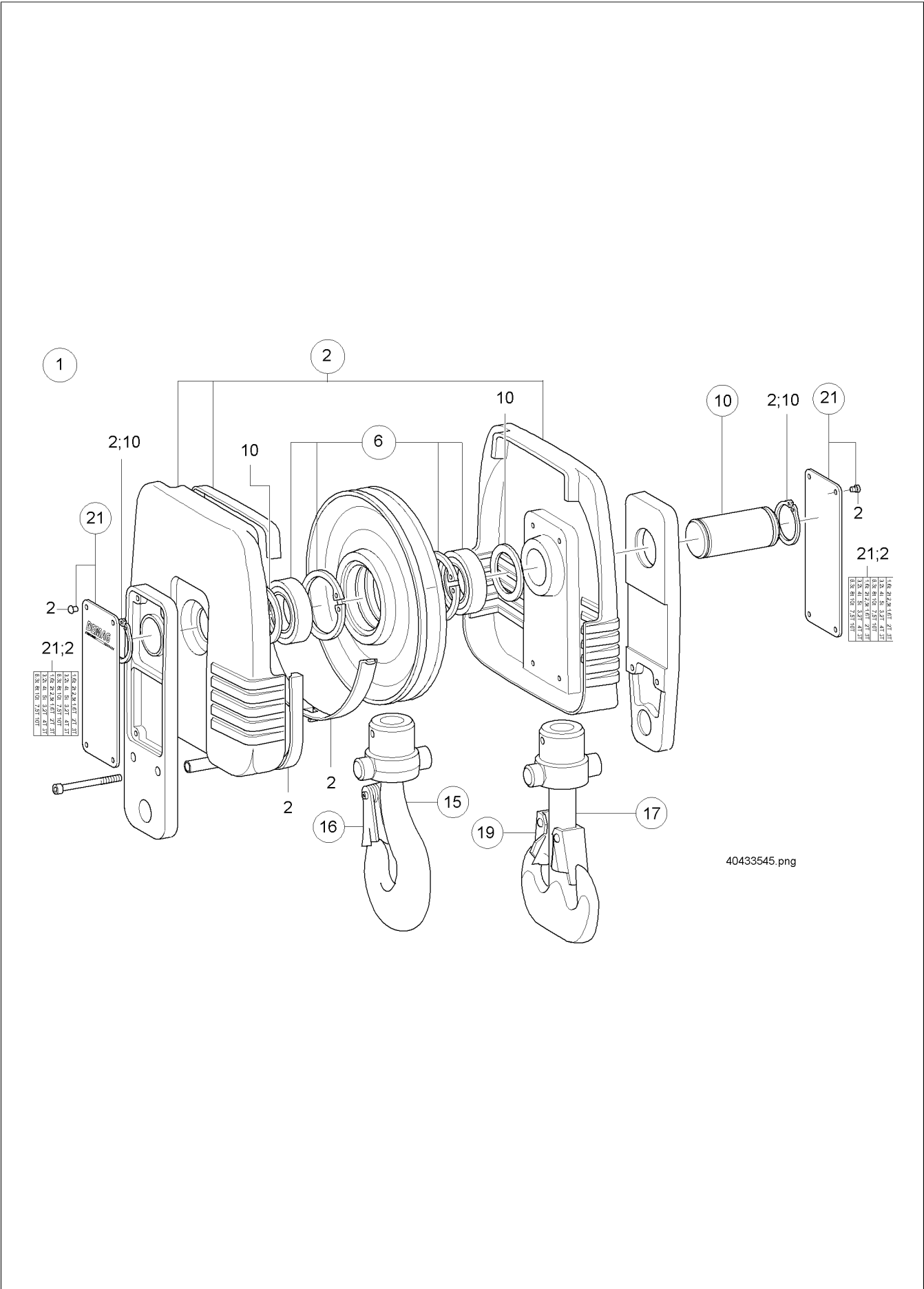


Bottom block 280/14,
2/1 reeving

DH 532 - 1Bm
DH 525 - 1Am
DH 520 - 2m
DH 516 - 3m

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

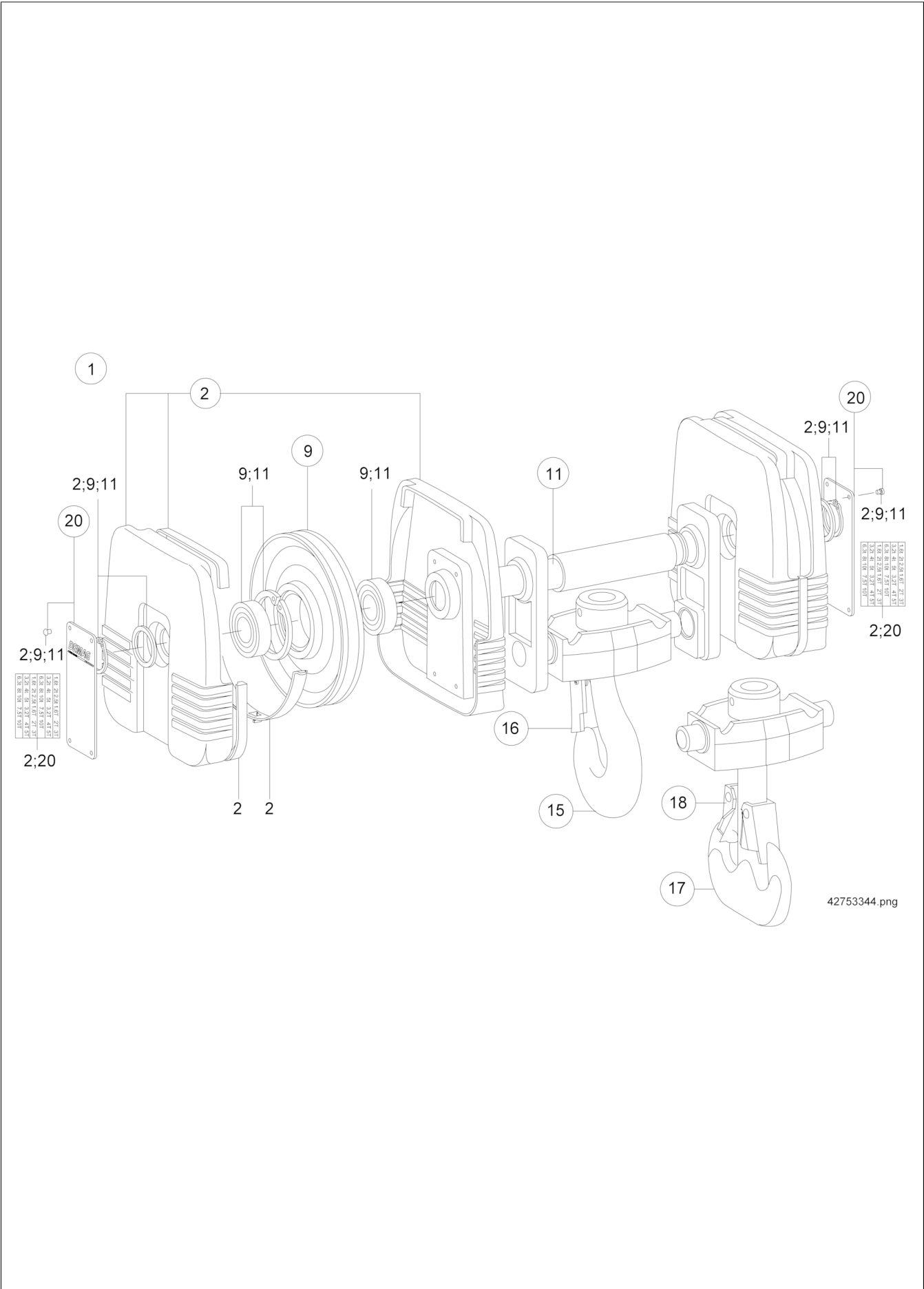
DH 512 - 4m

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 532 - 1Bm
DH 525 - 1Am
DH 520 - 2m
DH 516 - 3m

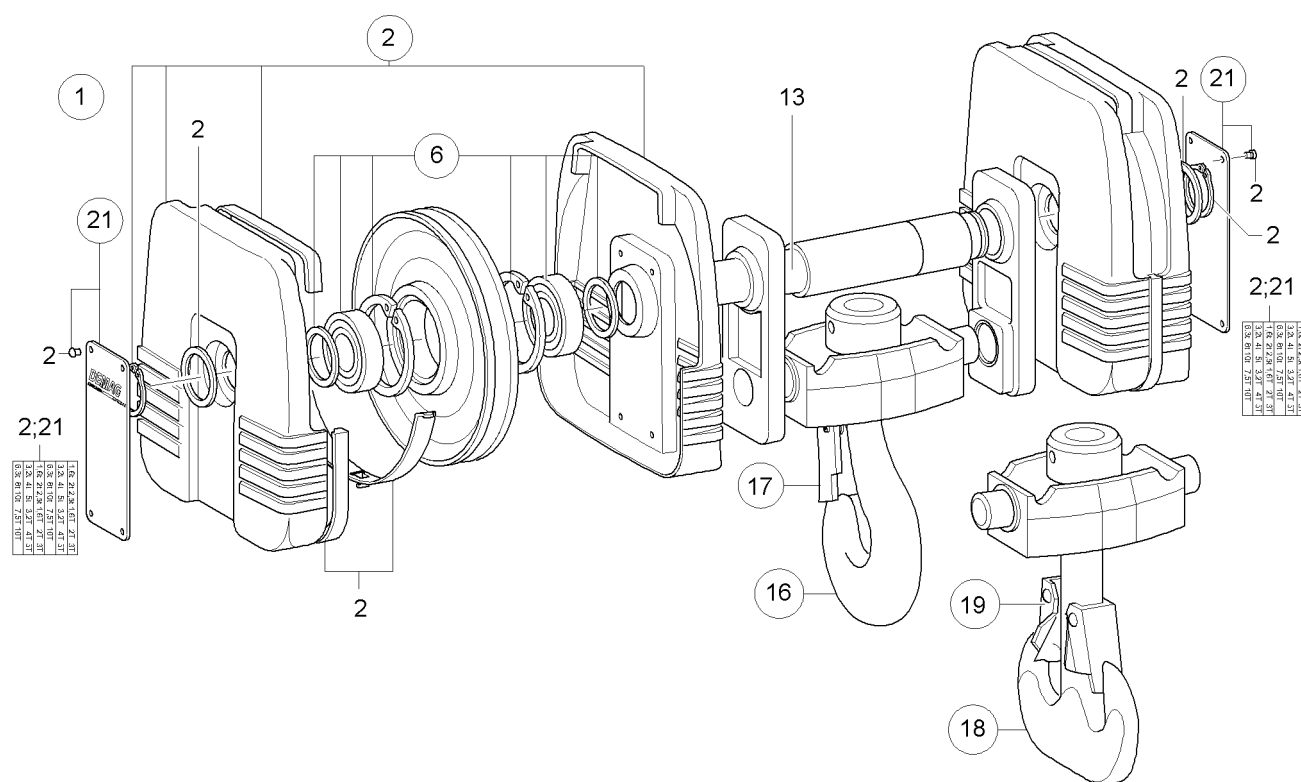


Bottom block 280/14,
4/1 reeving

DH 532 - 1Bm
DH 525 - 1Am
DH 520 - 2m
DH 516 - 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

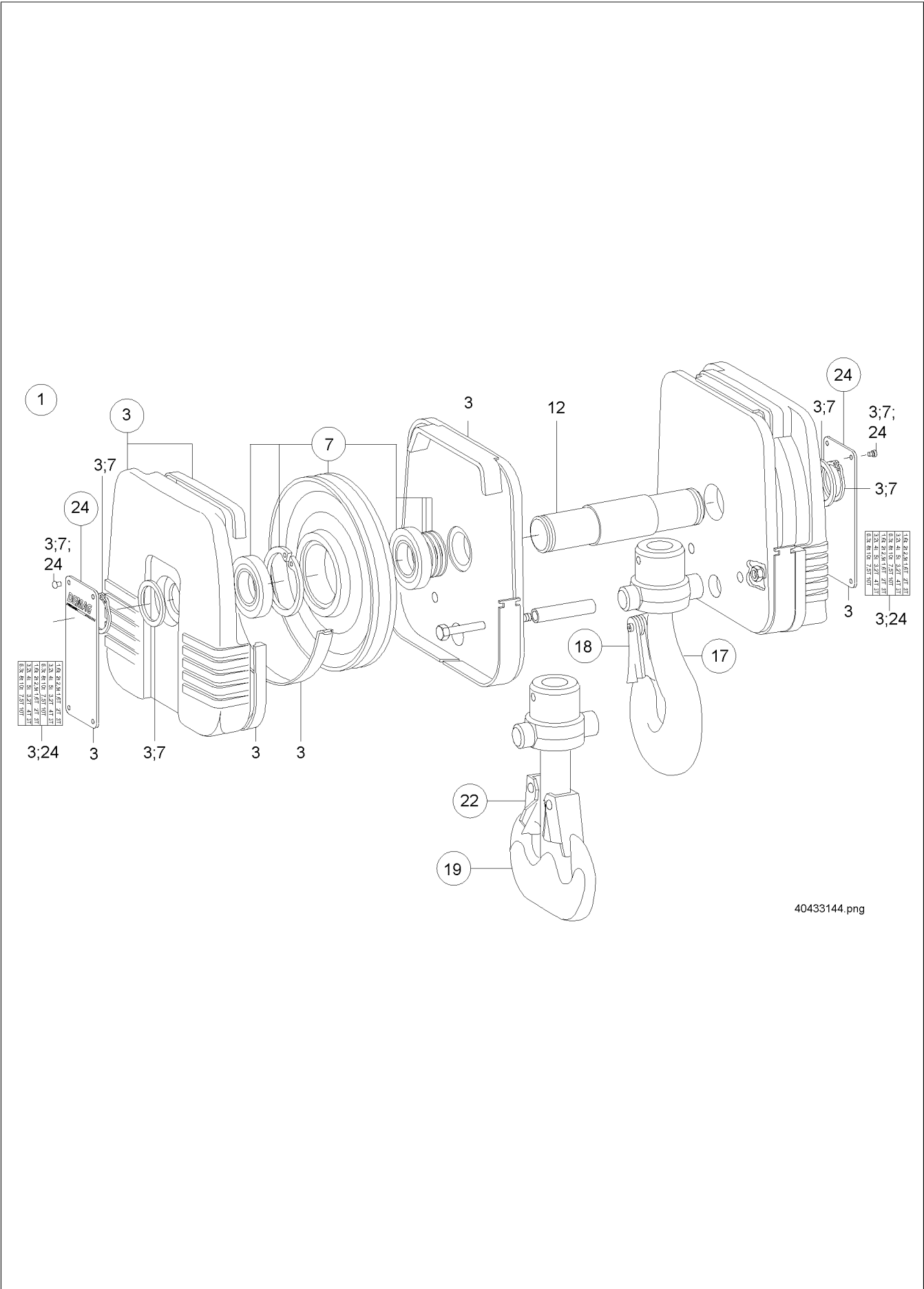
DH 512 - 4m

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 532 - 1Bm
DH 525 - 1Am
DH 520 - 2m
DH 516 - 3m

