

43. Mixers and flowmakers

AMD

AMD.07.x.x - AMD.18.x.x - AMD.28.x.x

AMD.07.x.x

Mounting belt

Pos.	Description	96692919
5	Mounting belt	2
6	Mounting device	1
7	Lock nut	2
8	Spring lock washer	2
9	Lock nut	2
11	Screw	2
12	Screw	2
28	Rubber band	1
10	Spring lock washer	2

Propeller

Pos.	Description	96113478
1	Hub screw	1
2	Spring washer	1
3	Lock washer	1
4	Propeller	1

Shaft seal

Pos.	Description	96113477
13	Screws	2
14	O-ring	2
15	Seal cover	1
16	O-ring	2
105	Shaft seal	1
-	Oil 0.06 l	1

AMD.18.x.x - AMD.28.x.x

Bearing, motor

Pos.	Description	95065458
34	Ball bearing 6206 2RS	1
47	Ball bearing 6207 2RS	1

Cable entry, 1.5 mm²

Pos.	Description	95065457
15	O-ring 113.97 x 2.62	1
22	Cable entry (rubber) small	1
23	O-ring 37.82 x 1.78	1
24	Thrust washer	1
25	Cable entry (rubber) large	1
26	Cable guide	1
59	Press connection (cable)	6
60	Press connection (signal)	4
	Shrink tube for connections	10
61	Cable relief	1
63	Cable shoe	1

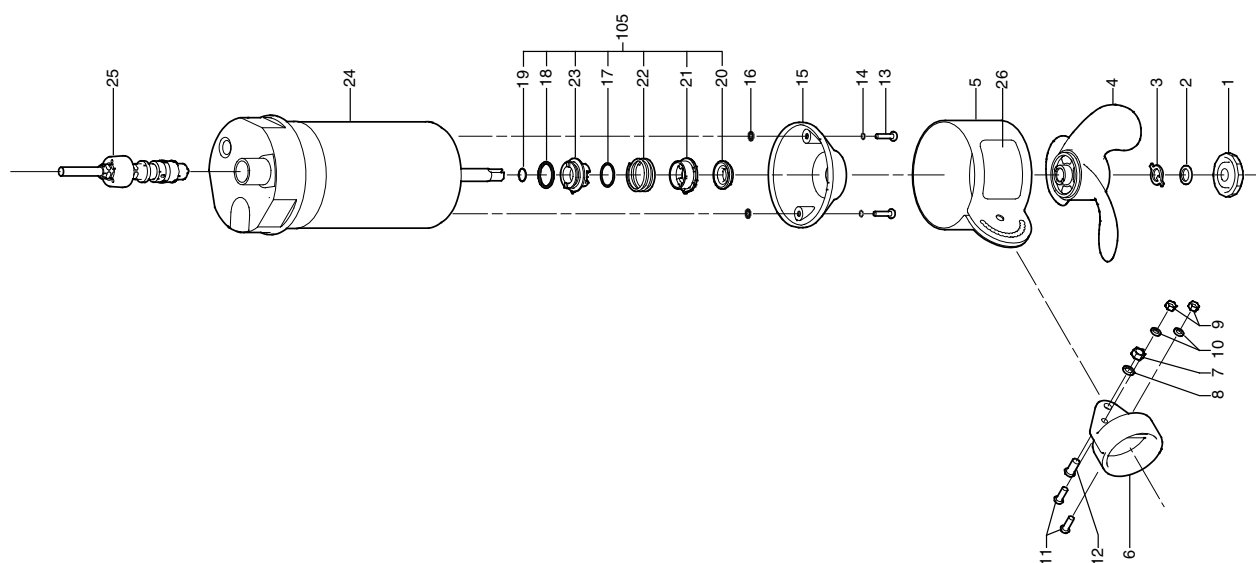
Gasket kit, motor

Pos.	Description	95065455
12	O-ring 158.42 x 2.62	2
15	O-ring 113.97 x 2.62	1
22	Cable entry (rubber) small	1
23	O-ring 37.82 x 1.78	1
25	Cable entry (rubber) large	1
32	O-ring 63.22 x 1.78	1
45	O-ring 21.95 x 1.78	1
46	Lip seal 62 x 32 x 8	1
48	Lip seal 72 x 40 x 7	1
	O-ring 85.0 x 2.5	1

Shaft seal

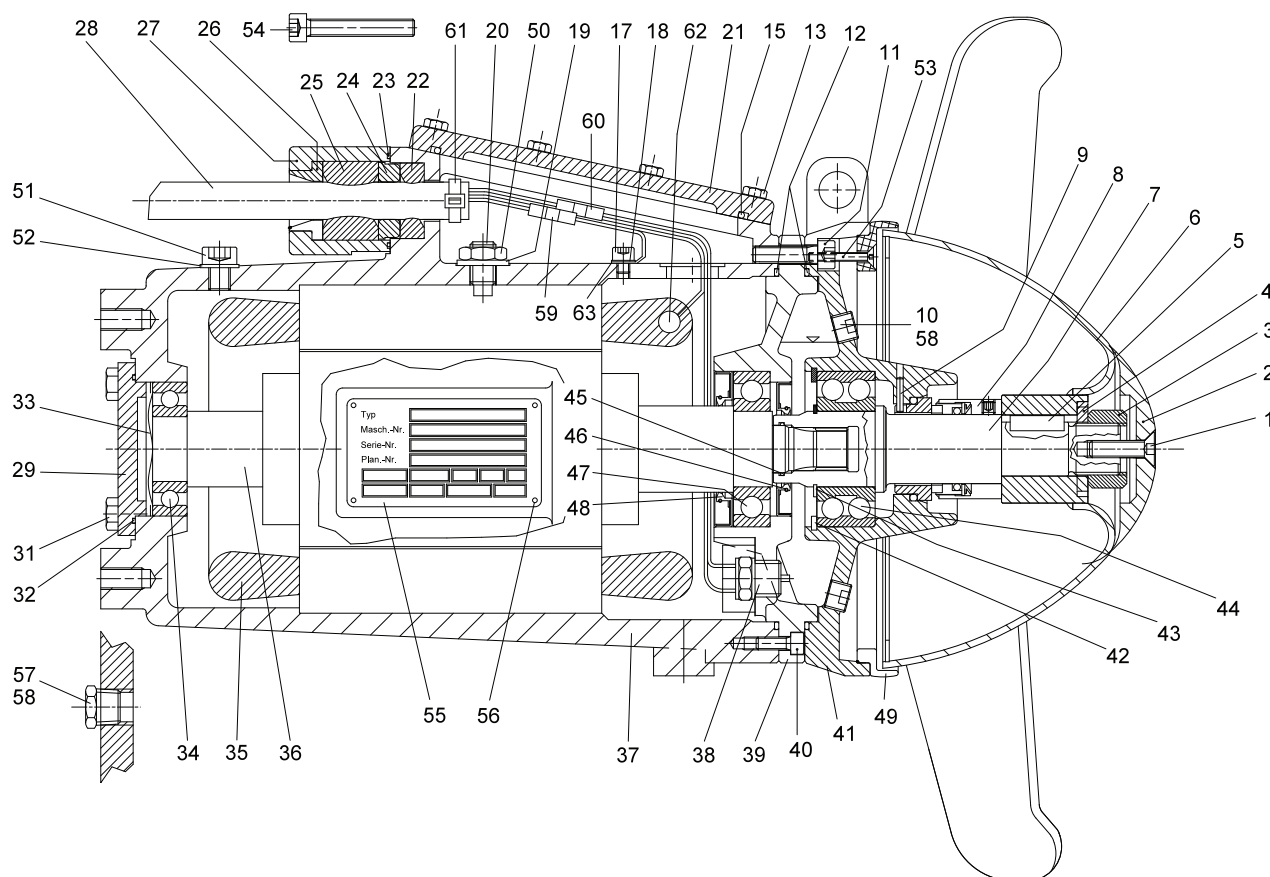
Pos.	Description	95035813
8	Shaft seal	1

AMD.07.x.x



TM02 8013 4506

AMD.18.x.x - AMD.28.x.x



TM03 5485 3706

AMD.15-45 (50/60 Hz) and AMD.34-55 (60 Hz North America)**Cable entry, 1.5 mm²**

Pos.	Description	95065449
1002	Cable flange	1
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring 37.8 x 1.78	1
1008	Hexagon socket head cap screw	4
1010	Hexagon socket head cap screw	2
1011	Lock washer	2
1014	Lock washer	4
1015	Cable clamp	1
1028	Hexagon socket head cap screw	1
1029	Lock washer	1
1030	Cable shoe	1
1125	O-ring 158.0 x 4.0	1
1177	Cable joint	10
1178	Shrink tube for connections	10

Cable entry, 1.5 mm², Ex version

(and for guide flange 100/100)

Pos.	Description	95065450
1002	Cable flange	1
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1008	Hexagon socket head cap screw	3
1010	Countersunk screw	2
1011	Lock washer	2
1012	Lock nut	2
1014	Lock washer	3
1015	Cable clamp	1
1028	Hexagon socket head cap screw	1
1029	Lock washer	1
1030	Cable shoe	1
1125	O-ring 158.0 x 4.0	1
1172	Distance plate	1
1177	Cable joint	10
1178	Shrink tube for connections	10
1179	Cable joint	11
1180	Shrink tube for connections	11

Gasket kit

Pos.	Description	95065447
1007	O-ring 37.8 x 1.78	1
1022	O-ring 192.0 x 4.0	1
1056	Seal washer	1
1071	O-ring 74.0 x 3.0	1
1109	Hub cover	1
1111	Countersunk screw	1
1125	O-ring 158.0 x 4.0	1
1142	O-ring 138.0 x 3.0	1
1143	O-ring 192.0 x 4.0	1

Gasket kit, Ex version (50 Hz only)

Pos.	Description	95065448
1007	O-ring 37.8 x 1.78	1
1022	O-ring 192.0 x 4.0	1
1056	Seal washer	1
1071	O-ring 74.0 x 3.0	1
1109	Hub cover ELS	1
1111	Countersunk screw	1
1125	O-ring 158.0 x 4.0	1
1142	O-ring 138.0 x 3.0	1
1143	O-ring 192.0 x 4.0	1

Shaft seal, outer

Model 1 and 2, new sealing system

Pos.	Description	95037571
1098	Mechanical shaft seal	1
1146	Protection ring	1
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1
1171	INA ring	1

Shaft seal, outer, Ex version (50 Hz only)

Model 1 and 2, new sealing system

Pos.	Description	95037572
1098	Mechanical shaft seal	1
1146	Protection ring ELS	1
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1
1171	INA ring	1

Shaft seal, outer

Model 0, old sealing system

Pos.	Description	95065453
1098	Mechanical shaft seal	1
1146	Protection ring	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3

Shaft seal, outer, Ex version (50 Hz only)

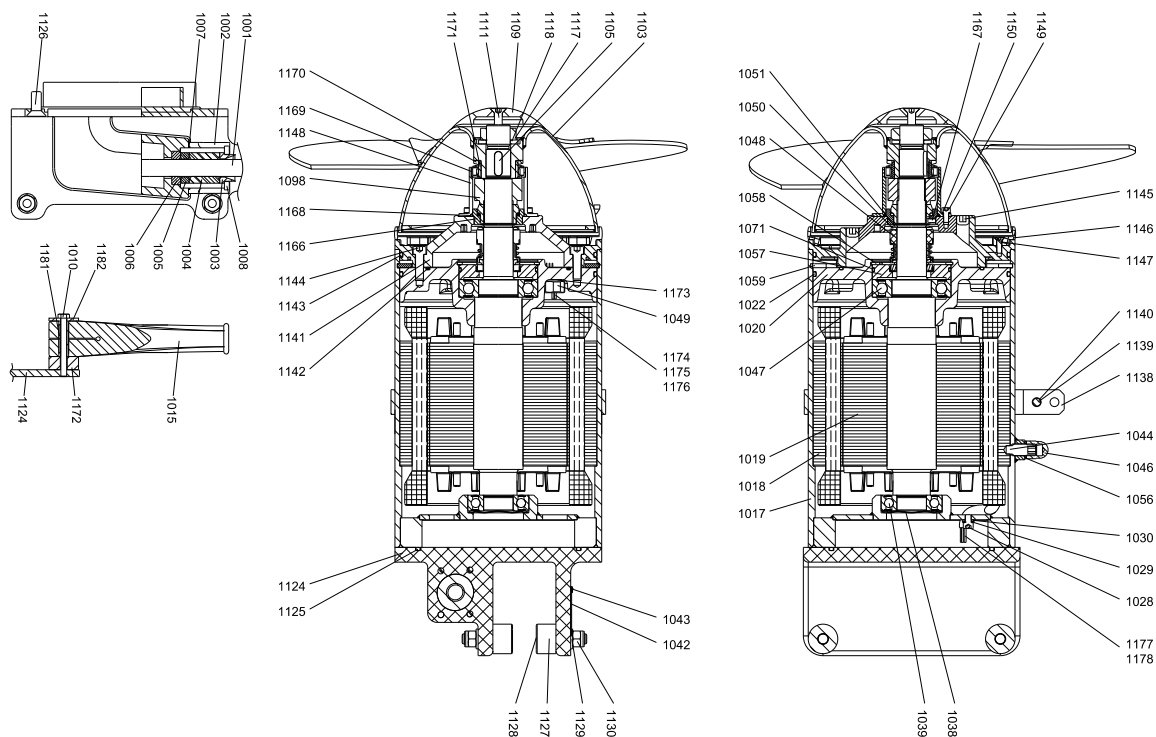
Model 0, old sealing system

Pos.	Description	95065454
1098	Mechanical shaft seal	1
1146	Protection ring	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3