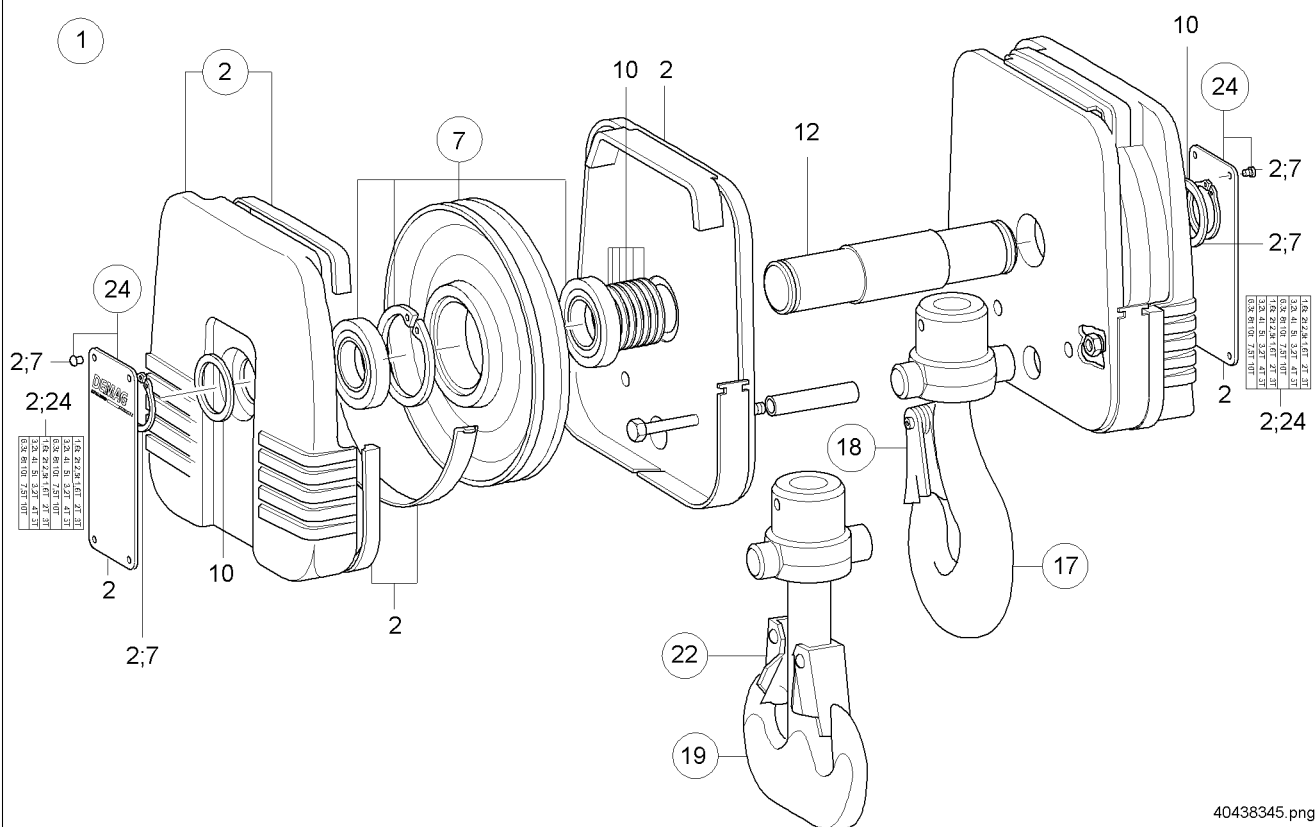


Bottom block 225/11,
4/2 reeving

DH 532 - 1Bm
DH 525 - 1Am
DH 520 - 2m
DH 516 - 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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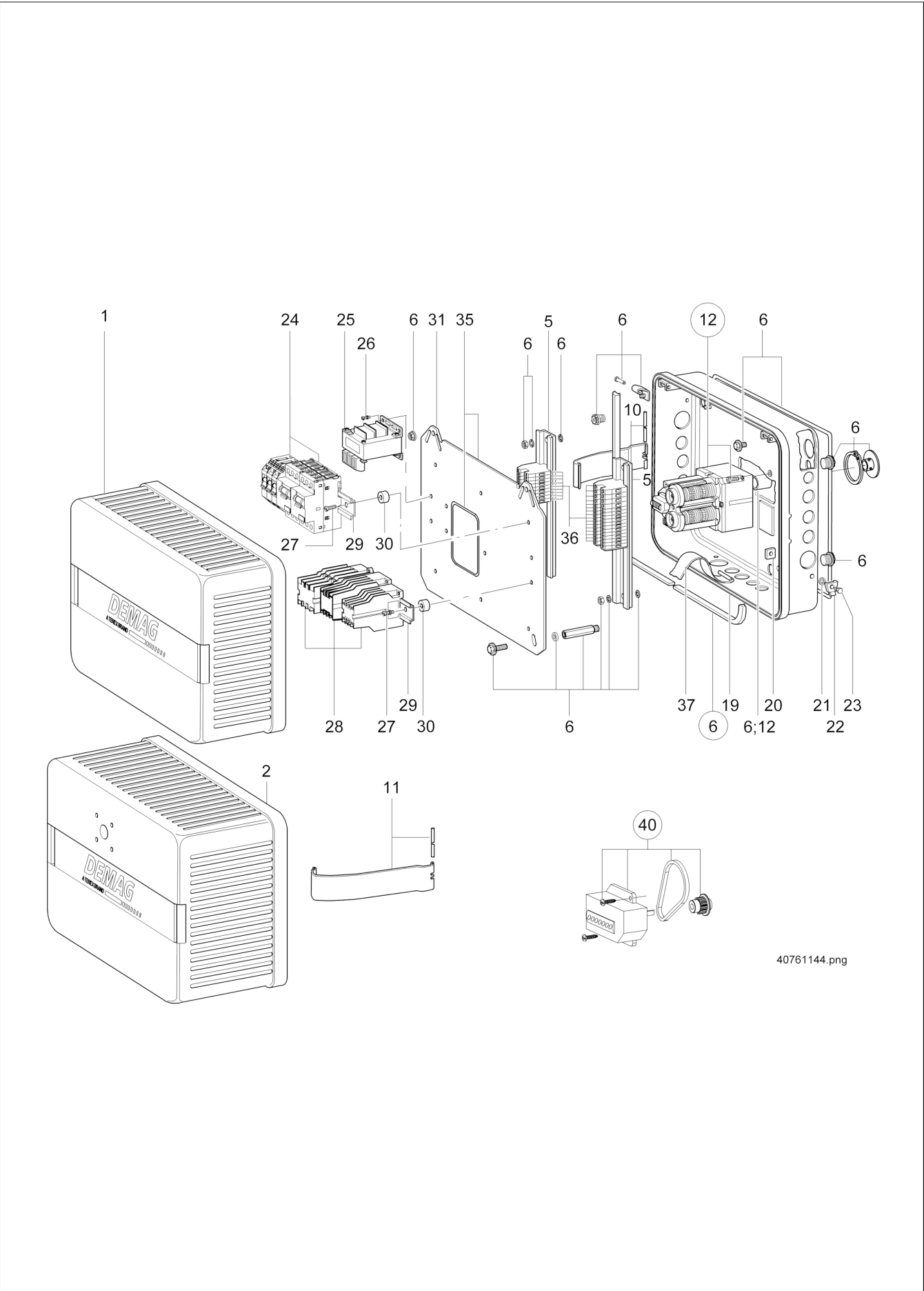


Bottom block 280/11, 4/2 reeving

DH 512 - 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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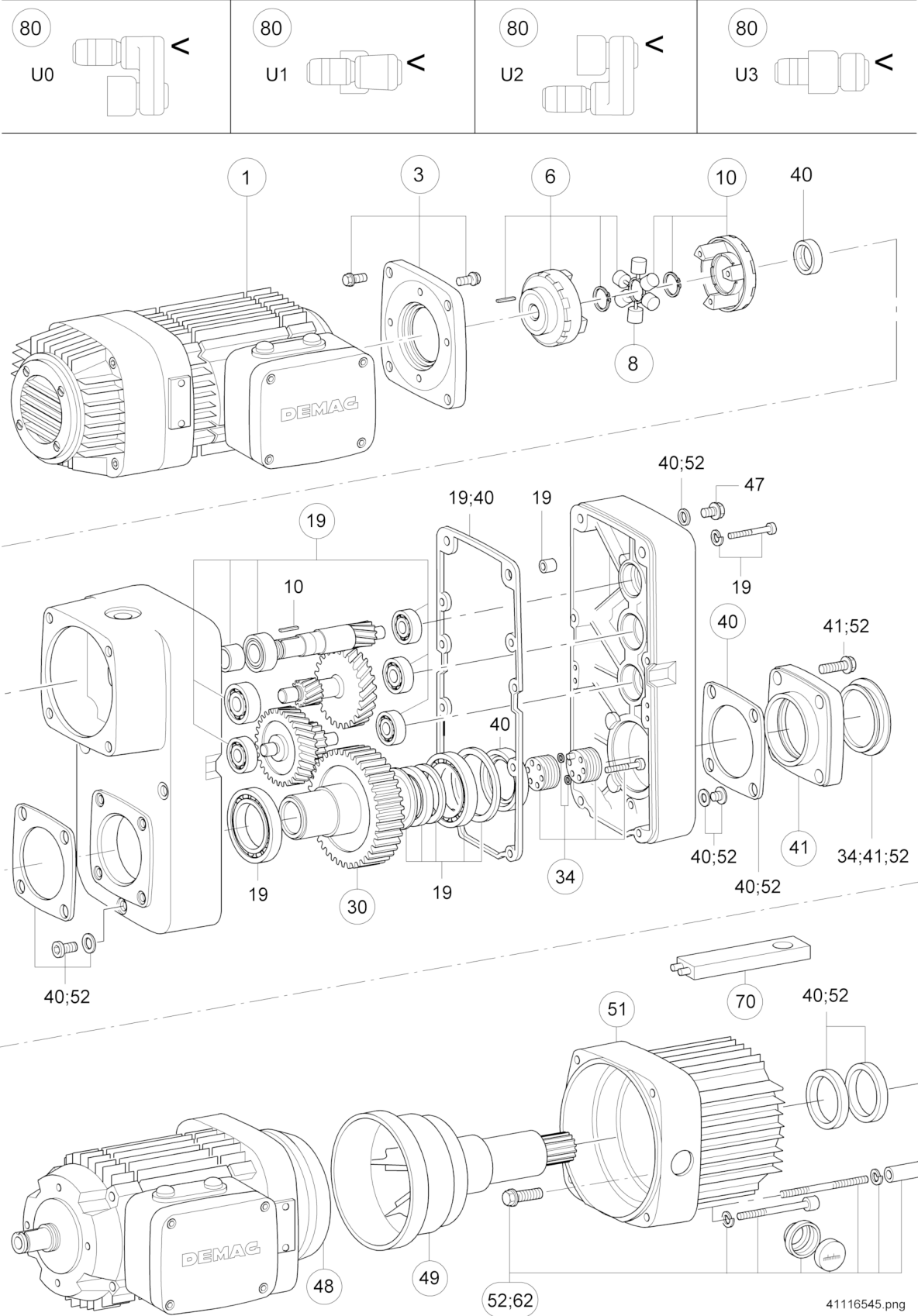
Item	Part no.	Quantity	Designation		Material	RSP
1	36031446		1 Hood DH 500		ST1403M	
2	36033346		1 Hood long DH 500		ST1403M	
5	89493644		2 Supporting rail 35 / 7,5X 270M		FE-ZN8C-C	
6	82309533		1 Mounting parts set DH 500/600		Elektrik	
10	36051946		2 Spring holder short		X12CRNi177	
11	36051146		2 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.