Shaft seal, inner

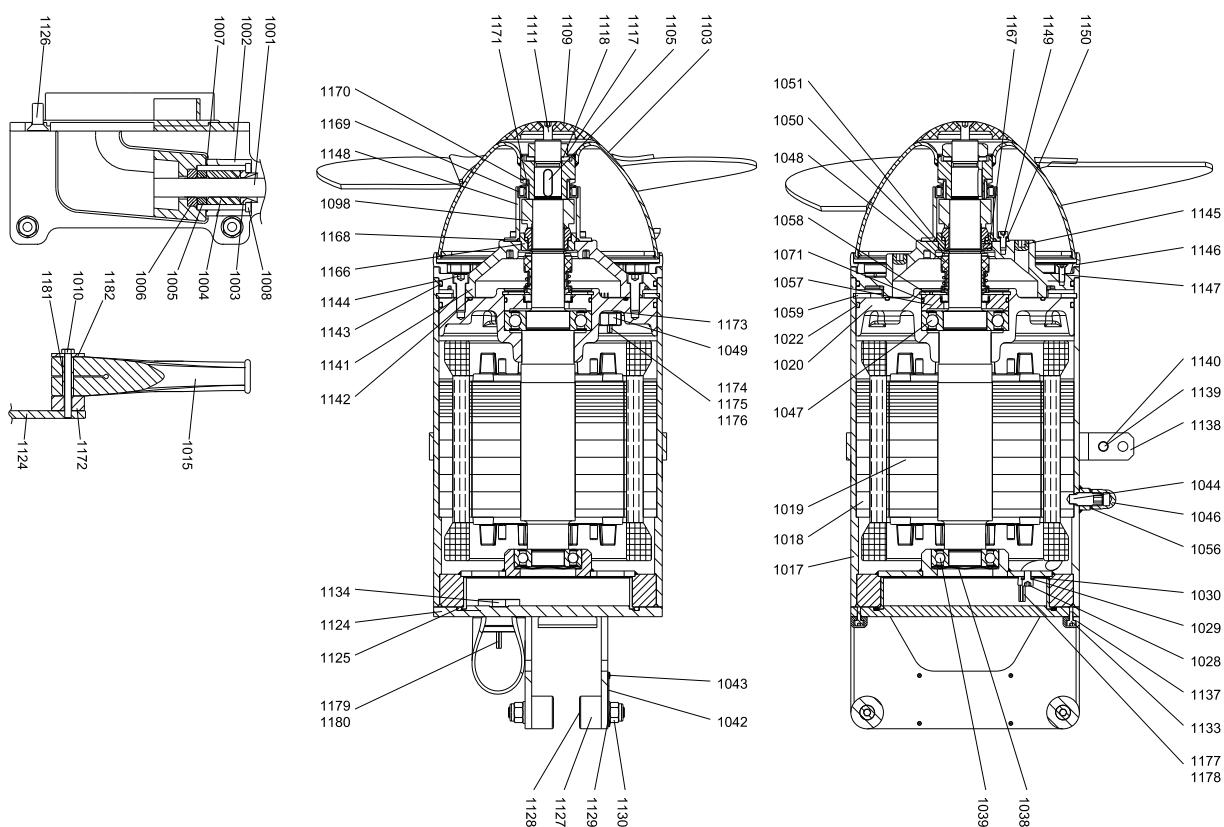
Pos.	Description	95065452
1048	Mechanical shaft seal (motor)	1
1050	Shim	1
1051	Retaining ring	1
1142	O-ring 138.0 x 3.0	1
1143	O-ring 192.0 x 4.0	1

AMD.xx.45.xx non-ATEX



TM03 0031 4210

AMD.xx.45.xxx.Ex



TM03 7506 3307

Bearing

Pos.	Description	95065451
1038	Compensation disc	1
1039	Ball bearing 6206 2RS	1
1047	Ball bearing 6207 2RS	1

Cable, 10 m (12 x 1.5 mm² Ø17.3)

Pos.	Description	95038410
1001	Cable 12x1.5 mm ² Ø17.3	10 m/30 ft
1030	Cable shoe 1.5 mm ² /M6	1
1177	Cable joint 1.5 mm ²	10

Cable ,15 m (12 x 1.5 mm² Ø17.3)

Pos.	Description	95038411
1001	Cable 12x1.5 mm ² Ø17.3	15 m/50 ft
1030	Cable shoe 1.5 mm ² /M6	1
1177	Cable joint 1.5 mm ²	10

Cable, 25 m (12 x 1.5 mm² Ø17.3)

Pos.	Description	95038412
1001	Cable 12x1.5 mm ² Ø17.3	25 m/80 ft
1030	Cable shoe 1.5 mm ² /M6	1
1177	Cable joint 1.5 mm ²	10

Guide flange kit 60/60 SS cast

Pos.	Description	95039395
1002	Cable flange AMD	1
1007	O-ring 37.82x1.78	1
1008	Cylinder head screw M5 x 45	4
1010	Hexagon head screw M6 x 55	2
1015	Bend protection D17	1
1124	Guide flange 60/60 SS cast	1
1125	O-ring 158.0 x 4.0	1
1126	Countersunk screw M10 x 25	8
1127	Guide roller Ø30 x 20	4
1128	Countersunk screw M10 x 40	4
1129	Washer Ø10.5/20 x 2	4
1130	Lock nut M10	4
1133	Cylinder head screw M5 x 10	4
1134	Grommet * Ø33.3 x 11.5	1
1137	Guide plate 60/60 AMD 54 x 10 x 40	2
1172	Distance plate AMD 45 x 30 x 13.5	1
1181	Distance bush f. bend protection Ø10/6.4 x 30	2
1182	Distance plate f. bend protection 50 x 30 x 3	1

* For non-ATEX version only

Guide flange 100/100, AISI 316

Pos.	Description	95038626
1124	Guide flange	1
1125	O-ring 158.0 x 4.0	1
1126	Countersunk screw M10 x 25	8
1127	Guide roller Ø30 x 20	4
1128	Countersunk screw M10 x 40	4
1129	Washer Ø10.5/20x2	4
1130	Lock nut M10	4
1133	Hexagon socket head cap screw M5 x 8	4
1137	Guide plate 100/100 15x10x94	2

Guide flange 100/100, AISI 316, Ex version

Pos.	Description	95038627
1124	Guide flange	1
1125	O-ring	1
1126	Countersunk screw	8
1127	Guide roller	4
1128	Countersunk screw	4
1129	Washer	4
1130	Lock nut	4
1133	Hexagon socket head cap screw	4
1137	Guide plate	2

Mounting kit, AMD

Pos.	Description	95038630
1138	Lifting bracket	1
1139	Hexagon socket head cap screw	1
1140	Lock nut	1

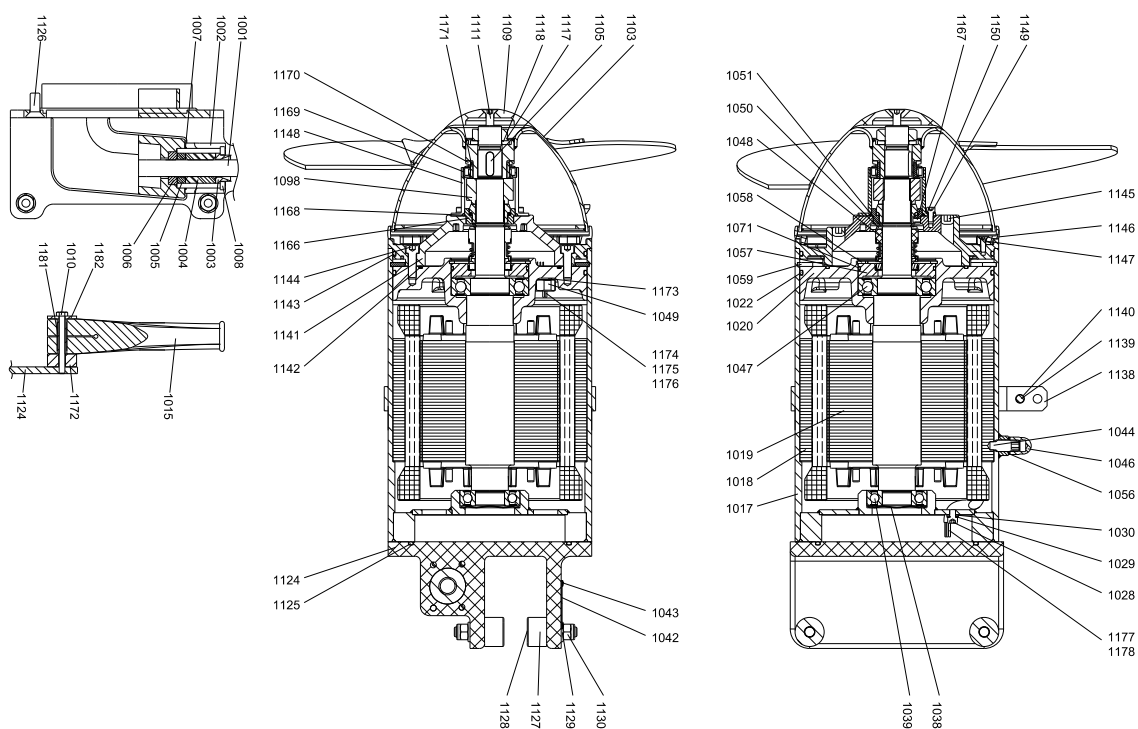
Sealing flange kit, AMD, SS cast

Pos.	Description	95038760
1141	Sealing flange AMD SS cast	1
1142	O-ring 138.0 x 3.0	1
1143	O-ring 192.0 x 4.0	1
1145	Plug 1/4" Gas	2

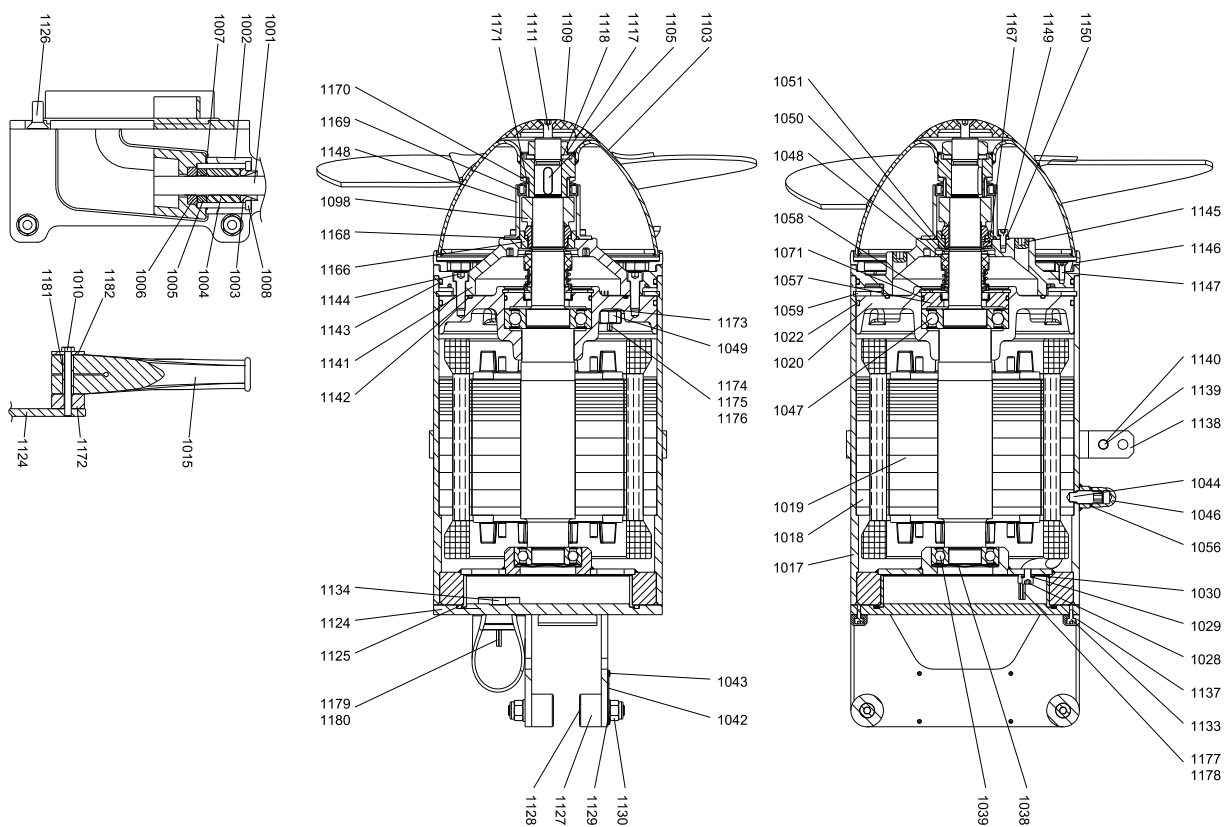
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

AMD.xx.45.xxx non-ATEX



AMD.xx.45.xxx.Ex



TM03 0031 4210

TM03 7506 3307

Propeller, 10 ° AISI 316

AMD.15-20 50 Hz, AMD.25-30 60 Hz,
AMD.34-40 60 Hz US

Pos.	Description	95038612
1103	Propeller	1
1105	Fit-in key	1
1109	Hub cover	1
1111	Countersunk screw	1
1117	Nut	1
1118	Lock washer	1
1171	INA ring	1

Propeller, 12 ° AISI 316

AMD.25-30 50 Hz, AMD.35-40 60 Hz,
AMD.47-55 60 Hz US

Pos.	Description	95038613
1103	Propeller	1
1105	Fit-in key	1
1109	Hub cover	1
1111	Countersunk screw	1
1117	Nut	1
1118	Lock washer	1
1171	INA ring	1

Propeller, 14 ° AISI 316

AMD.35-40 50 Hz

Pos.	Description	95038614
1103	Propeller	1
1105	Fit-in key	1
1109	Hub cover	1
1111	Countersunk screw	1
1117	Nut	1
1118	Lock washer	1
1171	INA ring	1

Propeller, 16 ° AISI 316

AMD.45 50 Hz

Pos.	Description	95038615
1103	Propeller	1
1105	Fit-in key	1
1109	Hub cover	1
1111	Countersunk screw	1
1117	Nut	1
1118	Lock washer	1
1171	INA ring	1

Propeller, 10 ° AISI 316, Ex version

AMD.15-20 50 Hz

Pos.	Description	95038616
1103	Propeller	1
1105	Fit-in key	1
1109	Hub cover ELS	1
1111	Countersunk screw	1
1117	Nut	1
1118	Lock washer	1
1171	INA ring	1

Propeller, 12 ° AISI 316, Ex version

AMD.25-30 50 Hz

Pos.	Description	95038617
1103	Propeller	1
1105	Fit-in key	1
1109	Hub cover ELS	1
1111	Countersunk screw	1
1117	Nut	1
1118	Lock washer	1
1171	INA ring	1

Propeller, 14 ° AISI 316, Ex version

AMD.35-40 50 Hz

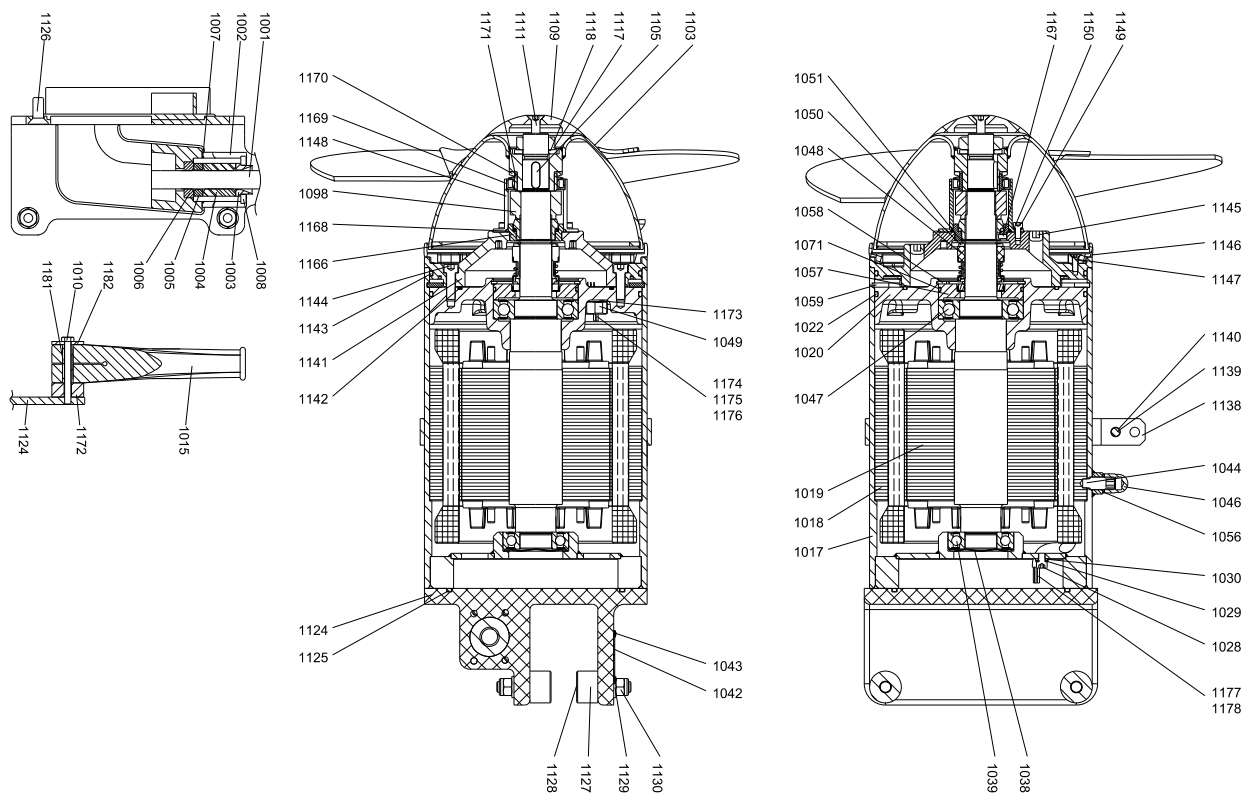
Pos.	Description	95038618
1103	Propeller	1
1105	Fit-in key	1
1109	Hub cover ELS	1
1111	Countersunk screw	1
1117	Nut	1
1118	Lock washer	1
1171	INA ring	1

Propeller, 16 ° AISI 316, Ex version

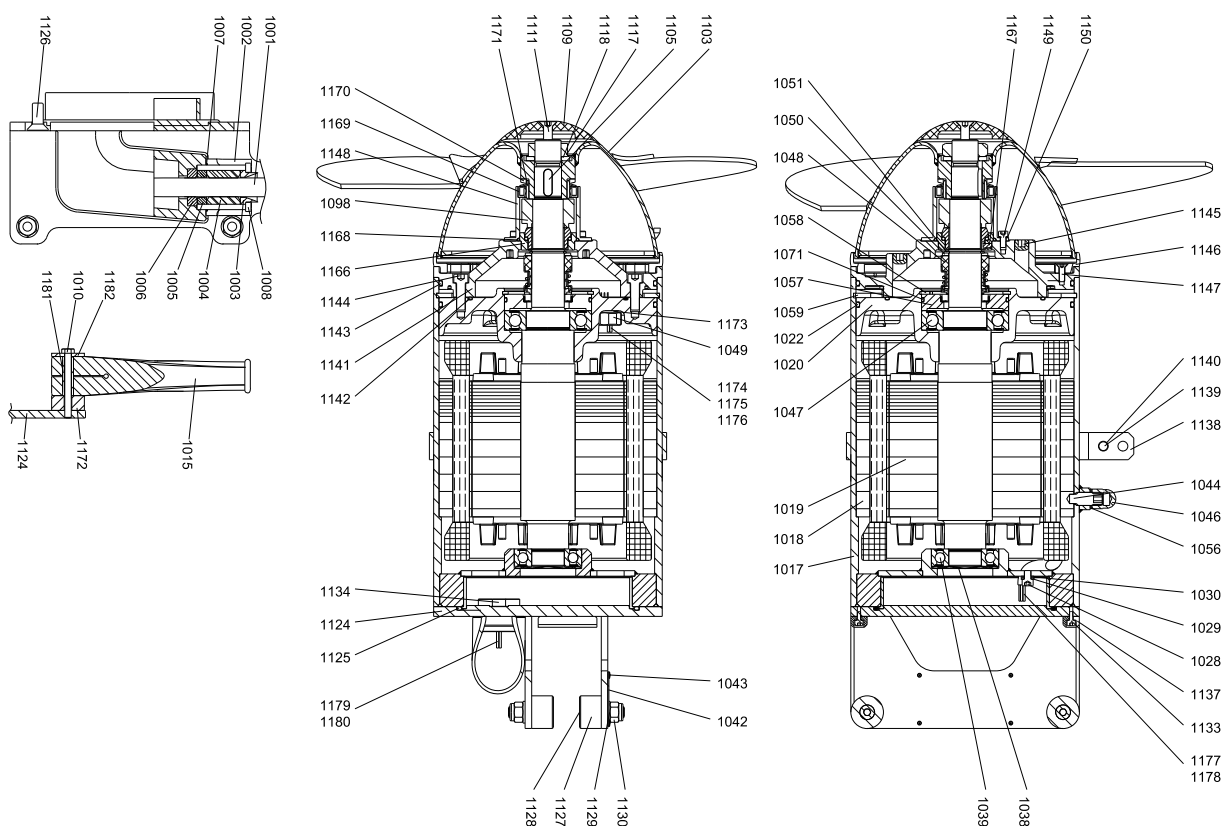
AMD.45 50 Hz

Pos.	Description	95038619
1103	Propeller	1
1105	Fit-in key	1
1109	Hub cover ELS	1
1111	Countersunk screw	1
1117	Nut	1
1118	Lock washer	1
1171	INA ring	1

AMD.xx.45.xxx non-ATEX



AMD.xx.45.xxx.Ex



TM03 0031 4210

TM03 7506 3307

Gasket kit, with propeller 10 °

AMD.15-20 50 Hz, AMD.25-30 60 Hz, AMD.34-40 60 Hz US
(Upgrade kit, old to new sealing system)

Pos.	Description	95037368
1098	Mechanical shaft seal	1
1103	Propeller	1
1141	Sealing flange AMD SS cast	1
1142	O-ring	1
1143	O-ring	1
1146	Protection ring	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1

Gasket kit, with propeller 12 °

AMD.25-30 50 Hz, AMD.35-40 60 Hz, AMD.47-55 60 Hz US
(Upgrade kit, old to new sealing system)

Pos.	Description	95037369
1098	Mechanical shaft seal	1
1103	Propeller	1
1141	Sealing flange AMD SS cast	1
1142	O-ring	1
1143	O-ring	1
1146	Protection ring	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1

Gasket kit, with propeller 10 ° Ex version

AMD.15-20 50 Hz (Upgrade kit, old to new sealing system)