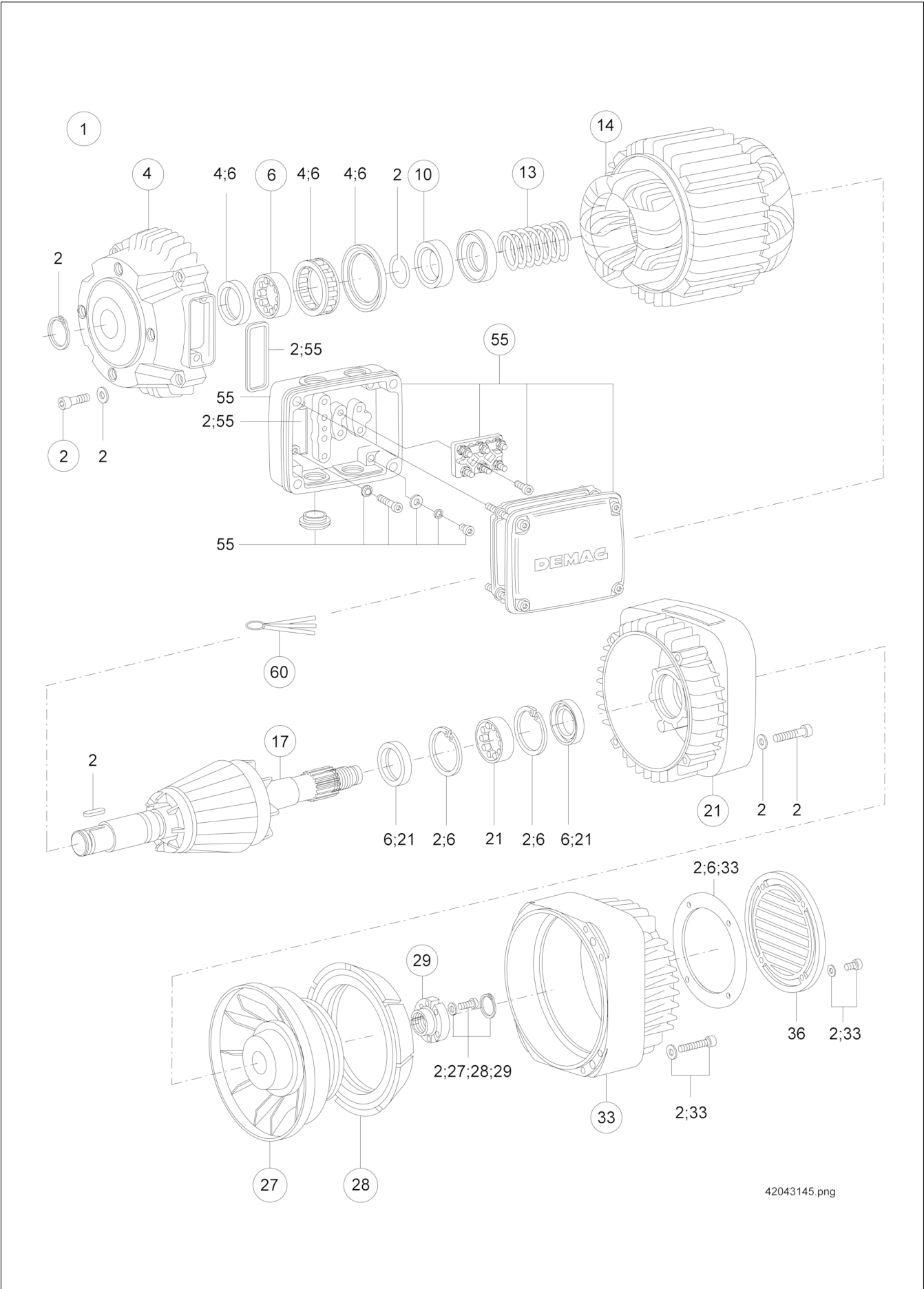


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Item	Part no.	Quantity	Designation		Material	RSP
1			Motor KBA 71	1)		
1			Motor KBA 80	2)		
1			Motor KBA 90	3)		
3	35189133	1	Coupling flange set	Mot. 71	Mot71_FG08	
3	71522233	1	Set intermediate flange 160.2	Mot. 80/90	MOT 80- 90	
6	35190533	1	Coupling 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".



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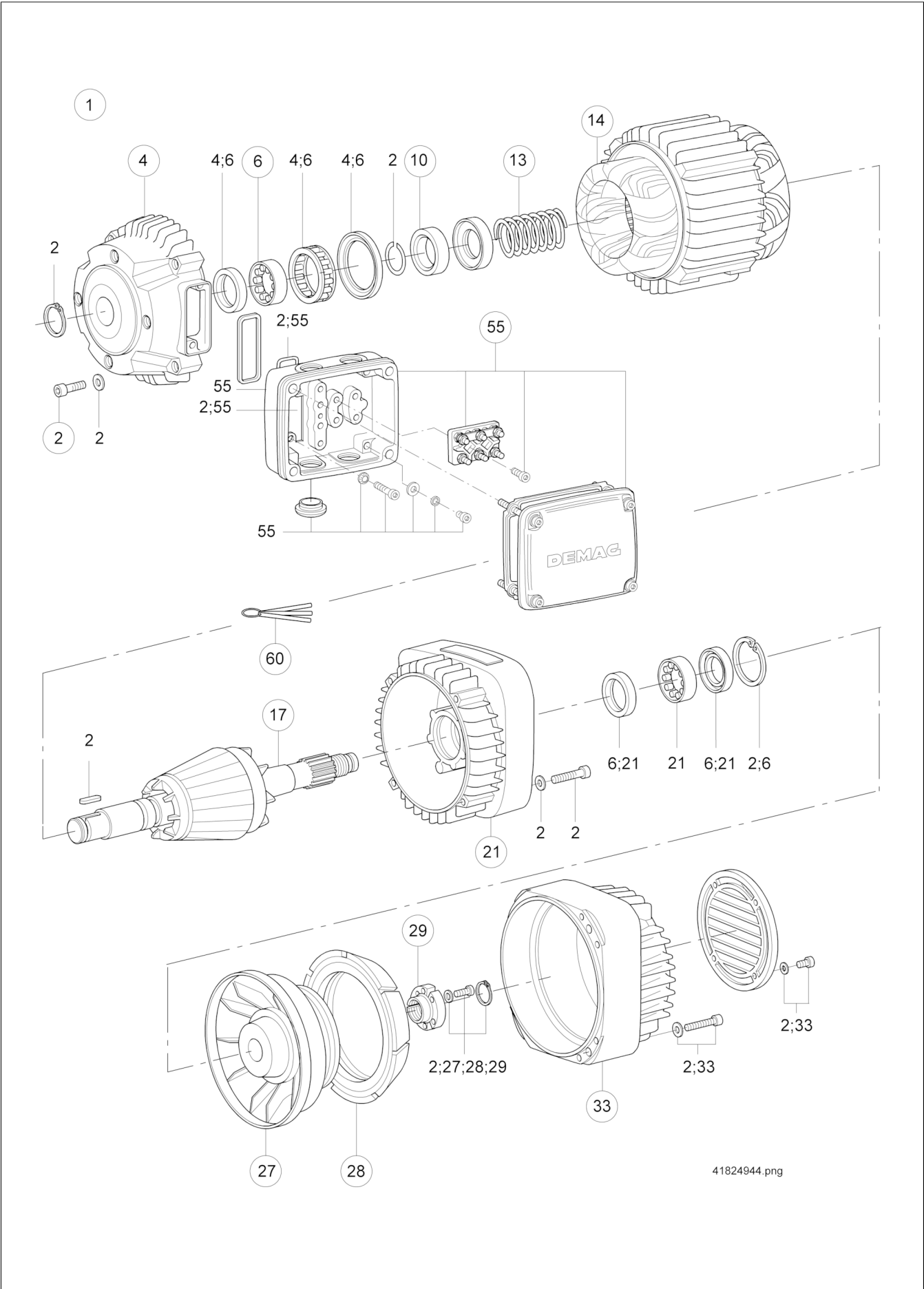
Item	Part no.	Quantity	Designation		Material	RSP
1	5004984	1	Motor KBA 71B 4 GB14		230400AB50	
2	5483533	1	Mounting parts set KB 71			
4	5460333	1	End shield set AS KB 71		GG-20	
6	5409933	1	Bearing and sealing set KB 71			
10	5480833	1	Thrust ring set KB 71	1), 2)		
13	5477984	1	Pressure spring GbGn 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.



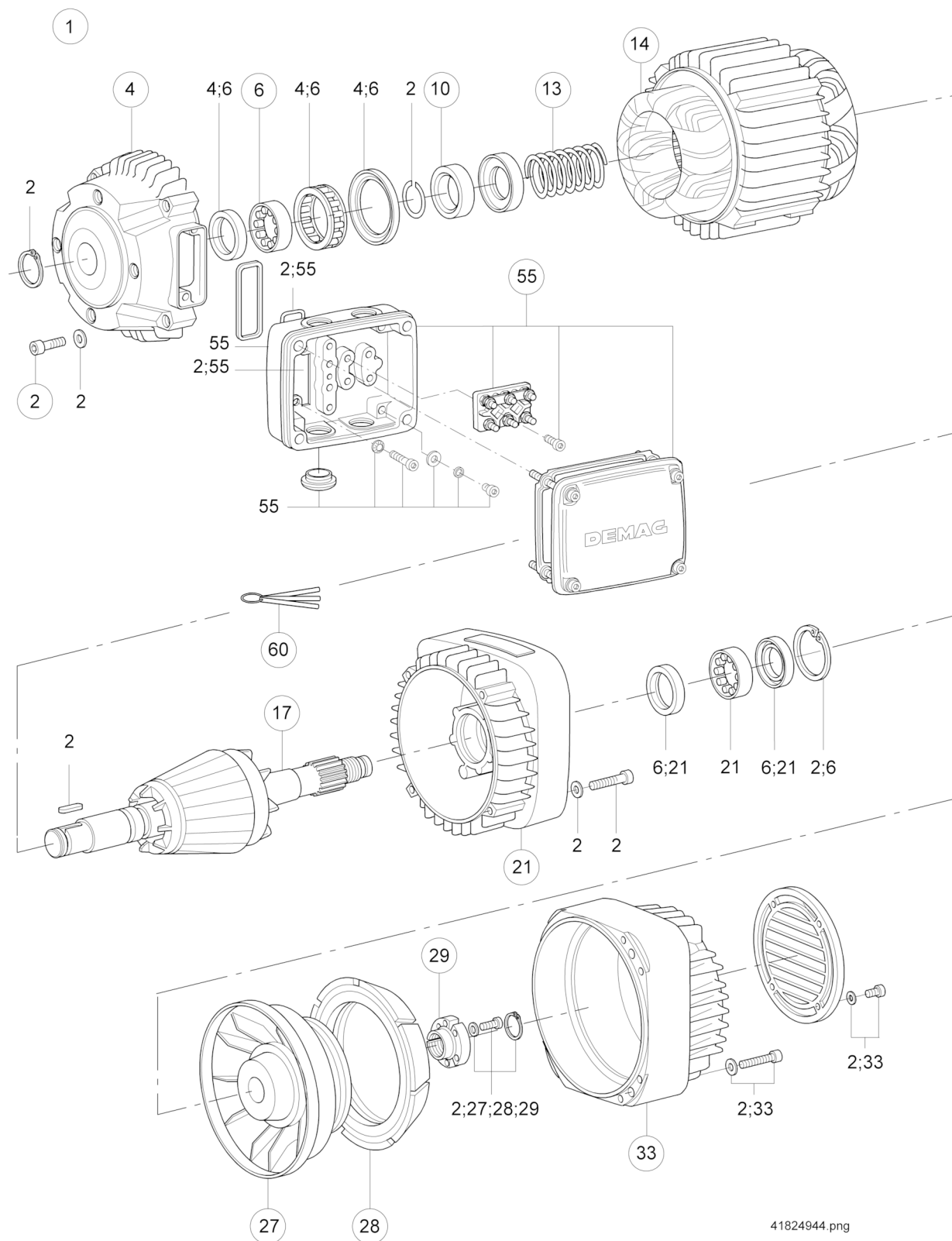
Item	Part no.	Quantity	Designation		Material	RSP
1	5517884	1	Motor KBA 80B 4 GB14		230400AB50	
2	5983533	1	Mounting parts set KB 80			
4	5960333	1	End shield set AS KB 80			
6	5909933	1	Bearing and sealing set KB 80			
10	5980833	1	Thrust ring set KB 80	1), 2)		
13	5977984	1	Pressure spring GbGn 3,4x32,4x67	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.

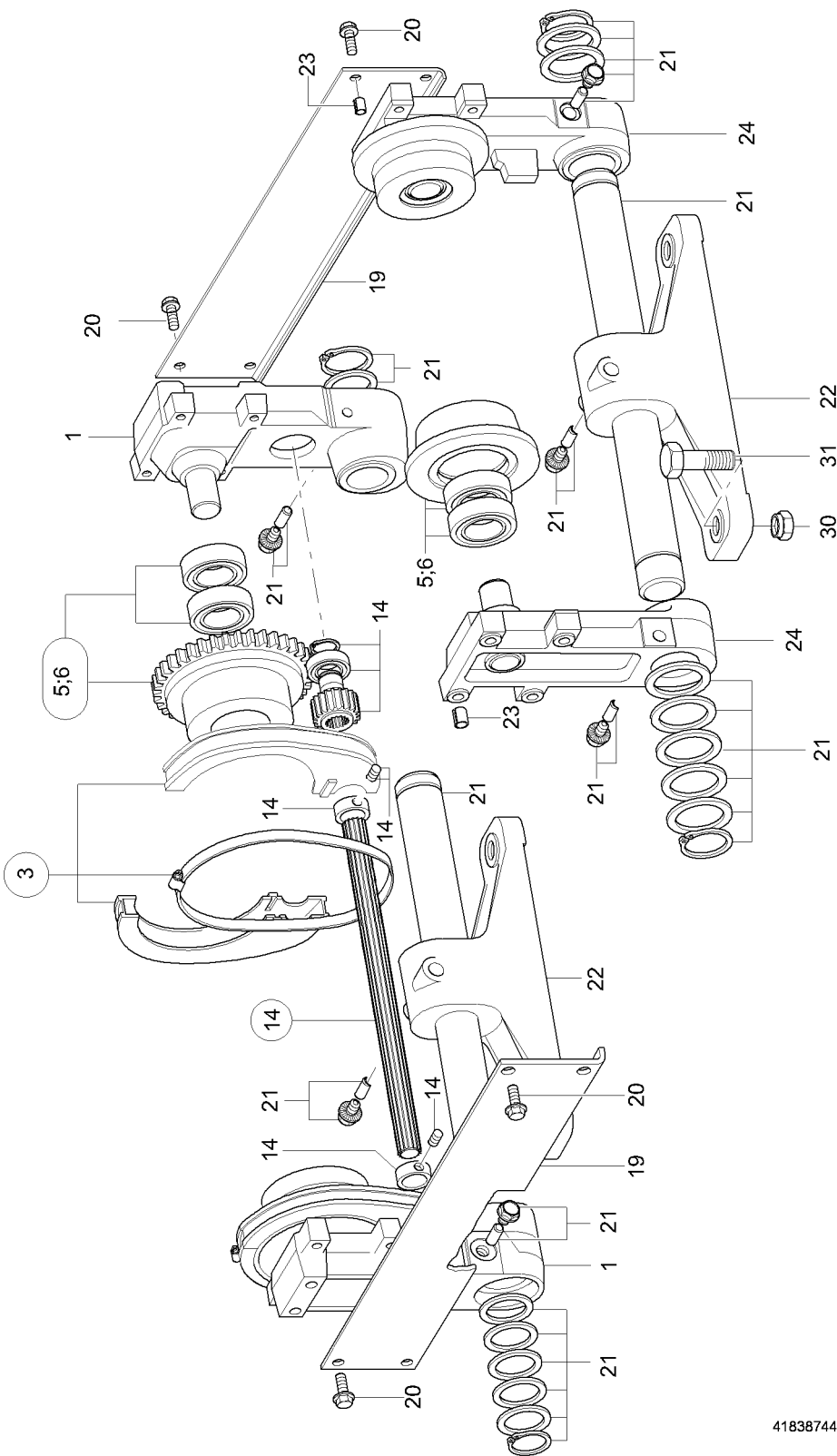
3) For service in arduous conditions, galvanized brake surface.



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.



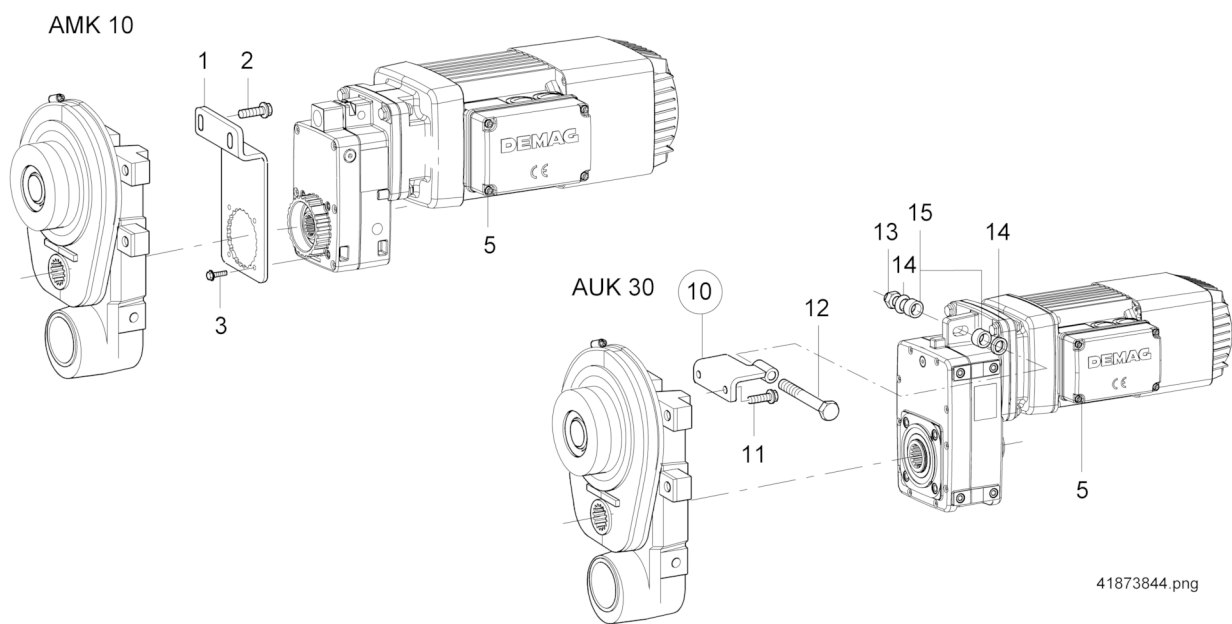
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EUDH 500, Trolley size 6, 2/1 and 4/2 reeving - H12 - H20

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	75216233	1	Travel wheel set zyl.125 MZ/OZ		GR 6 3/500	
6	75217233	1	Travel wheel set keg.125 MZ/OZ		GR 6 3/500	
14	75210833	1	Pinion shaft set N25/W25x465	Fl. W. 119 - 165 mm, AMK 10	EU+KDH 6	
14	75210933	1	Pinion shaft set N25/W25x545	Fl. W. 166 - 245 mm, AMK 10	EU+KDH 6	
14	75211033	1	Pinion shaft set N25/W25x635	Fl. W. 246 - 335 mm, AMK 10	EU+KDH 6	
14	75211233	1	Pinion shaft set N30/W30x480	Fl. W. 119 - 165 mm, AUK 30	EU+KDH6+10	
14	75211333	1	Pinion shaft set N30/W30x560	Fl. W. 166 - 245 mm, AUK 30	EU+KDH6+10	
14	75211433	1	Pinion shaft set N30/W30x650	Fl. W. 246 - 335 mm, AUK 30	EU+KDH6+10	
19	83025544	2	Side plate DH 500-H12		ST37	
19	83025644	2	Side plate DH 500-H20		ST37	
20	10011498	8	Lock screw M10X30 VB.RIPP		100 flZnL	
21	83027833	1	Supporting pin set EUDH GR 6	Fl. W. 119 - 165 mm	FLB119-165	
21	83027933	1	Supporting pin set EUDH GR 6	Fl. W. 166 - 245 mm	FLB166-245	
21	83028033	1	Supporting pin set EUDH GR 6	Fl. W. 246 - 305 mm	FLB246-305	
22	83028444	2	Crossbeam UDH 500 GR. 6 2/1			
23	34578399	8	Split sleeve 13 X 12		St	
24	83122444	2	Longit. member w. with pin NA UDH 6			
30	461098	4	Set nut M20		10flZnnc-L	
31	30967699	4	Hexagonal screw M20 X 60		8.8 A2F	

21730644024



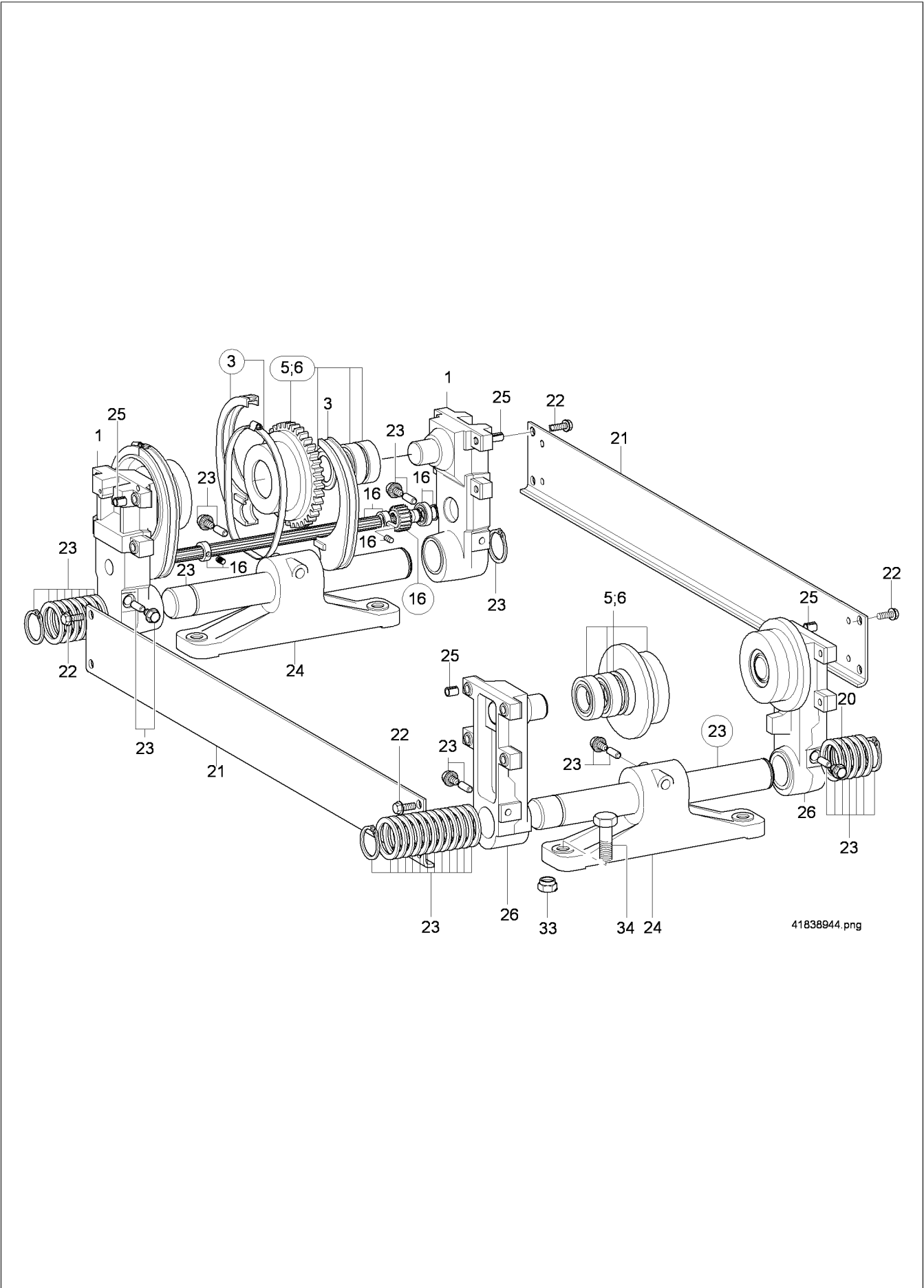
EUDH 500, Trolley size 6,
Travel drive AMK 10/AUK 30,
2/1 and 4/2 reeving - H12 - H20

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	
5	84504046	1	Travel speed 12.5 m/min, 3.1/12.5 m/min Drive unit AMK10DD M0 25 25,7	1) DH 500, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
5	84504146	1	Travel speed 20 m/min, 5/20 m/min Drive unit AMK10DD M0 25 15,7	1) DH 512, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
5	84504646	1	Drive unit AMK10DD M0 25 15,7	DH 525, 520, 516, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
5	84505146	1	Drive unit AMK10DD M0 25 15,7	DH 532, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84504746	1	Travel speed 31.5 m/min, 8/31,5 m/min Drive unit AMK10DD M0 25 10,5	1) DH 516, 512, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
5	84505246	1	Drive unit AMK10DD M0 25 10,5	DH 520, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84515246	1	Drive unit AUK30DDB14 30 10,1	DH 532, 525, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
5	84505346	1	Travel speed 40 m/min, 10/40 m/min Drive unit AMK10DD M0 25 8,3	1) DH 516, 512, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84515146	1	Drive unit AUK30DDB14 30 7,8	DH 532, 525, 520, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
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	

21730644025

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".



EUDH 500, Trolley size 10, 4/1 reeving - H12 - H20

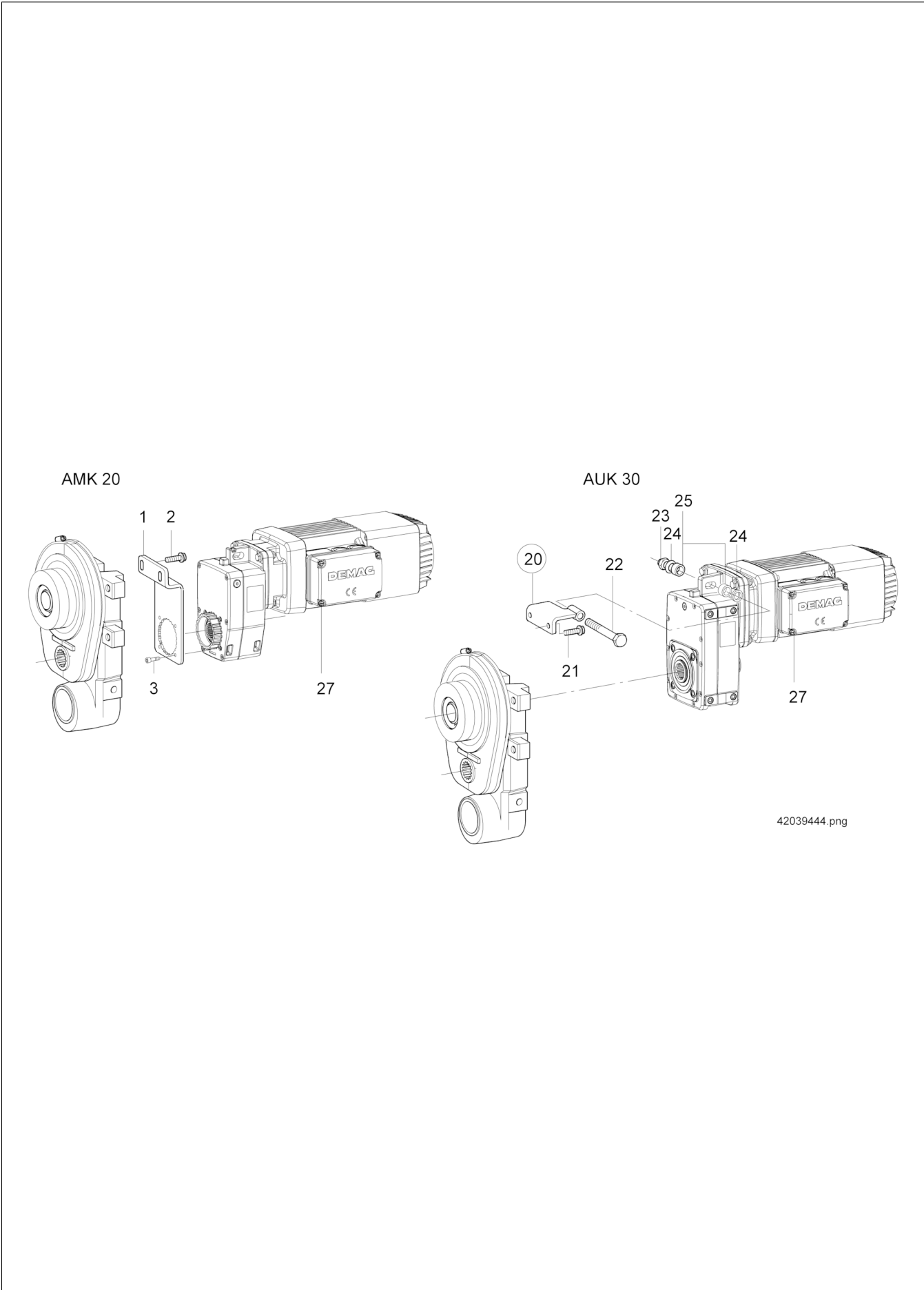
Standard-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83131444	2	Longit. member w. with pin A	UDH10		
3	83038133	2	Cover set	Fahrwerk		
5	75216333	1	Travel wheel set	zyl.160 MZ/OZ		
6	75217333	1	Travel wheel set	keg.160 MZ/OZ		
16	75211333	1	Pinion shaft set	N30/W30x560		
16	75211433	1	Pinion shaft set	N30/W30x650		
21	83035544	2	Side plate	DH 500-H12		
21	83035644	2	Side plate	DH 500-H20		
22	34276444	8	Lock screw	M12X35 VB.RIPP		
23	83037933	1	Supporting pin set	EUDH GR10		
23	83038033	1	Supporting pin set	EUDH GR10		
24	83038244	2	Crossbeam	UDH 500 GR.10 4/1		
25	34547399	8	Split sleeve	16 X 18		
26	83132444	2	Longit. member w. with pin	NA UDH10		
34	30751999	4	Hexagonal screw	M20 X 75		
33	461098	4	Set nut	M20		