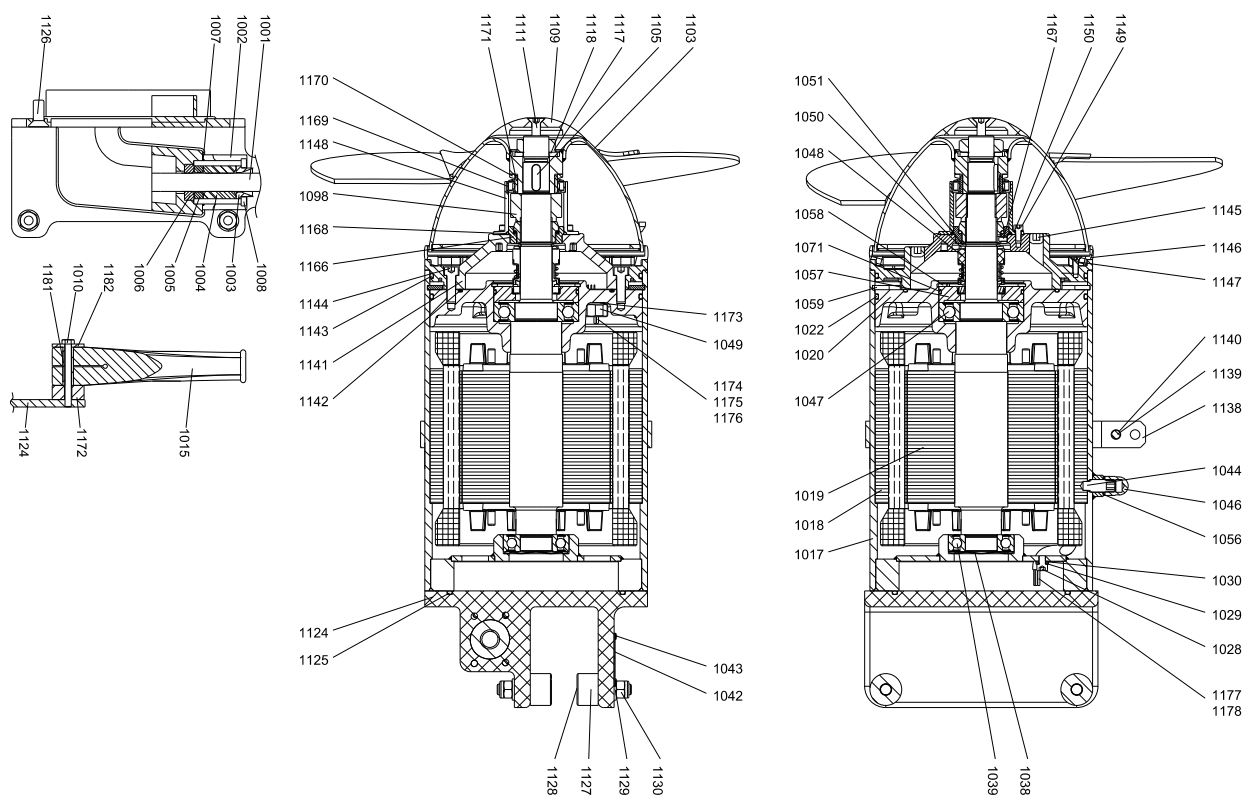
Pos.	Description	95037482
1098	Mechanical shaft seal	1
1103	Propeller	1
1141	Sealing flange AMD SS cast	1
1142	O-ring	1
1143	O-ring	1
1146	Protection ring ELS	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1

Gasket kit, with propeller 12 °, Ex version

AMD.25-30 50 Hz (Upgrade kit, old to new sealing system)

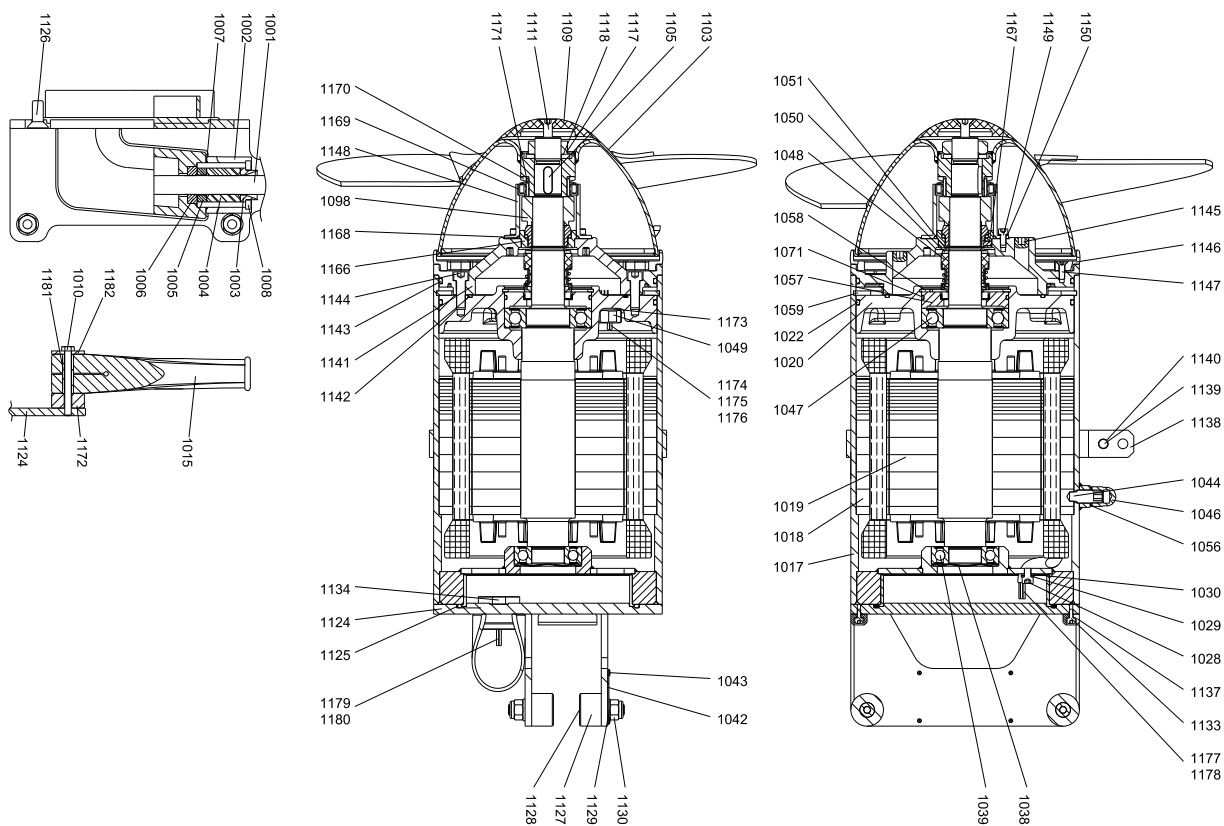
Pos.	Description	95037483
1098	Mechanical shaft seal	1
1103	Propeller	1
1141	Sealing flange AMD SS cast	1
1142	O-ring	1
1143	O-ring	1
1146	Protection ring ELS	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1

AMD.xx.45.xxx non-ATEX



TM03 0031 4210

AMD.xx.45.xxx.Ex



TM03 7506 3307

Gasket kit, AMD.35-40 with propeller 14 °

AMD.35-40 50 Hz (Upgrade kit, old to new sealing system)

Pos.	Description	95037370
1098	Mechanical shaft seal	1
1103	Propeller	1
1141	Sealing flange AMD SS cast	1
1142	O-ring	1
1143	O-ring	1
1146	Protection ring	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1

Gasket kit, AMD.45 with propeller 16 °

AMD.45 50 Hz (Upgrade kit, old to new sealing system)

Pos.	Description	95037371
1098	Mechanical shaft seal	1
1103	Propeller	1
1141	Sealing flange AMD SS cast	1
1142	O-ring	1
1143	O-ring	1
1146	Protection ring	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1

Gasket kit, with propeller 14 ° Ex version

AMD.35-40 50 Hz (Upgrade kit, old to new sealing system)

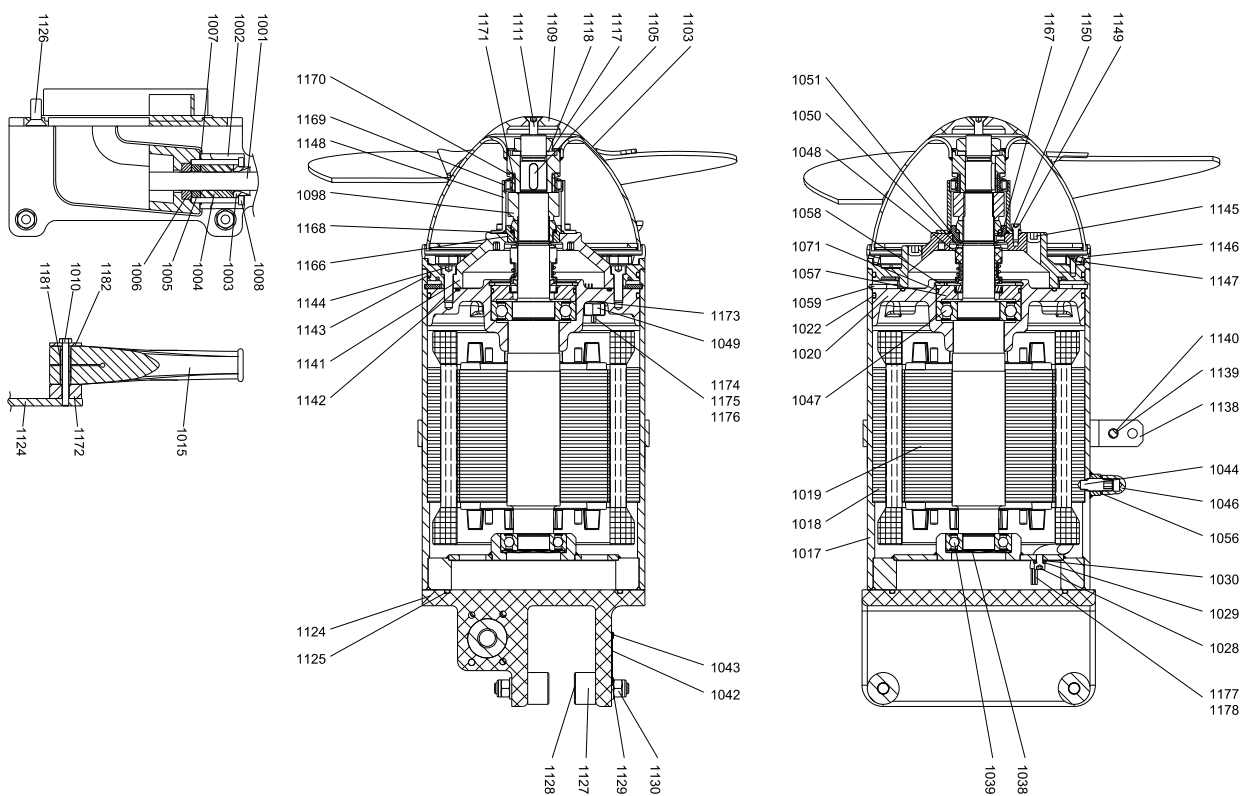
Pos.	Description	95037484
1098	Mechanical shaft seal	1
1103	Propeller	1
1141	Sealing flange AMD SS cast	1
1142	O-ring	1
1143	O-ring	1
1146	Protection ring ELS	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1

Gasket kit, with propeller 16 ° Ex version

AMD.45 50 Hz (Upgrade kit, old to new sealing system)