21730644026

EUDH 500, Trolley size 10,
Travel drive AMK 20/AUK 30,
4/1 reeving - H12 - H20

Standard-headroom monorail hoist



EUDH 500, Trolley size 10,
Travel drive AMK 20/AUK 30,
4/1 reeving - H12 - H20

Standard-headroom monorail hoist

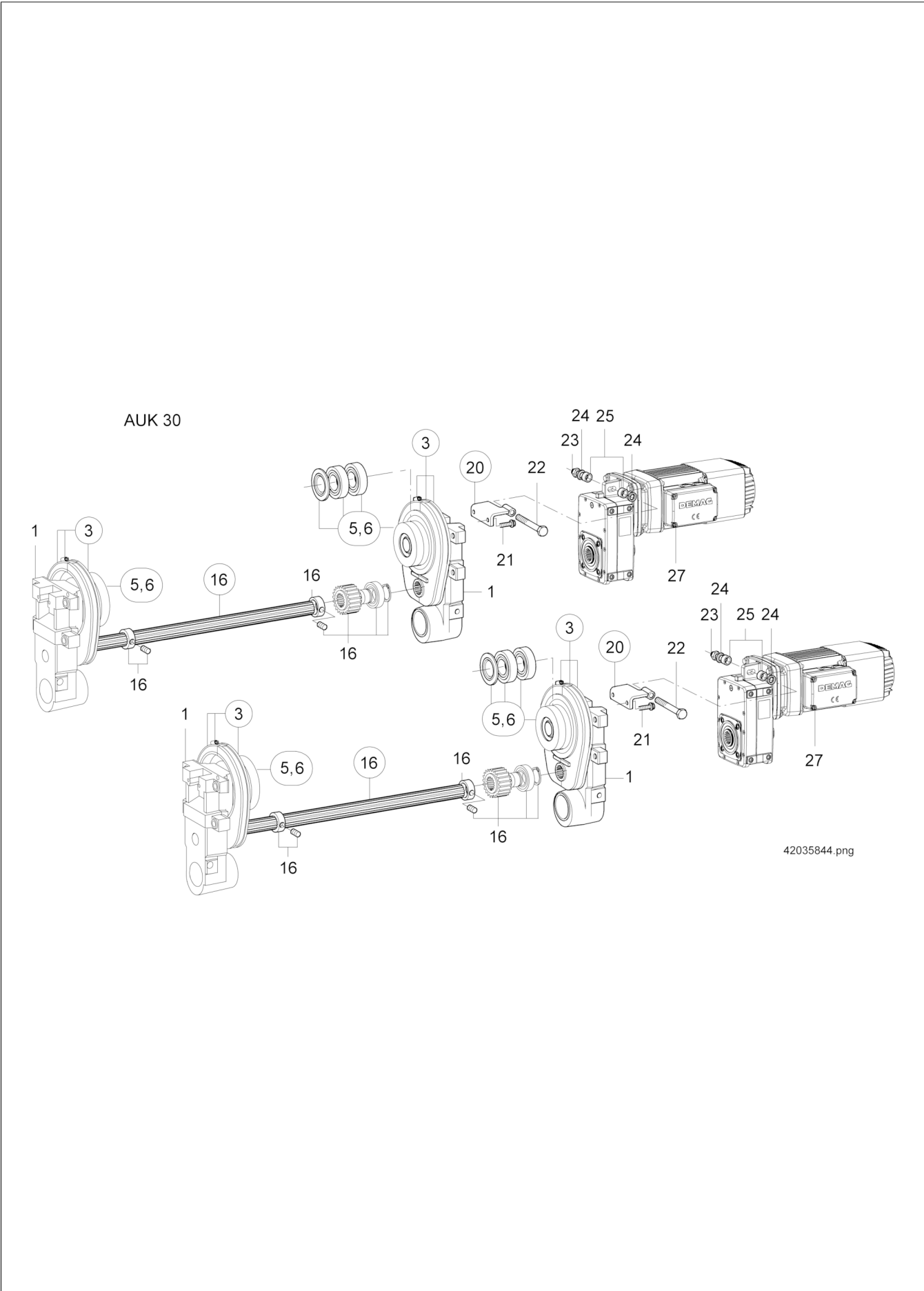
Item	Part no.	Quantity	Designation		Material	RSP
1	83120944	1	Torque arm support GR.6-10 A20	AMK 20	S235JRG2C	
2	10011198	2	Lock screw M10X20 VB.RIPP	AMK 20	100 flZnL	
3	31923999	4	Hex.socket cylind.screw M 8 X 18	AMK 20	10.9	
20	83127544	1	Torque arm support AUK30/EUDH	AUK 30, c/w items 21 - 25		
21	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 516, 512, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
27	84510546	1	Drive unit AMK20DD M0 30 25,3	DH 532, 525, 520, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
Travel speed 20 m/min, 5/20 m/min				1)		
27	84510646	1	Drive unit AMK20DD M0 30 16,4	DH 512, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
27	84511146	1	Drive unit AMK20DD M0 30 16,4	DH 525, 520, 516, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
27	84515346	1	Drive unit AUK30DDB14 30 15,7	DH 532, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
Travel speed 31.5 m/min, 8/31,5 m/min				1)		
27	84511246	1	Drive unit AMK20DD M0 30 9,9	DH 512, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
27	84515246	1	Drive unit AUK30DDB14 30 10,1	DH 525, 520, 516, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
27	84516046	1	Drive unit AUK30DDB14 30 10,1	DH 532, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	
Travel speed 40 m/min, 10/40 m/min				1)		
27	84515146	1	Drive unit AUK30DDB14 30 7,8	DH 516, 512, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
27	84515946	1	Drive unit AUK30DDB14 30 7,8	DH 525, 520, ZBF 100 A 8/2 B 050, 3)	ZBF 100A8/2	

21730644027

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

Standard-headroom monorail hoist



EUDH 532, Trolley size 10
with two travel drives AUK 30,
4/1 reeving - H12 - H20

Standard-headroom monorail hoist

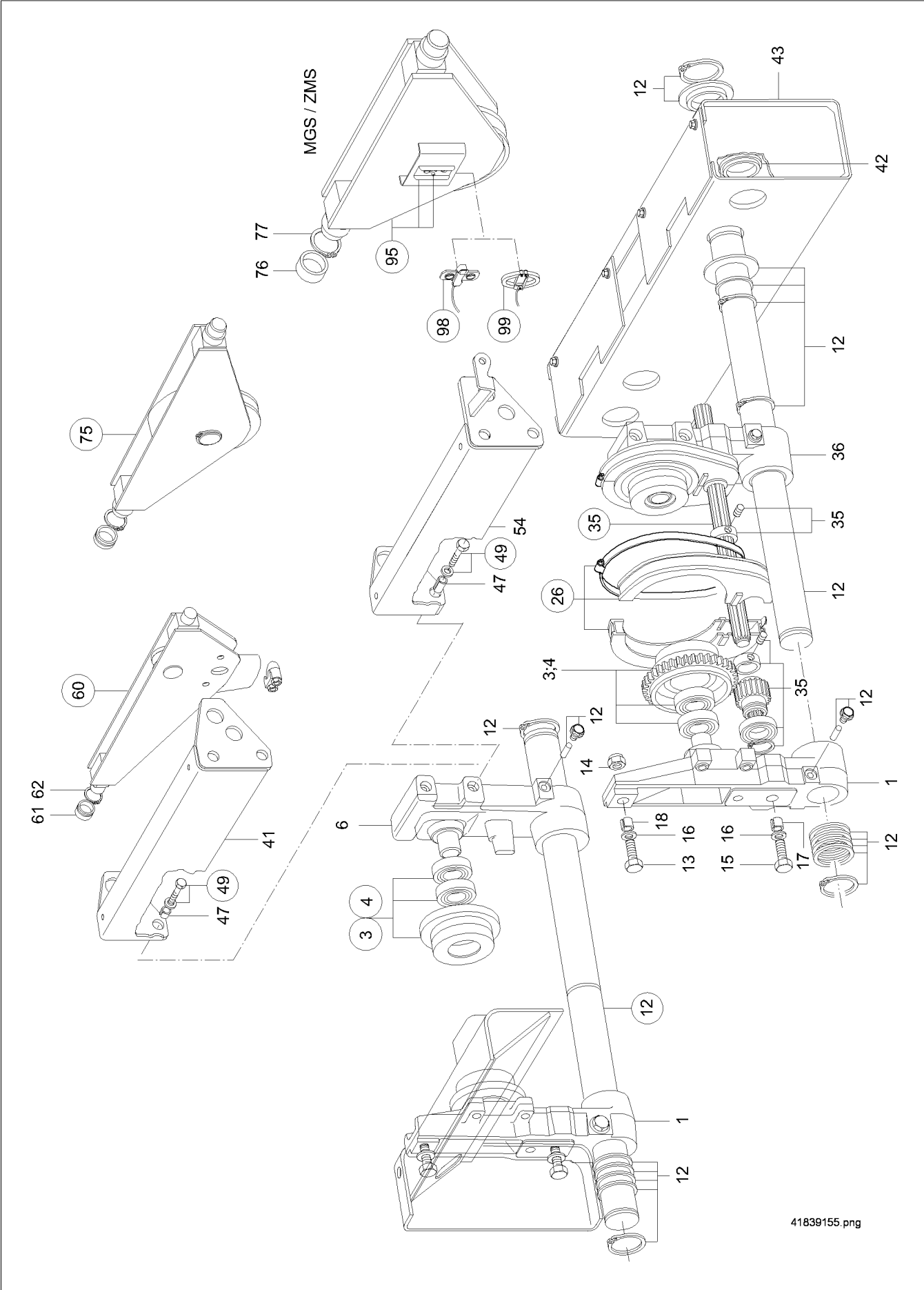
Item	Part no.	Quantity	Designation		Material	RSP
1	83131444	4	Longit. member w. with pin A	UDH10		
3	83038133	4	Cover set Fahrwerk	1)	GR.10	
1	83093444	4	Cylindrical tr.wheel 160 1SPK MZ		U+KDHGR.10	
6	83093344	4	Conical travel wheel 160 1SPK MZ		U+KDHGR.10	
16	75211333	1	Pinion shaft set N30/W30x560	Fl. W. 149 - 225 mm	EU+KDH6+10	
16	75211433	1	Pinion shaft set N30/W30x650	Fl. W. 226 - 315 mm	EU+KDH6+10	
20	83127544	2	Torque arm support AUK30/EUDH	c/w items 21 - 25		
21	10011198	2	Lock screw M10X20 VB.RIPP		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 40 m/min, 10/40 m/min	2)		
27	84515146	2	Drive unit AUK30DDB14 30 7,8	DH 532, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	

21730644028

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".



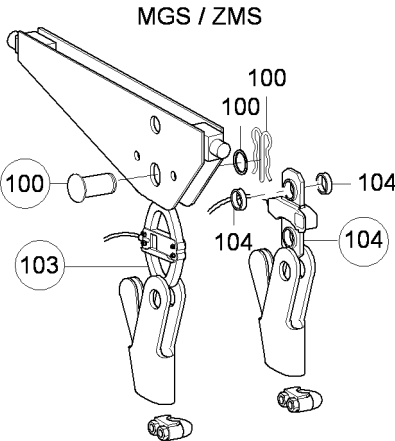
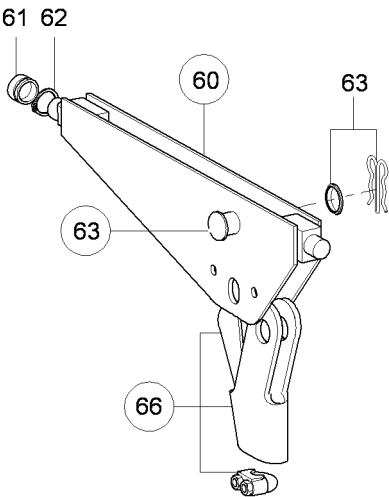
EKDH 500, Trolley size 6, 2/1 and 4/2 reeving - H12 - H20

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	
6	83170944	1	Longit. member w. with pin NA KDH 6			
12	83077233	1	Supporting pin set EKDH GR 6	Fl. W. 100 - 165 mm	FLB100-245	
12	83077233	1	Supporting pin set EKDH GR 6	Fl. W. 166 - 245 mm	FLB100-245	
12	83077333	1	Supporting pin set EKDH GR 6	Fl. W. 246 - 305 mm	FLB246-305	
12	83077433	1	Supporting pin set EKDH GR 6	Fl. W. 306 - 420 mm	FLB306-420	
13	30966699	2	Hexagonal screw M16 X 60		8.8 A2F	
14	33461444	2	Lock nut V M16		8 A2F	
15	30749099	2	Hexagonal screw M16 X 45		8.8 A2F	
16	31621199	2	Washer 17 X 30 X 4		C 45 HV	
17	34548199	2	Split sleeve 21 X 16		St	
18	34550399	2	Split sleeve 21 X 24		St	
26	59549433	2	Cover set Fahrwerk	1)	GR. 6	
35	75210833	1	Pinion shaft set N25/W25x465	Fl. W. 100 - 165 mm, AMK 10	EU+KDH 6	
35	75210933	1	Pinion shaft set N25/W25x545	Fl. W. 166 - 245 mm, AMK 10	EU+KDH 6	
35	75211033	1	Pinion shaft set N25/W25x635	Fl. W. 246 - 335 mm, AMK 10	EU+KDH 6	
35	75211133	1	Pinion shaft set N25/W25x750	Fl. W. 336 - 420 mm, AMK 10	EU+KDH 6	
35	75211233	1	Pinion shaft set N30/W30x480	Fl. W. 100 - 165 mm, AUK 30	EU+KDH6+10	
35	75211333	1	Pinion shaft set N30/W30x560	Fl. W. 166 - 245 mm, AUK 30	EU+KDH6+10	
35	75211433	1	Pinion shaft set N30/W30x650	Fl. W. 246 - 335 mm, AUK 30	EU+KDH6+10	
35	75211533	1	Pinion shaft set N30/W30x765	Fl. W. 336 - 420 mm, AUK 30	EU+KDH6+10	
36	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	4	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)		

21730644029

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".



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EKDH 500, Trolley size 6,
Rope retaining crosshead,
2/1 reeving - H12 - H20

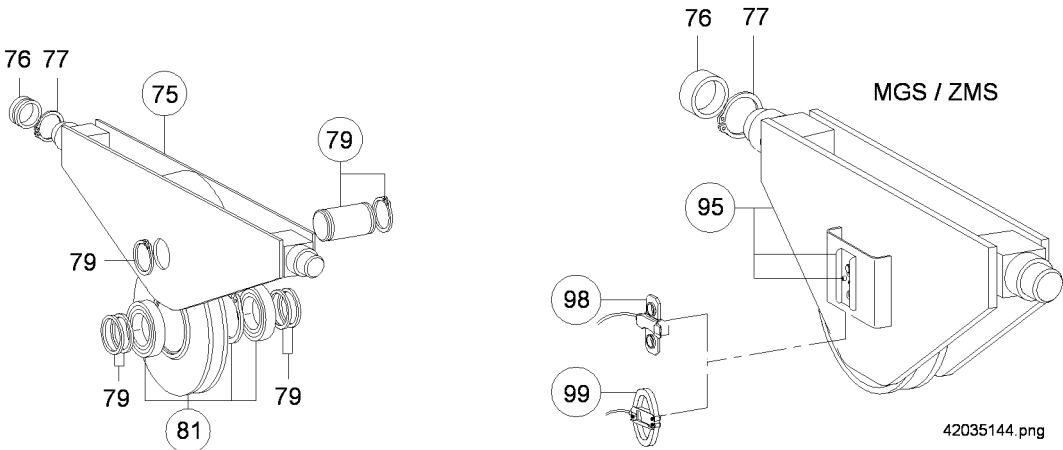
Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
60	82889644	1	Rope wedge crosshead 5/ 600H12 2/1	c/w items 61 - 63, 66	KDH	
60	82889744	1	Rope wedge crosshead 5/ 600H20	c/w items 61 - 63, 66	KDH 2/1	
61	82872844	1	Bush 30 x 40 x 20		ST35	
62	34246999	1	Retaining ring 40X2,5		FedSt IL	
63	82358033	1	Bolt connection set + spring clip	1)	25x65	
66	82821833	1	Rope anchorage set DH425 2/1	DH 500	DH500	
100	82358033	1	Bolt connection set + spring clip	1)	25x65	
103	49160644	1	Unit MGS 3,15 T	DH 532	DH 532	
103	49159233	1	Unit MGS 2,5 T Set	DH 525	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 520	DH5/600,P	
103	49179233	1	Unit MGS 1,6 T Set	DH 516	DH5/600,P	
103	49189244	1	Unit MGS 1,25 T	DH 512	DH512,P412	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 500	DH500/600	

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EKDH 500, Trolley size 6,
Compensating sheave 160/11,
4/2 reeving - H12 - H20

Low-headroom monorail hoist

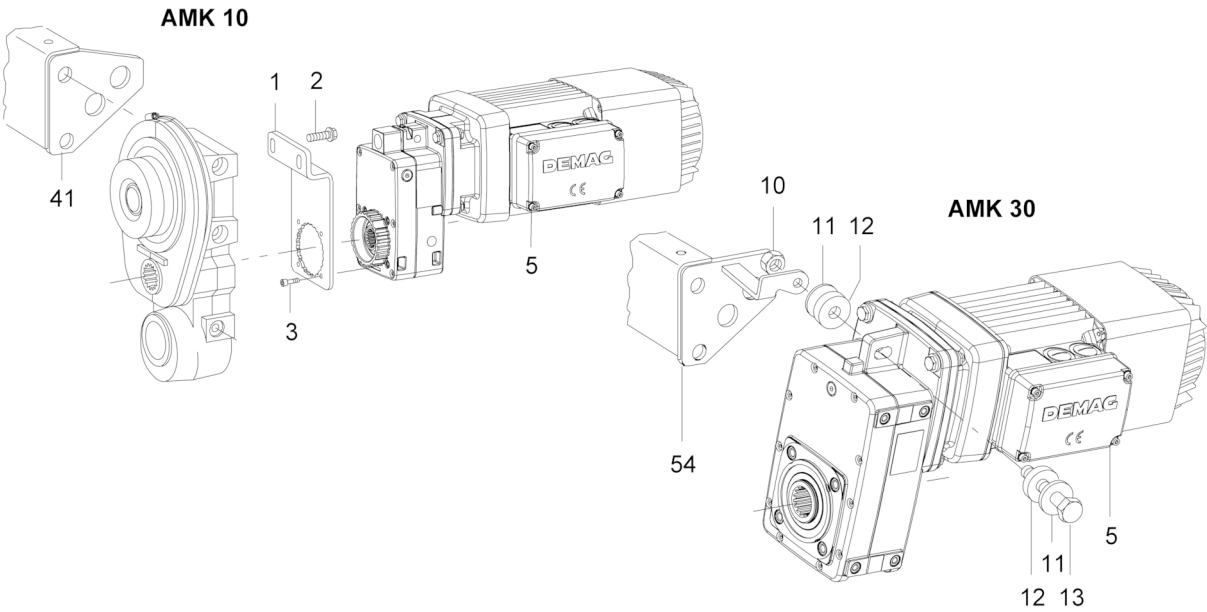


EKDH 500, Trolley size 6,
Compensating sheave 160/11,
4/2 reeving - H12 - H20

Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
75	82887044	1	Compensating sheave 160/11 H12	c/w items 76 - 81	KDH 500	
75	82887244	1	Compensating sheave 160/11 H20	c/w items 76 - 81	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	
81	82829044	1	Rope sheave 160-11Ausg.R		500	
95	90491846	1	Compensating sheave KDH500600H12	ZMS, c/w item 98	ZMS 4/2	
95	90491946	1	Compensating sheave KDH 512 H12	MGS, c/w item 99	MGS 4/2	
95	90492046	1	Compensating sheave KDH516616H12	MGS, c/w item 99	MGS 4/2	
95	90492146	1	Compensating sheave KDH520620H12	MGS, c/w item 99	MGS 4/2	
95	90492346	1	Compensating sheave KDH525625H12	MGS, c/w item 99	MGS 4/2	
95	90492446	1	Compensating sheave KDH532632H12	MGS, c/w item 99	MGS 4/2	
95	90492546	1	Compensating sheave KDH500600H20	ZMS, c/w item 98	ZMS 4/2	
95	90492646	1	Compensating sheave KDH 512 H20	MGS, c/w item 99	MGS 4/2	
95	90492746	1	Compensating sheave KDH516616H20	MGS, c/w item 99	MGS 4/2	
95	90492846	1	Compensating sheave KDH520620H20	MGS, c/w item 99	MGS 4/2	
95	90492946	1	Compensating sheave KDH525625H20	MGS, c/w item 99	MGS 4/2	
95	90493046	1	Compensating sheave KDH532632H20	MGS, c/w item 99	MGS 4/2	
98	49139133	1	Strain gauge car.link set ZMS 1,25t	DH 500	DH,PLV,P	
99	49189144	1	Unit MGS 0,5 T	DH 512	DH165,P,PL	
99	49179144	1	Unit MGS 0,624T	DH 516	DH166,P,PL	
99	49169133	1	Unit MGS 0,8 T Set	DH 520	DH168,P,PL	
99	49179633	1	Unit MGS 1,0 T Set	DH 525	DH210,310	
99	49169633	1	Unit MGS 1,25 T Set	DH 532	DH212,312	

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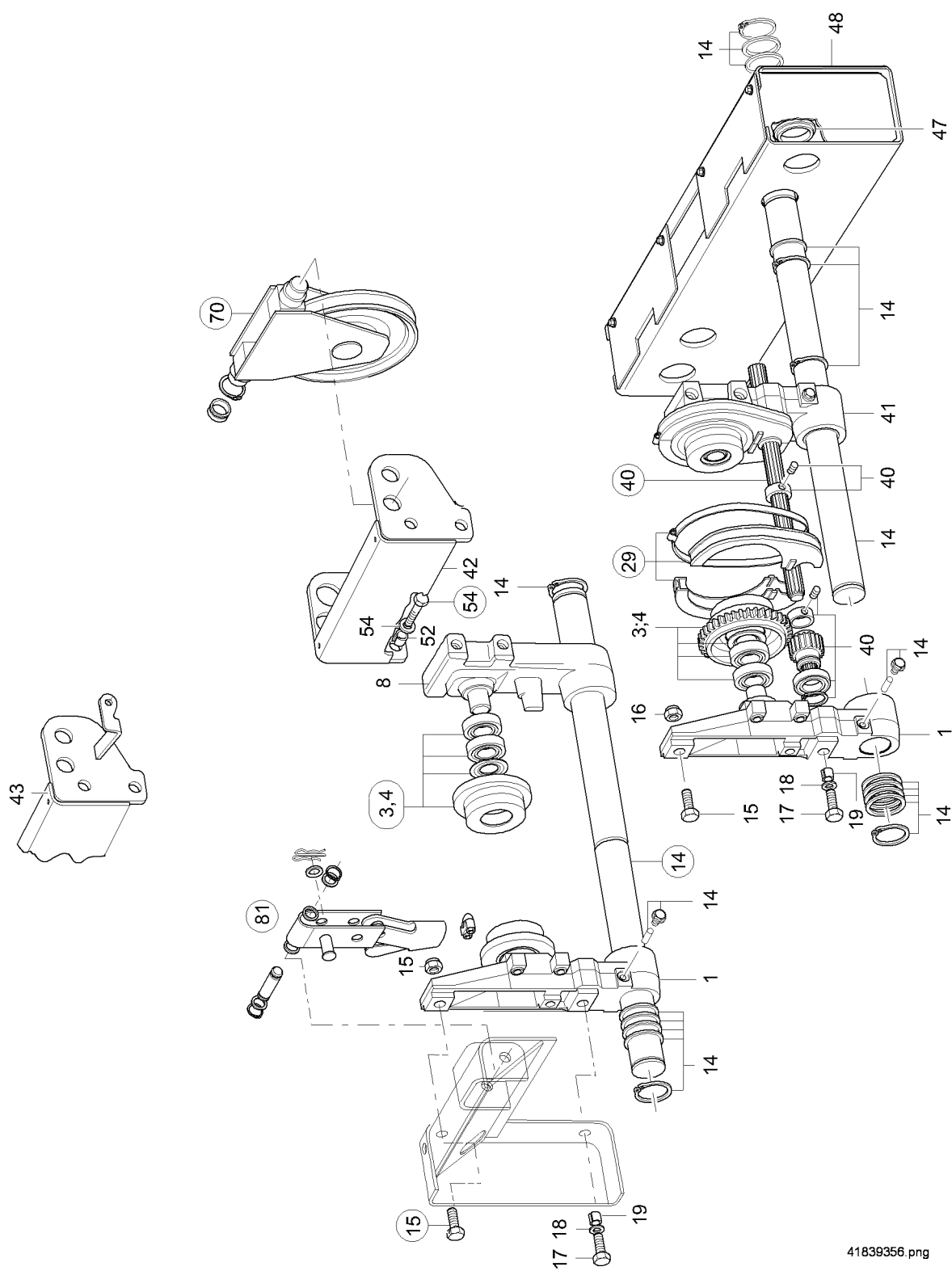
EKDH 500, Trolley size 6,
Travel drive AMK 10/AUK 30,
2/1 and 4/2 reeving - H12 - H20

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	84504046	1	Travel speed 12.5 m/min, 3.1/12.5 m/min Drive unit AMK10DD M0 25 25,7	1) DH 500, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
5	84504146	1	Travel speed 20 m/min, 5/20 m/min Drive unit AMK10DD M0 25 15,7	1) DH 512, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
5	84504646	1	Drive unit AMK10DD M0 25 15,7	DH 525, 520, 516, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
5	84505146	1	Drive unit AMK10DD M0 25 15,7	DH 532, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84504746	1	Travel speed 31.5 m/min, 8/31,5 m/min Drive unit AMK10DD M0 25 10,5	1) DH 512, ZBF 63 A 8/2 B 003, 2)	ZBF 71A8/2	
5	84505246	1	Drive unit AMK10DD M0 25 10,5	DH 520, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84515246	1	Drive unit AUK30DDB14 30 10,1	DH 532, 525, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
5	84505346	1	Travel speed 40 m/min, 10/40 m/min Drive unit AMK10DD M0 25 8,3	1) DH 516, 512, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
5	84515146	1	Drive unit AUK30DDB14 30 7,8	DH 532, 525, 520, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
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	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	
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	

21730644032

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".