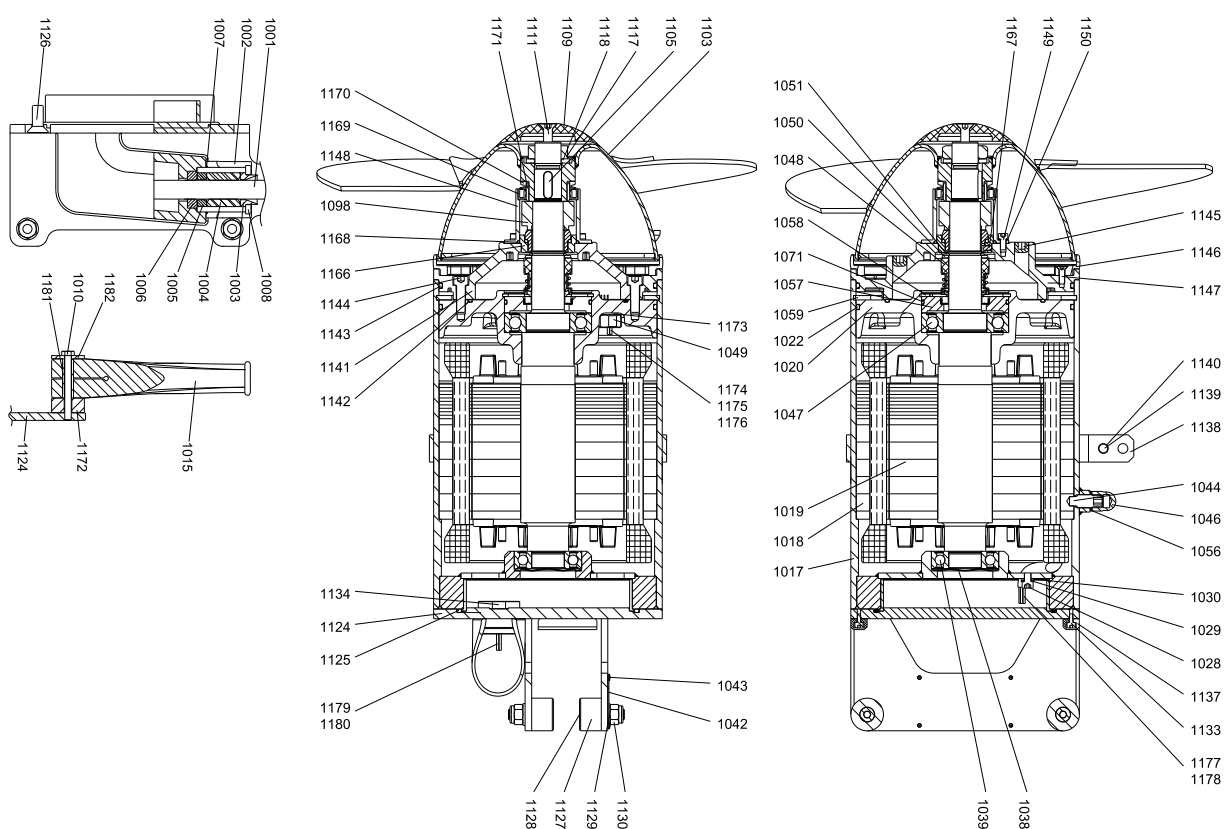
Pos.	Description	95037485
1098	Mechanical shaft seal	1
1103	Propeller	1
1141	Sealing flange AMD SS cast	1
1142	O-ring	1
1143	O-ring	1
1146	Protection ring ELS	1
1148	Protection sleeve	1
1149	Hexagon socket head cap screw	3
1150	Lock washer	3
1168	O-ring	1
1169	Lip seal	1
1170	V-ring	1

AMD.xx.45.xxx non-ATEX



TM03 00314210

AMD.xx.45.xxx.Ex



TM03 7506 3307

Motor, 8-pole 2.5 kW / 3.4 Hp

AMD.15-25 50 Hz, AMD.25 60 Hz, AMD.34 60 Hz US

Pos.	Description	95038620
1017	Motor housing	1
1018	Stator	1
1019	Rotor with shaft	1
1020	Motor flange	1
1022	O-ring	1
1038	Compensation disc	1
1039	Ball bearing	1
1044	Set screw	1
1046	Nut	1
1047	Ball bearing	1
1049	Water-in-oil sensor	1
1056	Seal washer	1
1057	Intermediate ring	1
1058	Retaining ring	1
1059	Retaining ring	1
1071	O-ring	1
1173	Seal washer	1
1174	Cable joint	2
1175	Cable joint	2
1176	Shrink tube for connections	2

Motor, 8-pole 4.5 kW / 6.0 Hp

AMD.30-45 50 Hz, AMD.30-40 60 Hz, AMD.40-55 60 Hz US

Pos.	Description	95038621
1017	Motor housing	1
1018	Stator	1
1019	Rotor with shaft	1
1020	Motor flange	1
1022	O-ring	1
1038	Compensation disc	1
1039	Ball bearing	1
1044	Set screw	1
1046	Nut	1
1047	Ball bearing	1
1049	Water-in-oil sensor	1
1056	Seal washer	1
1057	Intermediate ring	1
1058	Retaining ring	1
1059	Retaining ring	1
1071	O-ring	1
1173	Seal washer	1
1174	Cable joint	2
1175	Cable joint	2
1176	Shrink tube for connections	2

Motor, 8-pole 2.5 kW, Ex version

AMD.15-25 50 Hz (50 Hz Only)

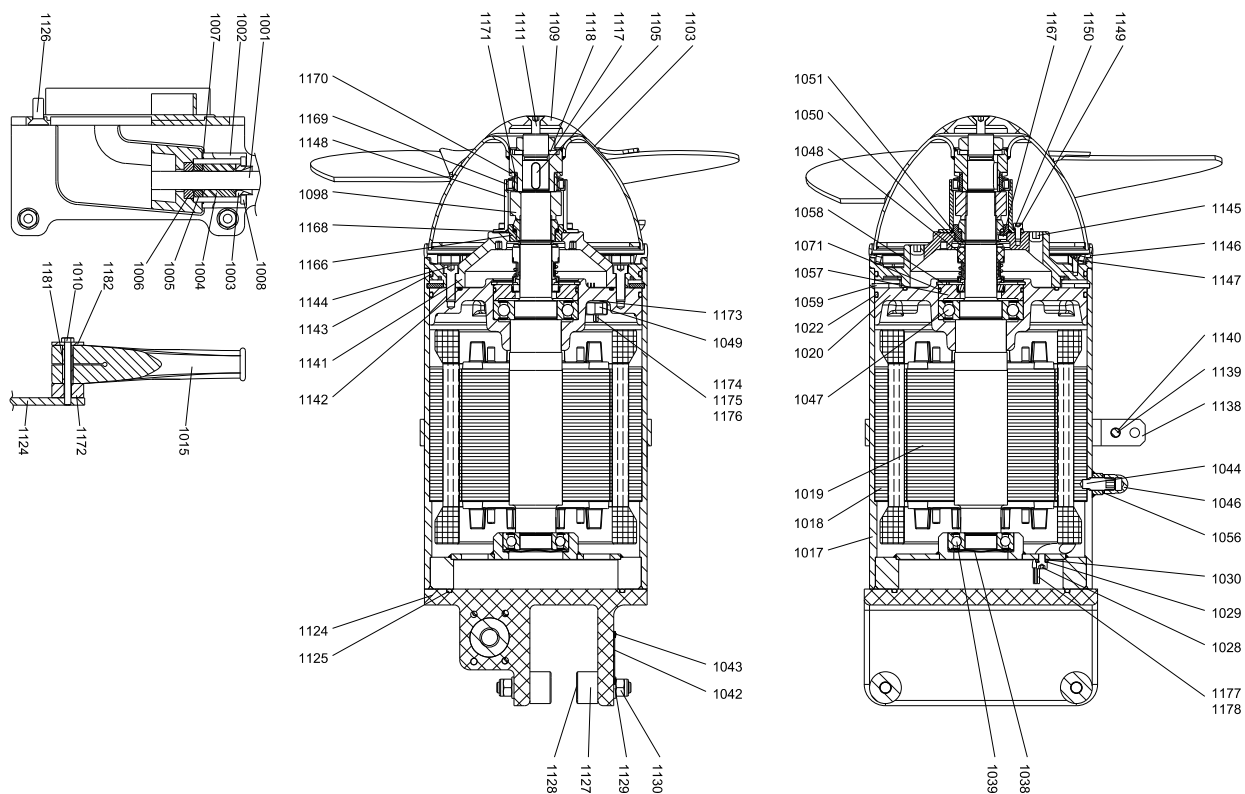
Pos.	Description	95038622
1017	Motor housing	1
1018	Stator	1
1019	Rotor with shaft	1
1020	Motor flange	1
1022	O-ring	1
1038	Compensation disc	1
1039	Ball bearing	1
1044	Set screw	1
1046	Nut	1
1047	Ball bearing	1
1049	Water-in-oil sensor	1
1056	Seal washer	1
1057	Intermediate ring	1
1058	Retaining ring	1
1059	Retaining ring	1
1071	O-ring	1
1173	Seal washer	1
1174	Cable joint	2
1175	Cable joint	2
1176	Shrink tube for connections	2

Motor, 8-pole 4.5 kW, Ex version

AMD.30-45 50 Hz (50 Hz Only)

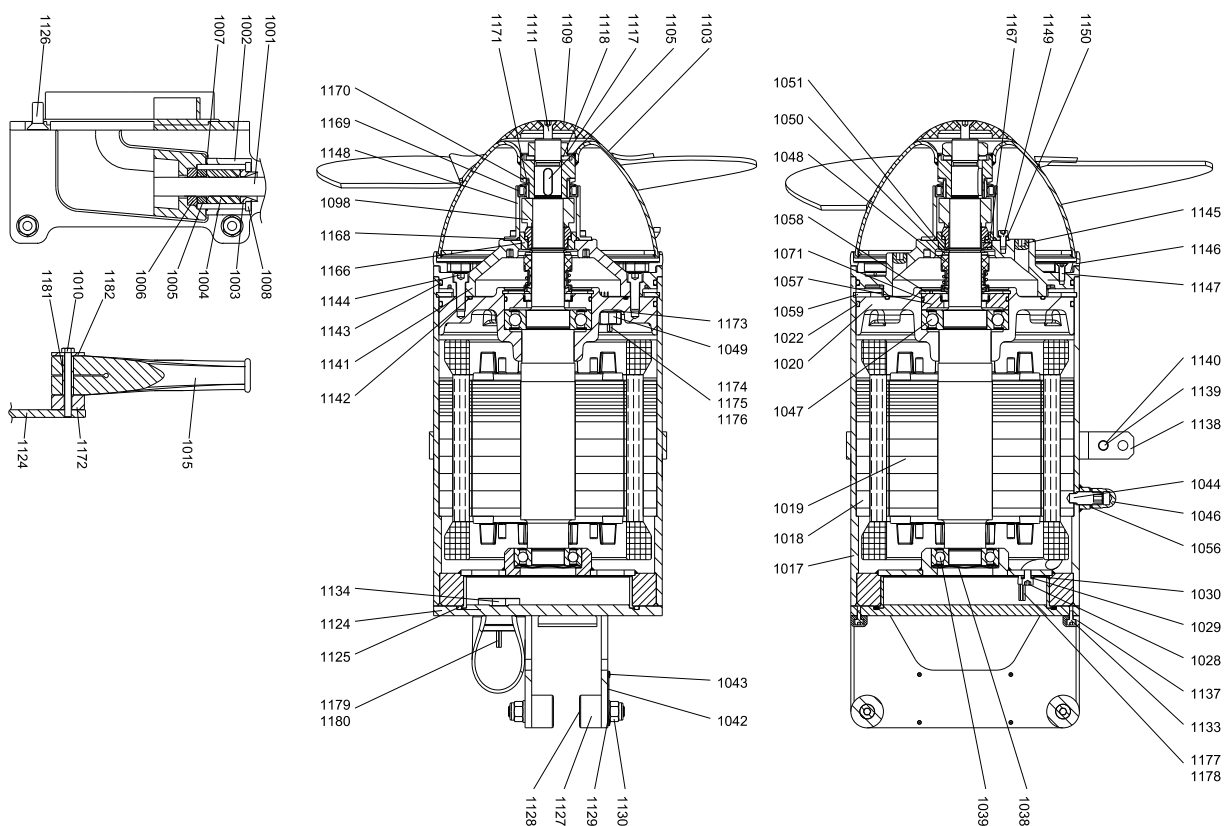
Pos.	Description	95038623
1017	Motor housing	1
1018	Stator	1
1019	Rotor with shaft	1
1020	Motor flange	1
1022	O-ring	1
1038	Compensation disc	1
1039	Ball bearing	1
1044	Set screw	1
1046	Nut	1
1047	Ball bearing	1
1049	Water-in-oil sensor	1
1056	Seal washer	1
1057	Intermediate ring	1
1058	Retaining ring	1
1059	Retaining ring	1
1071	O-ring	1
1173	Seal washer	1
1174	Cable joint	2
1175	Cable joint	2
1176	Shrink tube for connections	2

AMD.xx.45.xxx non-ATEX



TM03 003 1 4207

AMD.xx.45.xxx.Ex



TM03 7506 3307

AMG

AMG.15-40 (50/60 Hz) and AMG.20-50 (60 Hz North America)

Bearing, motor

Pos.	Description	95065458
1038	Compensation disc	1
1039	Ball bearing 6206 2RS	1
1047	Ball bearing 6207 2RS	1

Bearing, gearbox

Pos.	Description	95065459
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30207	1
1094	Tapered roller bearing 30207	1

Cable entry, 1.5 mm2

Pos.	Description	95065457
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1008	Hexagon socket head cap screw	2
1009	Cable relief	1
1025	O-ring 113.97 x 2.62	1
1026	Cable joint	6
1027	Cable joint	4
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear casing

Pos.	Description	95038404
1088	Gear casing	1
1089	Retaining ring	1
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing	1
1093	Gear shaft	1
1094	Tapered roller bearing	1
1101	Drain plug with magnet	1
1102	Plug	2
1119	PTFE tape	1

Radial seal

Pos.	Description	95039130
1104	Lip seal 105 x 85 x 13	2
	O-ring 85.0 x 2.5	1
1108	O-ring 105.0 x 3.0	1
	O-ring 184.0 x 3.0	1
1110	Washer Ø8.4 / 16 x 1.0	1
1157	Gasket 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065455
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 63.22 x 1.78	1
1054	Lip seal 62 x 32 x 8	1
1055	Lip seal 72 x 40 x 7	1
1071	O-ring 21.95 x 1.78	1
1108	O-ring 85.0 x 2.5	1

Gasket kit, Ex version (50 Hz Only)

Pos.	Description	95065456
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 63.22 x 1.78	1
1048	Mechanical shaft seal	1
1050	Shim 45 x 32 x 0.5	1
1051	Retaining ring	1
1108	O-ring 85.0 x 2.5	1

Shaft seal

Pos.	Description	95065462
1095	Intermediate ring	1
1098	Mechanical shaft seal	1

Slotted nut

Pos.	Description	95038413
1106	Slotted nut	2
1107	Lock washer	2

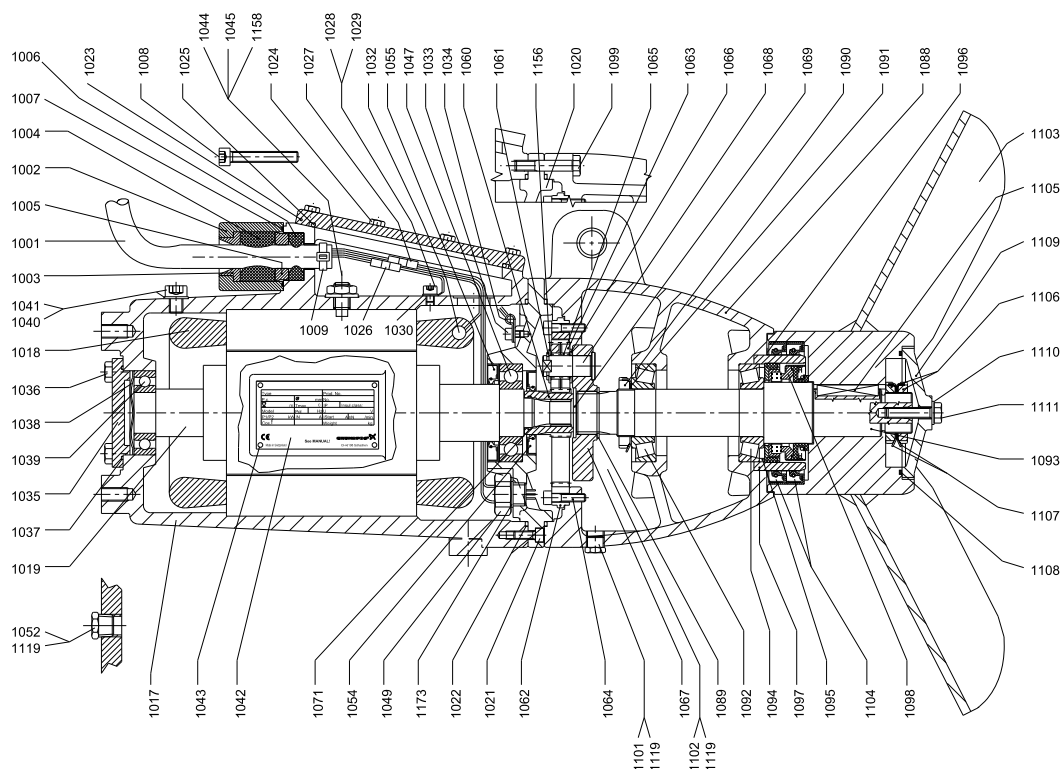
Wear ring

Pos.	Description	Standard 95037374
1097	Wear ring ceramic	1
1104	Lip seal 105 x 85 x 13	2
	O-ring 85.0 x 2.5	1
1108	O-ring 105.0 x 3.0	1
	O-ring 184.0 x 3.0	1
1157	Gasket	1

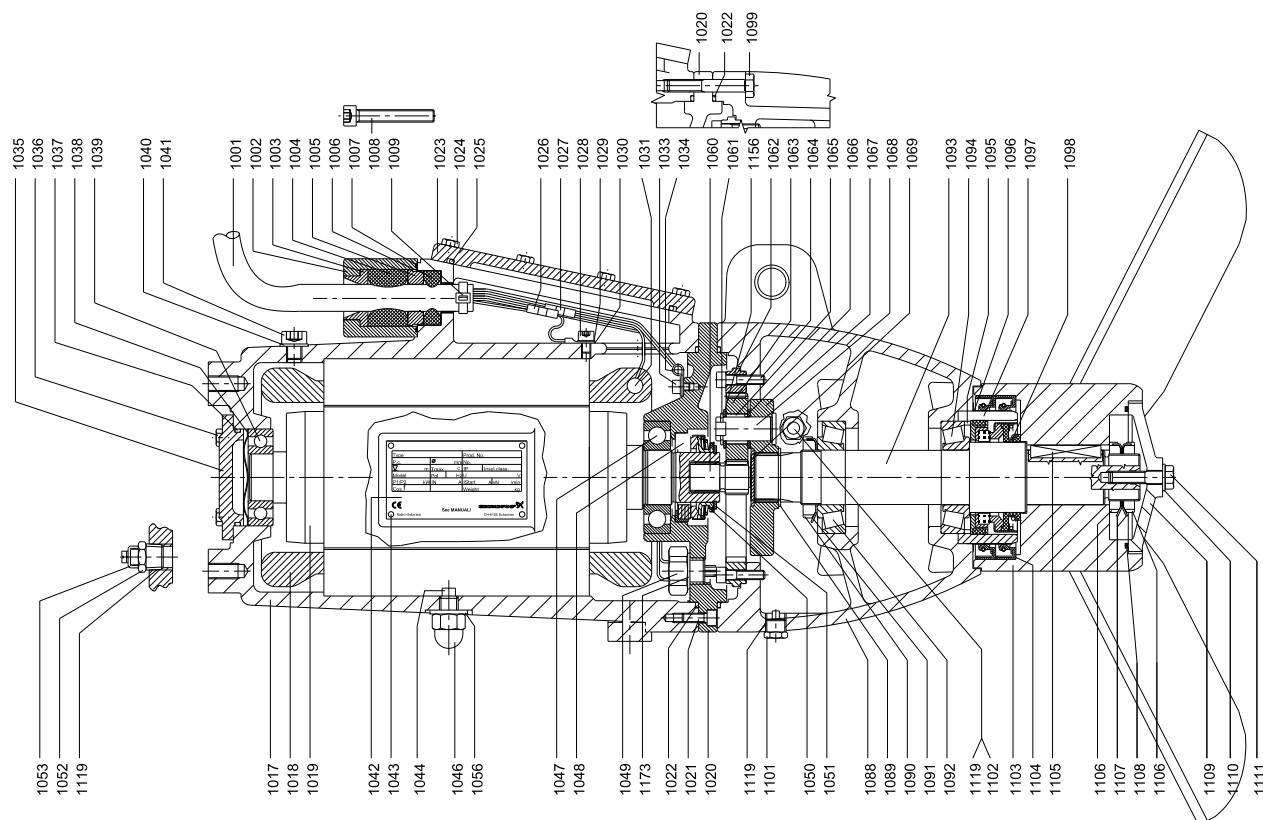
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

AMG non-ATEX



AMG.Ex (50 Hz only)



TM03 5479 3307

TM03 5491 3307

Propeller, AISI 304 - 50 Hz

Pos.	Description	AMG.15.40*	AMG.22.45*	AMG.30.47*	AMG.40.52*	AMG.15.55	AMG.22.64	AMG.30.64	AMG.40.71
		95038400	95038401	95038402	95038403	95038461	95038462	95038463	95038464
1103	Propeller 1.5 kW	1	-	-	-	1	-	-	-
1103	Propeller 2.2 kW	-	1	-	-	-	1	-	-
1103	Propeller 3.0 kW	-	-	1	-	-	-	1	-
1103	Propeller 4.0 kW	-	-	-	1	-	-	-	1
1104	Lip seal	2	2	2	2	2	2	2	2
1105	Fit-in key	1	1	1	1	1	1	1	1
1106	Slotted nut	2	2	2	2	2	2	2	2
1108	O-ring	1	1	1	1	1	1	1	1
1109	Hub cover	1	1	1	1	1	1	1	1
1110	Washer	1	1	1	1	1	1	1	1
1111	Hexagon head screw	1	1	1	1	1	1	1	1

* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

Propeller, AISI 316 - 50 Hz

Pos.	Description	AMG.15.40*	AMG.22.45*	AMG.30.47*	AMG.40.52*	AMG.15.55	AMG.22.64	AMG.30.64	AMG.40.71
		95038457	95038458	95038459	95038460	95038465	95038466	95038467	95038468
1103	Propeller 1.5 kW	1	-	-	-	1	-	-	-
1103	Propeller 2.2 kW	-	1	-	-	-	1	-	-
1103	Propeller 3.0 kW	-	-	1	-	-	-	1	-
1103	Propeller 4.0 kW	-	-	-	1	-	-	-	1
1104	Lip seal	2	2	2	2	2	2	2	2
1105	Fit-in key	1	1	1	1	1	1	1	1
1106	Slotted nut	2	2	2	2	2	2	2	2
1108	O-ring	1	1	1	1	1	1	1	1
1109	Hub cover	1	1	1	1	1	1	1	1
1110	Washer	1	1	1	1	1	1	1	1
1111	Hexagon head screw	1	1	1	1	1	1	1	1

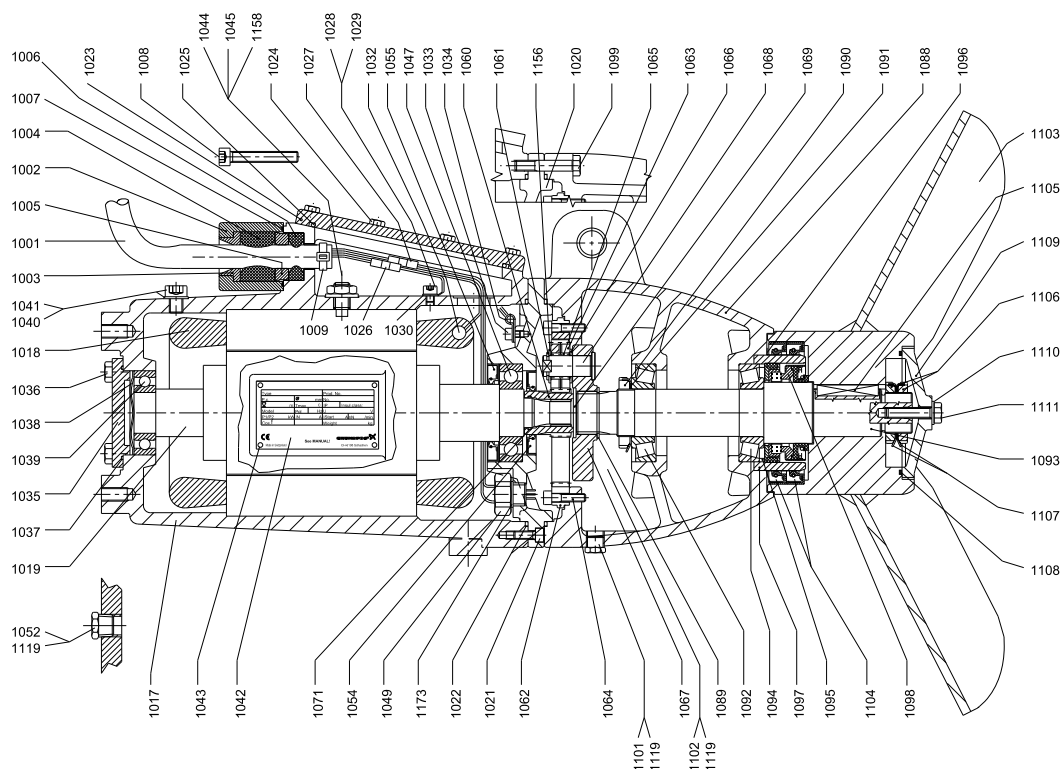
* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