EKDH 500, Trolley size 10, 4/1 reeving - H12 - H20

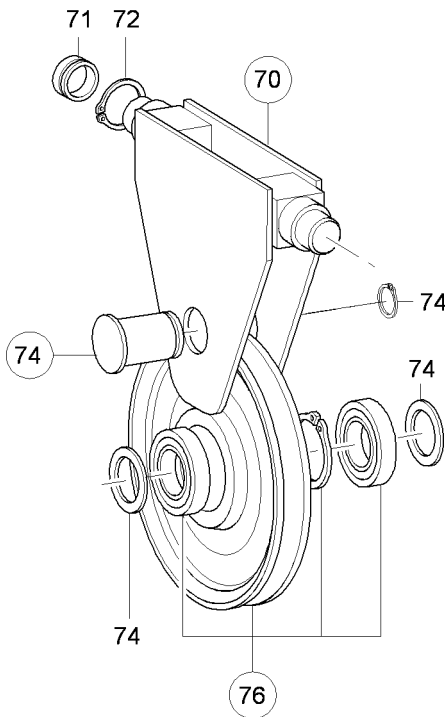
Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
1	83182944	2	Longit. member w. with pin AH-NAH KDH10			
3	83094444	2	Cylindrical tr.wheel 160 1SPK OZ		U+KDHGR.10	
4	83094344	2	Conical travel wheel 160 1SPK OZ		U+KDHGR.10	
8	83180944	1	Longit. member w. with pin NA KDH10			
10	34256299	8	Retaining ring 75X2,5		FedSt	
11	83084844	56	Washer 75,5X 95 X 4	Fl. W. 110 - 135 mm	ST2K32	
11	83084844	56	Washer 75,5X 95 X 4	Fl. W. 136 - 215 mm	ST2K32	
11	83084844	48	Washer 75,5X 95 X 4	Fl. W. 216 - 305 mm	ST2K32	
11	83084844	60	Washer 75,5X 95 X 4	Fl. W. 306 - 420 mm	ST2K32	
12	83024944	4	Tapered locking pin 14		n.Zeichng.	
13	34232144	4	Lock screw M16X25 VB.RIPP		100, Spitze n.Zeichn	
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	83085744	2	Pin 75h11x1335 Nut	Fl. W. 306 - 420 mm	42CRMO4VSH	
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	
24	83093444	2	Cylindrical tr.wheel 160 1SPK MZ		U+KDHGR.10	
25	83093344	2	Conical travel wheel 160 1SPK MZ		U+KDHGR.10	
29	83038133	2	Cover set Fahrwerk	1)	GR.10	
31	34253599	1	Retaining ring 35X1,5		FedSt	
32	36816799	1	Grooved ball bearing 6007 2RS		Wlz-St !L	
36	83123044	2	Pinion with bearing bush 62/N30	c/w items 31, 32, AMK 20, AUK 30	U+KDH 3-10	
38	83122944	2	Setting ring B 30/ 50X18	AMK 20, AUK 30	9SMNPB28 K	
39	32538599	2	Threaded pin M10 X 12		45H MK	
40	83116144	1	Drive shaft W30X 480	Fl. W. 110 - 135 mm, AMK20, AUK30	C45SH	
40	83116244	1	Drive shaft W30X 560	Fl. W. 136 - 215 mm, AMK 20, AUK 30	C45SH	
40	83116344	1	Drive shaft W30X 650	Fl. W. 216 - 305 mm, AMK 20, AUK 30	C45SH	
40	83116444	1	Drive shaft W30X 765	Fl. W. 306 - 420 mm, AMK 20, AUK 30	C45SH	
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	
45	34149299	4	Supporting plate 75X 95X3,5		Fedst	
47	83076444	4	Cover GGK 76		ST34	
48	83176044	1	Counterweight box KDH 500H20		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	2)		
81			Rope wedge crosshead	3)		

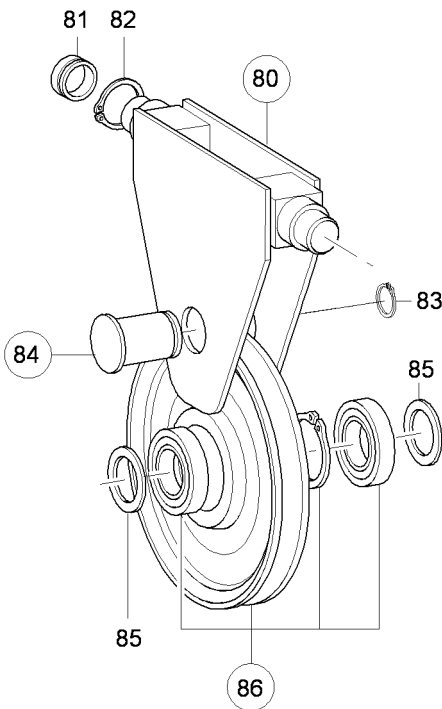
21730644033

1) Lubrication 210 g, part no. 472 915 44 (400 g).
2) Spare parts see chapter "Return sheave".
3) Spare parts see chapter "Rope wedge crosshead".

280/14



365/14



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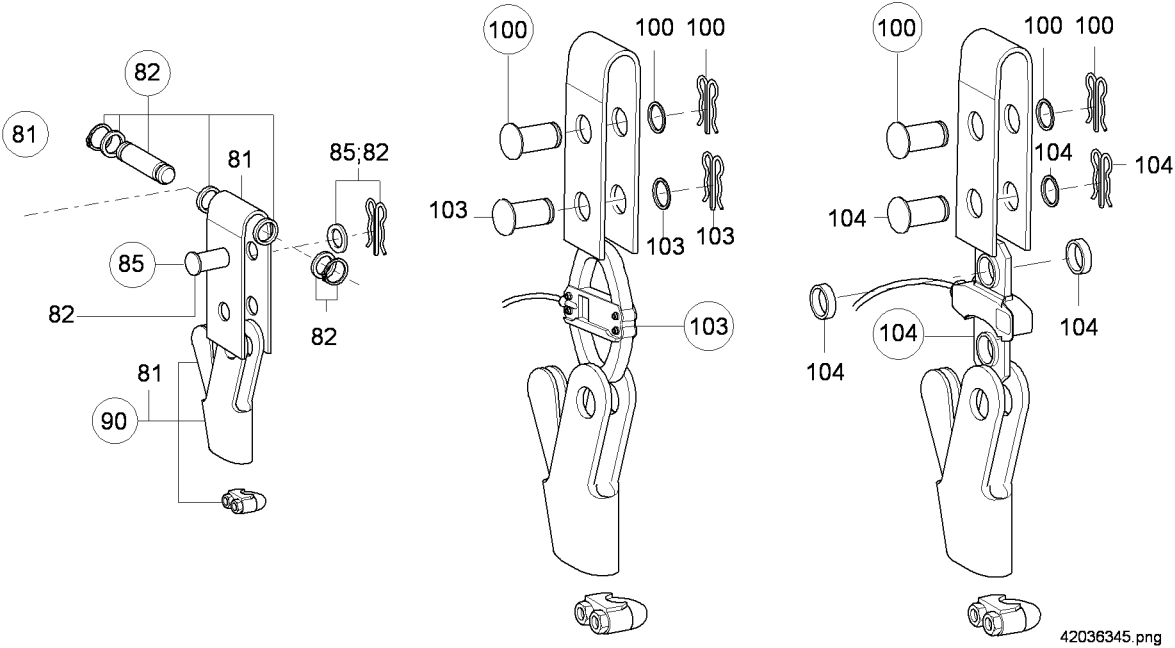
EKDH 500, Trolley size 10,
Return sheave 280/14 - 365/14,
4/1 reeving, H12 - H20

Low-headroom monorail hoist

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	

21730644034

1) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.
2) Valid from 01.01.2001



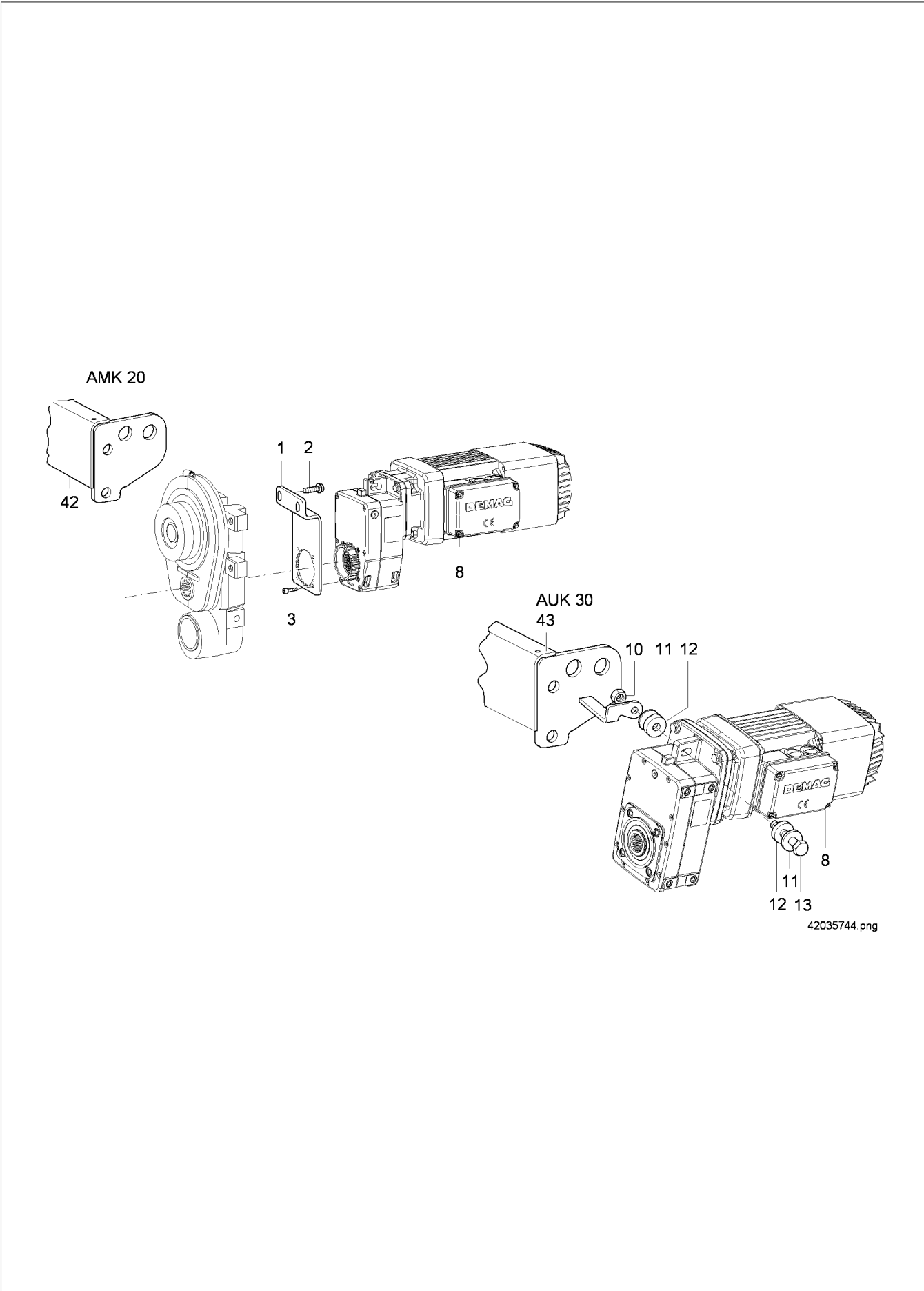
EKDH 500, Trolley size 10,
Rope retaining crosshead,
4/1 reeving, H12 - H20

Low-headroom monorail hoist

Item	Part no.	Quantity	Designation		Material	RSP
81	82840033	1	Rope wedge crosshead DH 500	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	1), 3)	25x65	
90	82821833	1	Rope anchorage set DH425 2/1		DH500	
100	82358033	1	Bolt connection set + spring clip	1), 3)	25x65	
103	49160644	1	Unit MGS 3,15 T	DH 532, c/w item 100	DH 532	
103	49159233	1	Unit MGS 2,5 T Set	DH 525, c/w item 100	DH400/600	
103	49169233	1	Unit MGS 2,0 T Set	DH 520, c/w item 100	DH5/600,P	
103	49179233	1	Unit MGS 1,6 T Set	DH 516, c/w item 100	DH5/600,P	
103	49189244	1	Unit MGS 1,25 T	DH 512, c/w item 100	DH512,P412	
104	49160133	1	Strain gauge car.link set ZMS 3,15t	DH 500, c/w items 100)	DH500/600	

21730644036

- 1) The bearings must be lubricated with a suitable adhesive grease. Part no. 472 933 44.
- 2) 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.
- 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 500, Trolley size 10,
Travel drive AMK 20/AUK 30,
4/1 reeving, H12 - H20

Low-headroom monorail hoist

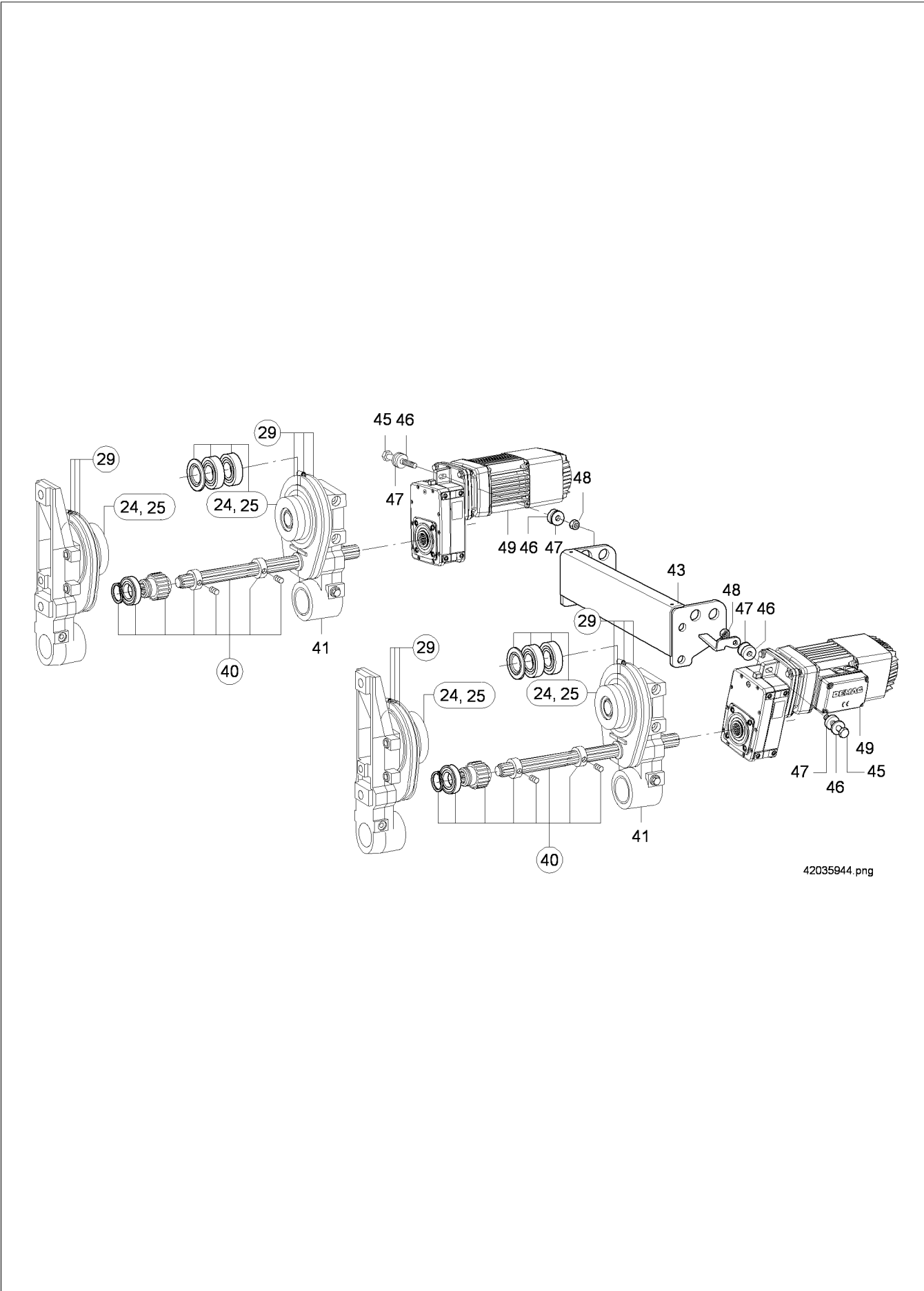
Item	Part no.	Quantity	Designation		Material	RSP
1	83120944	1	Torque arm support GR.6-10 A20	AMK 20	S235JRG2C	
2	10011198	2	Lock screw M10X20 VB.RIPP	AMK 20	100 flZnL	
3	31923999	4	Hex.socket cylind.screw M 8 X 18	AMK 20	10.9	
Travel speed 12.5 m/min, 3.1/12.5 m/min				1)		
8	84510046	1	Drive unit AMK20DD M0 30 25,3	DH 516, 512, ZBF 63 A 8/2 B 003, 2)	ZBF 63A8/2	
8	84510546	1	Drive unit AMK20DD M0 30 25,3	DH 525, 520, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
Travel speed 20 m/min, 5/20 m/min				1)		
8	84510646	1	Drive unit AMK20DD M0 30 16,4	DH 512, ZBF 71 A 8/2 B 003, 2)	ZBF 71A8/2	
8	84511146	1	Drive unit AMK20DD M0 30 16,4	DH 525, 520, 516, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
8	84515346	1	Drive unit AUK30DDDB14 30 15,7	DH 532, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
Travel speed 31.5 m/min, 8/31,5 m/min				1)		
8	84511246	1	Drive unit AMK20DD M0 30 9,9	DH 512, ZBF 80 A 8/2 B 020, 2)	ZBF 80A8/2	
8	84515246	1	Drive unit AUK30DDDB14 30 10,1	DH 525, 520, 516, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
8	84516046	1	Drive unit AUK30DDDB14 30 10,1	DH 532, ZBF 100 A 8/2 B 050, 3)	ZBF100A8/2	
Travel speed 40 m/min, 10/40 m/min				1)		
8	84515146	1	Drive unit AUK30DDDB14 30 7,8	DH 516, 512, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	
8	84515946	1	Drive unit AUK30DDDB14 30 7,8	DH 525, 520, ZBF 100 A 8/2 B 050, 3)	ZBF100A8/2	
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	83187144	1	Connecting plate KDH 5- 600-H20	AUK 30	Gr.10AUK30	
43	83187044	1	Connecting plate KDH 5- 600-H12	AUK 30	Gr.10AUK30	

21730644037

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 532, Trolley size 10,
with two travel drives AUK 30,
4/1 reeving - H 12 - H 20

Low-headroom monorail hoist



EKDH 532, Trolley size 10,
with two travel drives AUK 30,
4/1 reeving - H 12 - H 20

Low-headroom monorail hoist

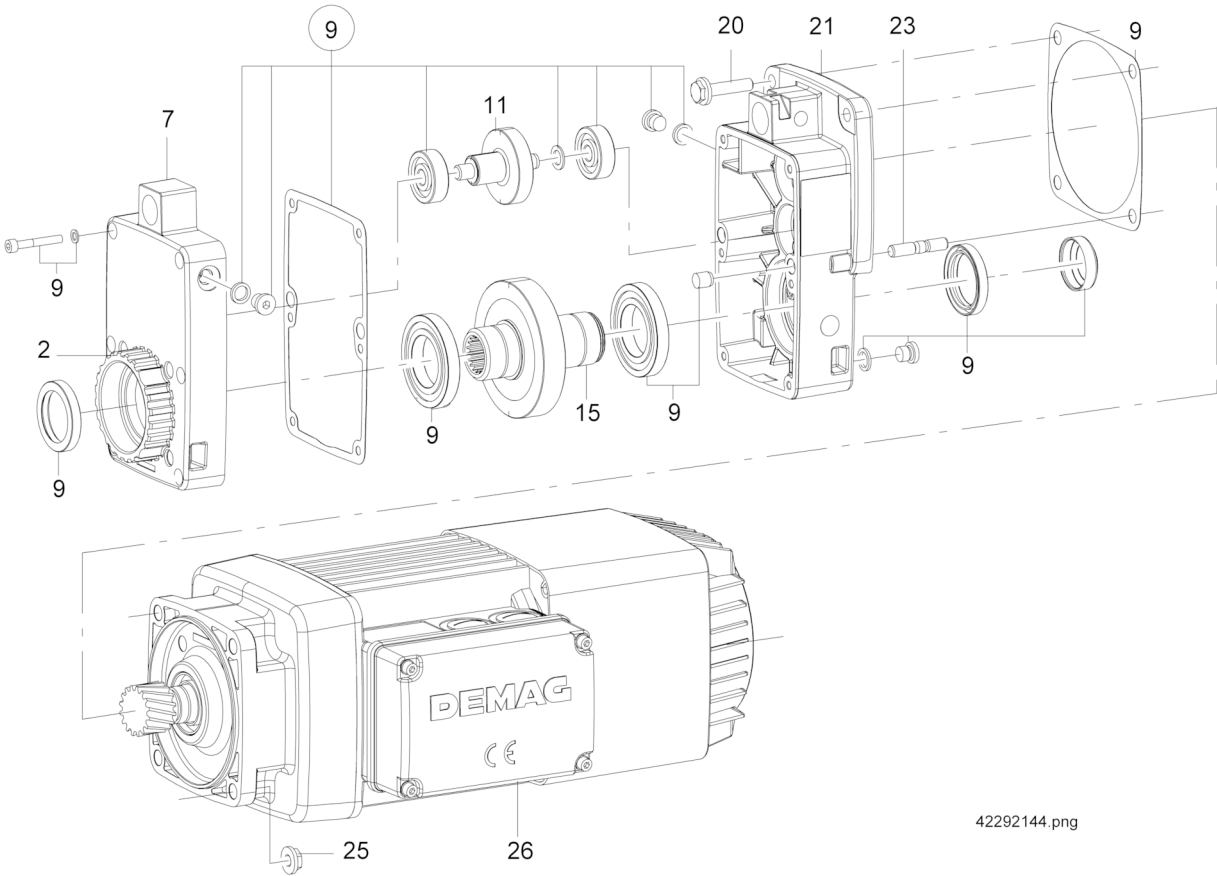
Item	Part no.	Quantity	Designation		Material	RSP
1	83182944	2	Longit. member w. with pin AH-NAH KDH10			
24	83093444	4	Cylindrical tr.wheel 160 1SPK MZ		U+KDHGR.10	
25	83093344	4	Conical travel wheel 160 1SPK MZ		U+KDHGR.10	
29	83038133	4	Cover set Fahrwerk	1)	GR.10	
40	75211233	2	Pinion shaft set N30/W30x480	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	75211433	2	Pinion shaft set N30/W30x650	Fl. W. 216 - 305 mm	EU+KDH6+10	
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	15054799	2	Hexagonal screw M12 X 75	AUK 30	8.8 A2F	
46	81120444	4	Spring element 13 X35X12	AUK 30	PA6 GV30	
47	16062399	4	Washer 13 X 35 X 5	AUK 30	C 35 H	
48	33461244	2	Lock nut V M12	AUK 30	8 A2F	
Travel speed 40 m/min, 10/40 m/min				2)		
49	84515146	2	Drive unit AUK30DDB14 30 7,8	DH 532, ZBF 90 B 8/2 B 020, 3)	ZBF 90B8/2	

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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".



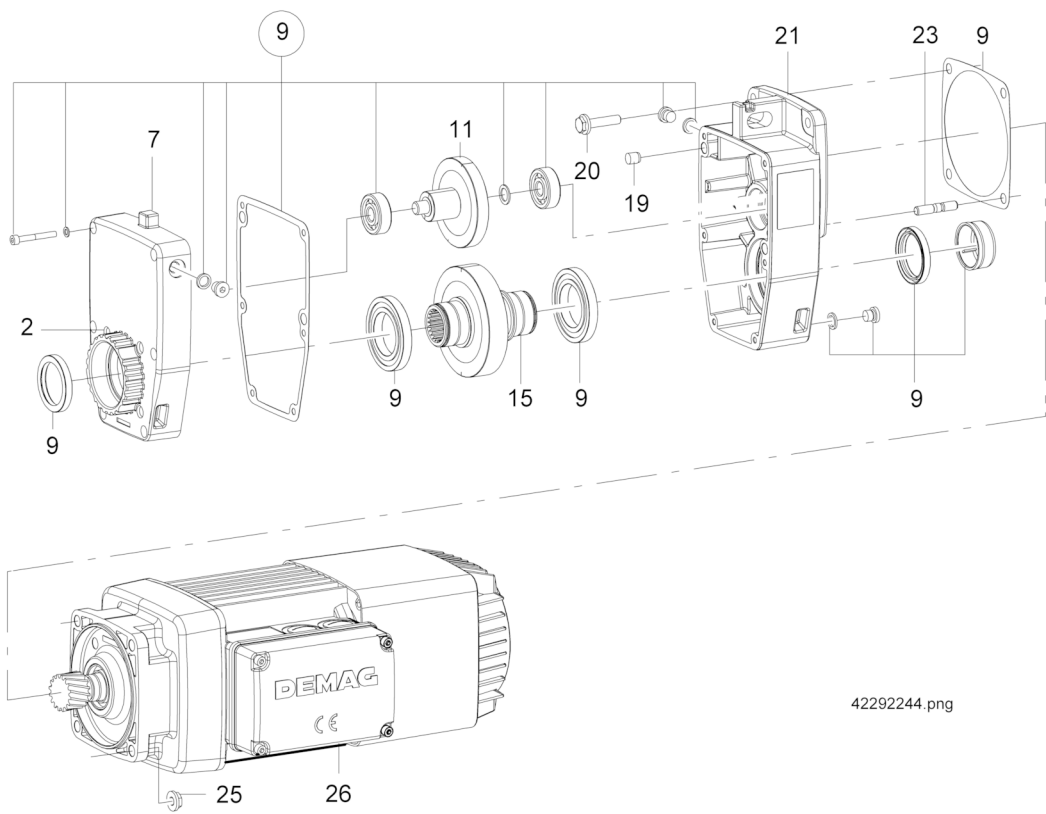
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Travel drive AMK 10 DD

EU-, EKDH 500,
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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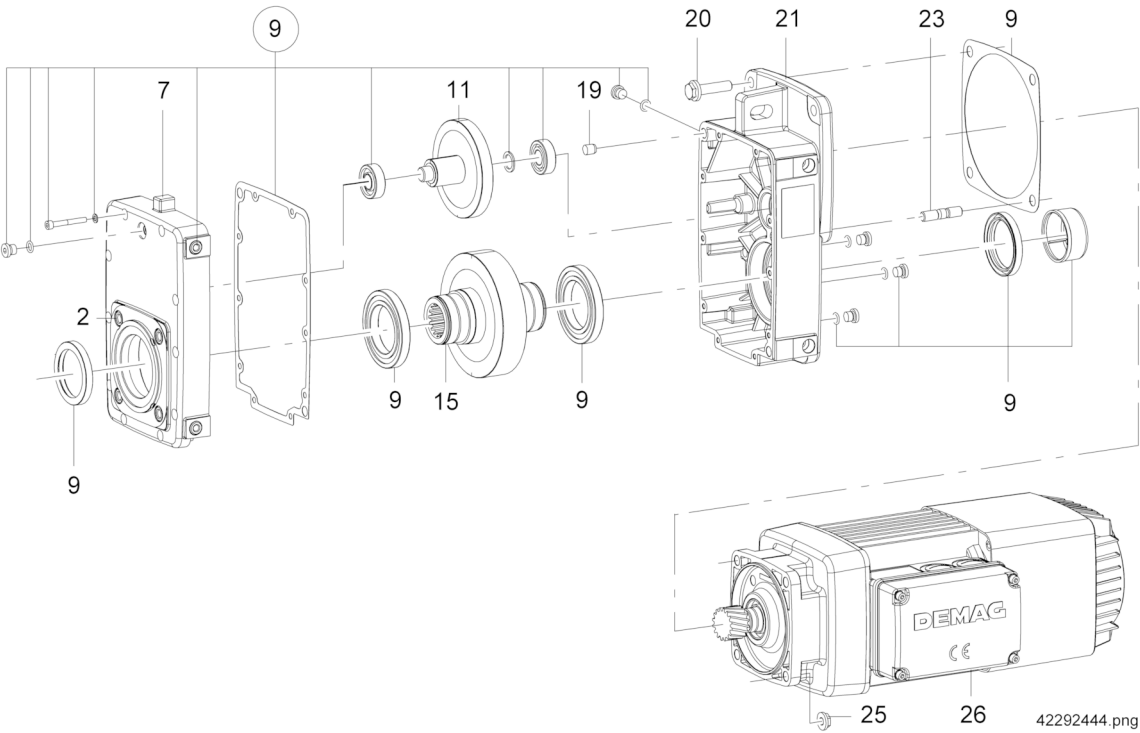
Travel drive AMK 20 DD

EU-, EKDH 500,
4/1 reeving,
Trolley size 10

Item	Part no.	Quantity	Designation		Material	RSP
2	34301544	4	Threaded insert M 8X12M12 C		ST-GEH.	
7	78711444	1	Cover gearbox AM20			
9	78711533	1	Bearing and sealing set A20			
11	84139746	1	Cluster gear Z16M1.50Z 48M1.25	i = 9.95	A 20 D/T	
11	84139546	1	Cluster gear Z16M1.50Z 54M1.25	i = 16.4	A 20 D/T	
11	84139346	1	Cluster gear Z16M1.50Z 77M0.93	i = 25.3	A 20 D/T	
15	84142046	1	Output shaft with gear wheel Z63	i = 9,95; 16,4; 25,3	AUK20 D/T	
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			Motor ZBF 63/71	1)		
26			ZBF 80/90A motor	2)		

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1) Spare parts see spare parts list 222 856 44_en.
2) Spare parts see spare parts list 222 864 44_en.



Travel drive AUK 30 DD

EU-, EKDH 500,
2/1 and 4/2 reeving, Trolley size 6,
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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