Propeller, AISI 304 - 60 Hz

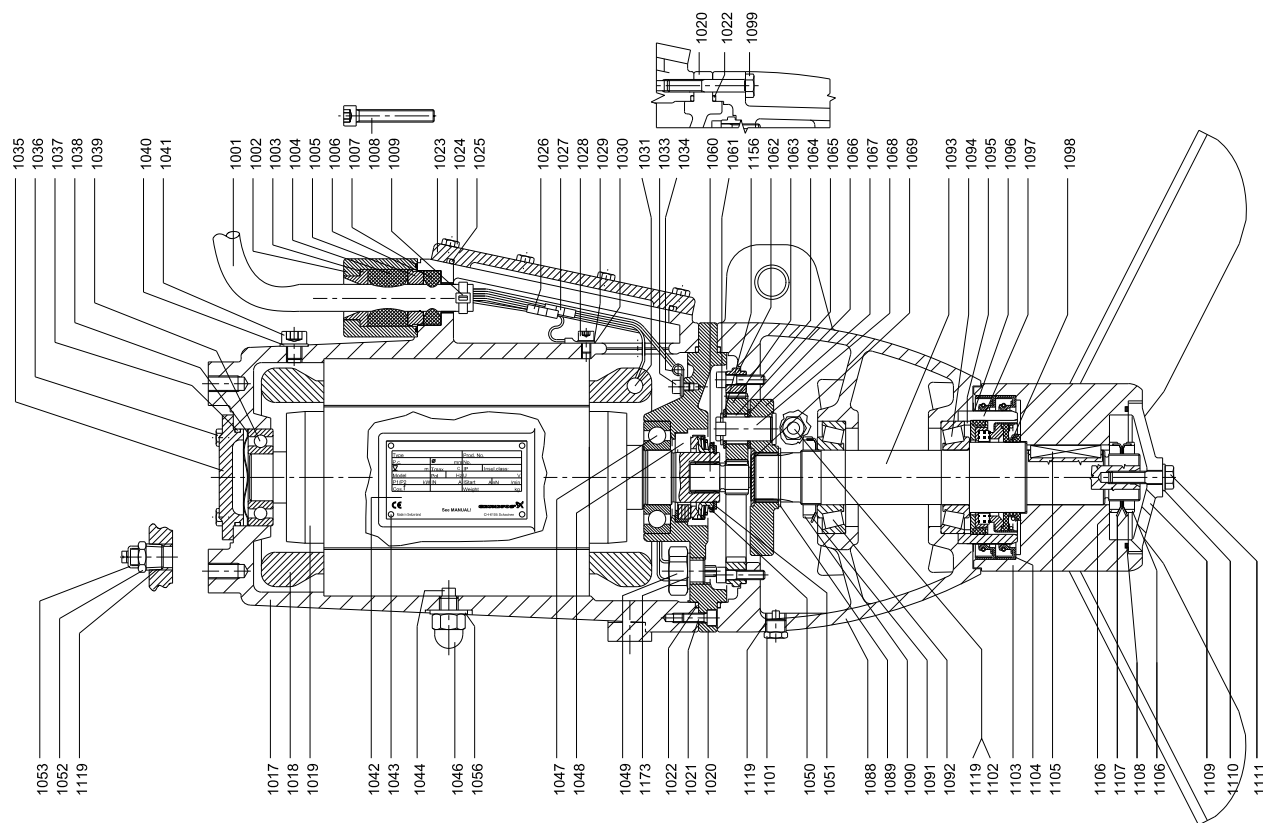
Pos.	Description	60 Hz SI	AMG.15.37*	AMG.22.41*	AMG.30.43*	AMG.40.47*	AMG.15.40	AMG.22.52	AMG.30.63	AMG.40.64
		60 Hz US	AMG.20.15*	AMG.30.16*	AMG.40.17*	AMG.50.19*	AMG.20.16	AMG.30.20	AMG.40.24	AMG.50.25
		Kit No	95038716	95038717	95038718	95038719	95038724	95038725	95038726	95038727
1103	Propeller 1.5 kW / 2 Hp		1	-	-	-	1	-	-	-
1103	Propeller 2.2 kW / 3 Hp		-	1	-	-	-	1	-	-
1103	Propeller 3.0 kW / 4 Hp		-	-	1	-	-	-	1	-
1103	Propeller 4.0 kW / 5 Hp		-	-	-	1	-	-	-	1
1104	Lip seal		2	2	2	2	2	2	2	2
1105	Fit-in key		1	1	1	1	1	1	1	1
1106	Slotted nut		2	2	2	2	2	2	2	2
1108	O-ring		1	1	1	1	1	1	1	1
1109	Hub cover		1	1	1	1	1	1	1	1
1110	Washer		1	1	1	1	1	1	1	1
1111	Hexagon head screw		1	1	1	1	1	1	1	1

* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

AMG non-ATEX



AMG.15.xxx.Ex - AMG.40.xxx.Ex



TM03 5479 3307

TM03 5491 3307

Cable

Pos.	Description	95038410	95038411	95038412
1001	Cable	10 m / 30 ft	15 m / 50 ft	25 m / 80 ft
1026	Cable joint	6	6	6
1027	Cable joint	4	4	4
1030	Cable shoe	1	1	1

Gear

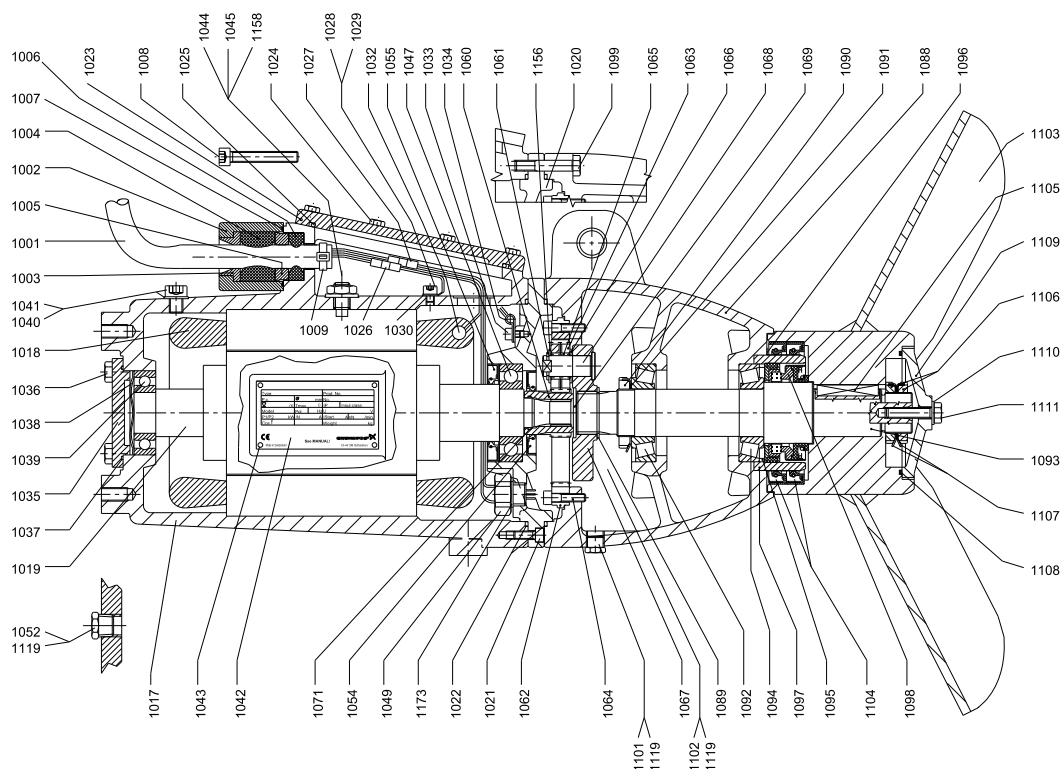
Pos.	Description	Non-Ex version	Ex version
		95065491	95065494
1060	Sun wheel	1	1
1061	Retaining ring	3	3
1062	Ring gear	1	1
1063	Planet gear	3	3
1065	Roller	81	81
1066	Washer	3	3
1067	Planet carrier	1	1
1068	Planet pin	3	3
1069	Cover	1	1
1071	O-ring	1	-
1156	Washer	3	3

Propeller, AISI 316 - 60 Hz

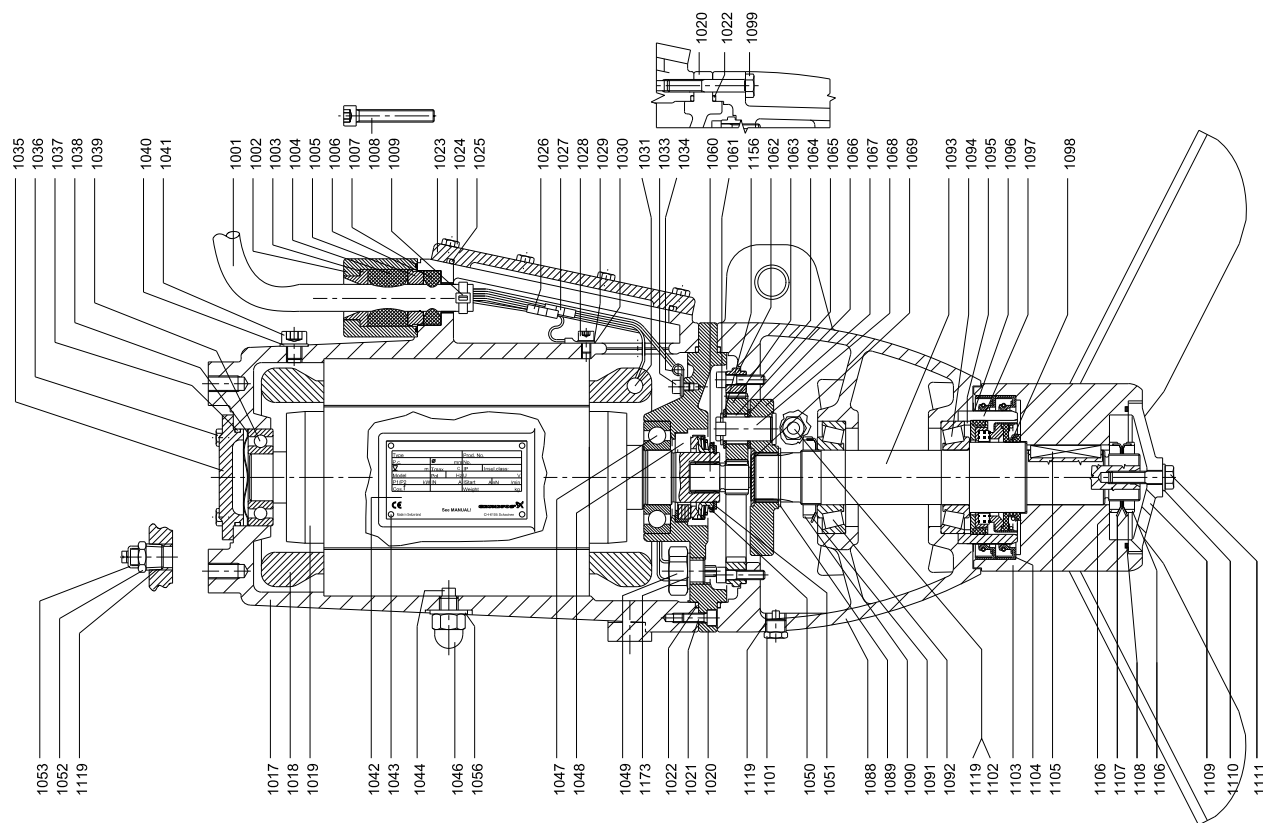
Pos.	Description	60 Hz SI	AMG.15.37*	AMG.22.41*	AMG.30.43*	AMG.40.47*	AMG.15.40	AMG.22.52	AMG.30.63	AMG.40.64
		60 Hz US	AMG.20.15*	AMG.30.16*	AMG.40.17*	AMG.50.19*	AMG.20.16	AMG.30.20	AMG.40.24	AMG.50.25
		Kit No	95038720	95038721	95038722	95038723	95038728	95038729	95038730	95038731
1103	Propeller 1.5 kW / 2 Hp		1	-	-	-	1	-	-	-
1103	Propeller 2.2 kW / 3 Hp		-	1	-	-	-	1	-	-
1103	Propeller 3.0 kW / 4 Hp		-	-	1	-	-	-	1	-
1103	Propeller 4.0 kW / 5 Hp		-	-	-	1	-	-	-	1
1104	Lip seal		2	2	2	2	2	2	2	2
1105	Fit-in key		1	1	1	1	1	1	1	1
1106	Slotted nut		2	2	2	2	2	2	2	2
1108	O-ring		1	1	1	1	1	1	1	1
1109	Hub cover		1	1	1	1	1	1	1	1
1110	Washer		1	1	1	1	1	1	1	1
1111	Hexagon head screw		1	1	1	1	1	1	1	1

* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

AMG non-ATEX



AMG.15.xxx.Ex - AMG.40.xxx.Ex (50 Hz only)



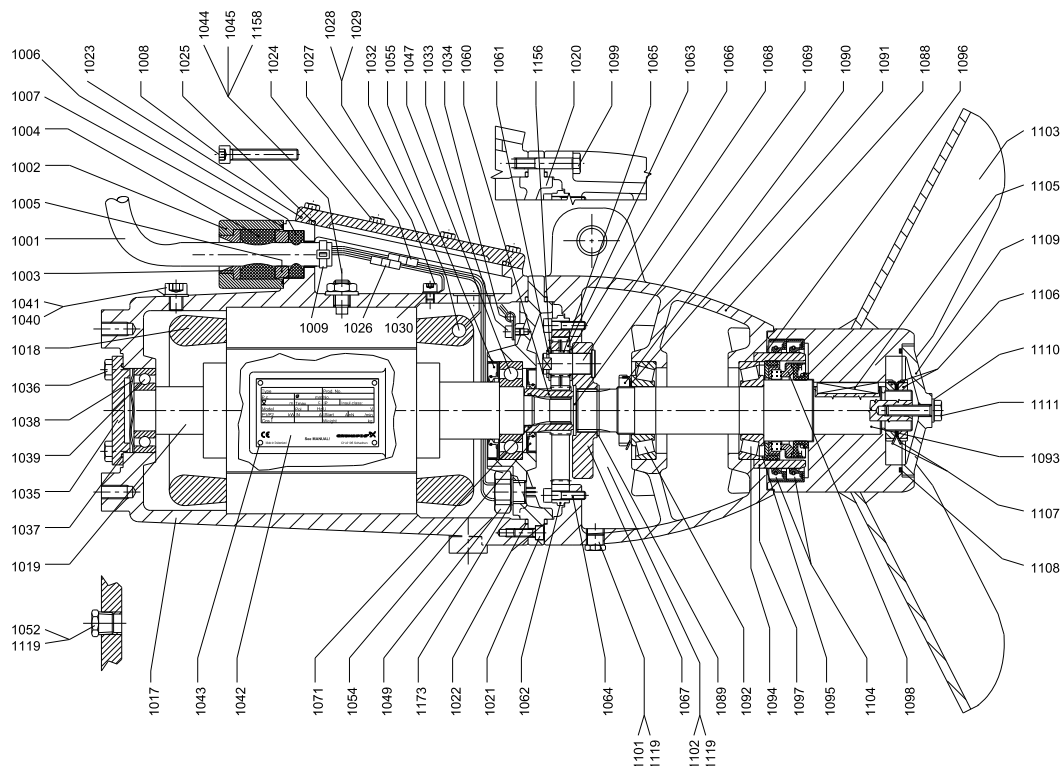
TM03 5479 3307

TM03 5491 3307

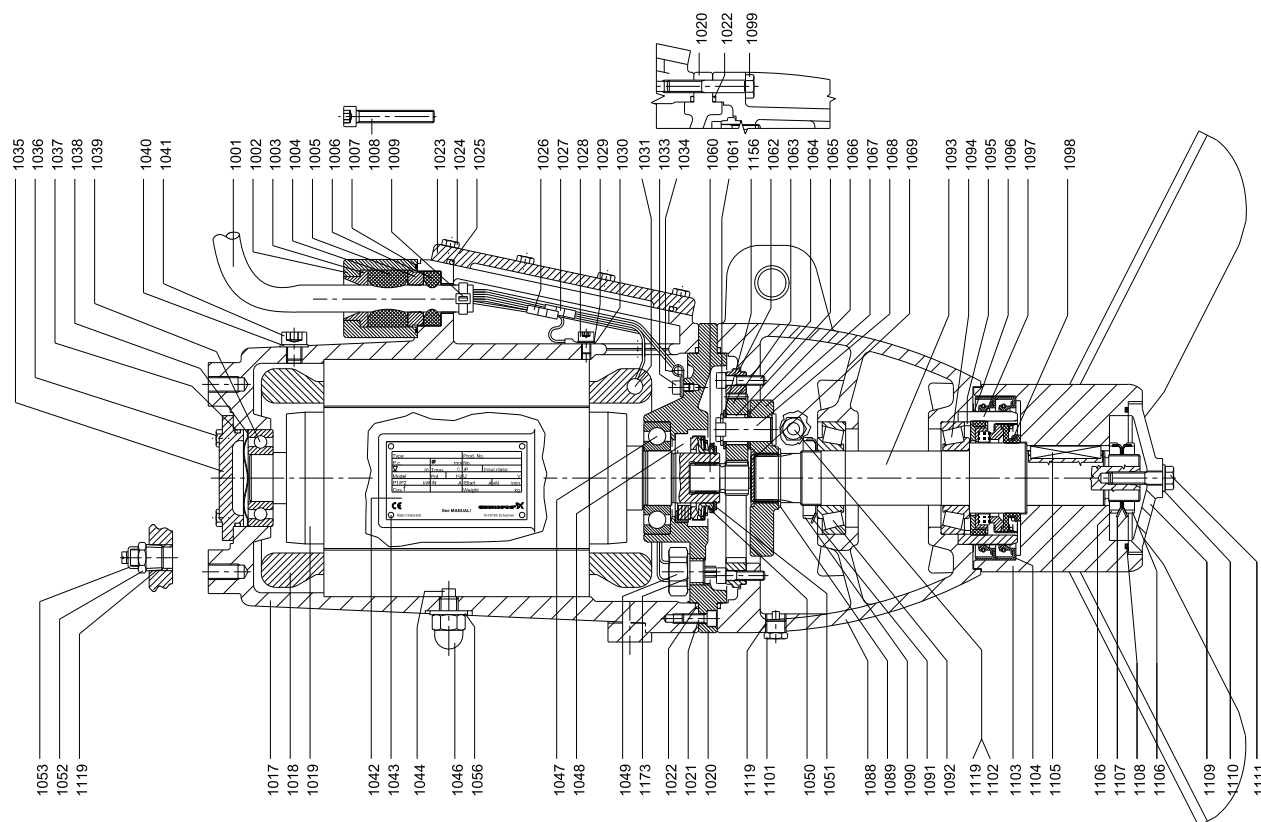
Motor

Pos.	Description		Non-Ex version		Ex version	
		50 Hz	AMG.15.xx AMG.22.xx	AMG.30.xx AMG.40.xx	AMG.15.xx.Ex AMG.22.xx.Ex	AMG.30.xx.Ex AMG.40.xx.Ex
		60 Hz SI	AMG.15.xx AMG.22.xx	AMG.30.xx AMG.40.xx	-	-
		60 Hz US	AMG.20.xx AMG.30.xx	AMG.40.xx AMG.50.xx	-	-
		Kit No	95038405	95038406	95038407	95038408
1002	Cable flange		1	1	1	1
1007	O-ring		1	1	1	1
1008	Hexagon socket head cap screw		2	2	2	2
1017	Motor housing		1	1	1	1
1018	Stator		1	1	1	1
1019	Rotor with shaft		1	1	1	1
1020	Motor flange		1	1	1	1
1021	Hexagon socket head cap screw		3	3	3	3
1022	O-ring		2	2	2	2
1023	Terminal box cover		1	1	1	1
1024	Hexagon head screw		8	8	8	8
1025	O-ring		1	1	1	1
1028	Hexagon socket head cap screw		1	1	1	1
1029	Lock washer		1	1	1	1
1033	Hexagon socket head cap screw		1	1	1	1
1034	Cable clamp		1	1	1	1
1035	Bearing cover		1	1	1	1
1036	Hexagon head screw		4	4	4	4
1037	O-ring		1	1	1	1
1038	Compensation disc		1	1	1	1
1039	Ball bearing		1	1	-	-
	Ball bearing		-	-	1	1
1040	Washer		1	1	1	1
1041	Hexagon socket head cap screw		1	1	1	1
1044	Set screw		1	1	1	1
1045	Spring washer		1	1	-	1
1046	Nut		-	-	1	1
1047	Ball bearing		1	1	-	-
	Ball bearing		-	-	1	1
1048	Mechanical shaft seal		-	-	1	1
1049	Water-in-oil sensor		1	1	1	1
1050	Shim		-	-	1	1
1051	Retaining ring		-	-	1	1
1052	Plug		1	1	-	1
1053	Connection for protective earthing		-	-	1	1
1054	Lip seal		1	1	-	-
1055	Lip seal		1	1	-	-
1056	Seal washer		-	-	1	1
1119	PTFE tape		1	1	1	1
1158	Nut		1	1	-	-
1173	Seal washer		1	1	1	1

AMG non-ATEX



AMG.15.xxx.Ex - AMG.40.xxx.Ex (50 Hz only)



TM03 5479 3307

TM03 5491 3307

AMG.55-110 (50/60 Hz) and AMG.75-150 (60 Hz North America)**Bearing, motor**

Pos.	Description	95065466
1038	Compensation disc	1
1039	Ball bearing 6208 2RS	1
1047	Ball bearing 6208 2RS	1

Bearing, motor Ex version (50 Hz only)

Pos.	Description	96645955
1038	Compensation disc	1
1039	Ball bearing 6208 2RS	1
1047	Ball bearing 6010 2RS	1

Bearing, gearbox

Pos.	Description	95065467
1090	Slotted nut; elastic stop	1
1092	Tapered roller bearing 30209	1
1094	Tapered roller bearing 32209	1

Cable entry, 2.5 mm²

Pos.	Description	95065465
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring	1
1008	Hexagon socket head cap screw	2
1009	Cable relief	1
1025	O-ring	1
1026	Cable joint	6
1027	Cable joint	4
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear casing

Pos.	Description	95038481
1088	Gear casing	1
1090	Slotted nut KM9; elastic stop	1
1092	Tapered roller bearing	1
1093	Gear shaft	1
1094	Tapered roller bearing	1
1101	Drain plug with magnet	1
1102	Plug	2
1119	PTFE tape	1
1164	Retaining ring	1

Radial seal

Pos.	Description	95039131
1104	Lip seal 120 x 100 x 12	2
	O-ring 94.92 x 2.62	1
1108	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer Ø10.5 / 20 x 2.0	1
1157	Gasket 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065463
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1022	O-ring 215.57 x 2.62	2
1025	O-ring 139.29 x 3.53	1
1037	O-ring 75.87 x 2.62	1
1054	Lip seal 72 x 45 x 8	1
1055	Lip seal 80 x 50 x 8	1
1071	O-ring 32.93 x 3.53	1
1108	O-ring 94.92 x 2.62	1

Gasket kit, Ex version (50 Hz only)

Pos.	Description	95065464
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1022	O-ring 215.57 x 2.62	2
1025	O-ring 139.29 x 3.53	1
1037	O-ring 75.87 x 2.62	1
1048	Mechanical shaft seal	1
1050	Shim	1
1051	Retaining ring	1
1108	O-ring 94.92 x 2.62	1

Shaft seal

Pos.	Description	95065470
1098	Mechanical shaft seal	1

Slotted nut

Pos.	Description	95038489
1106	Slotted nut	2
1107	Lock washer	2

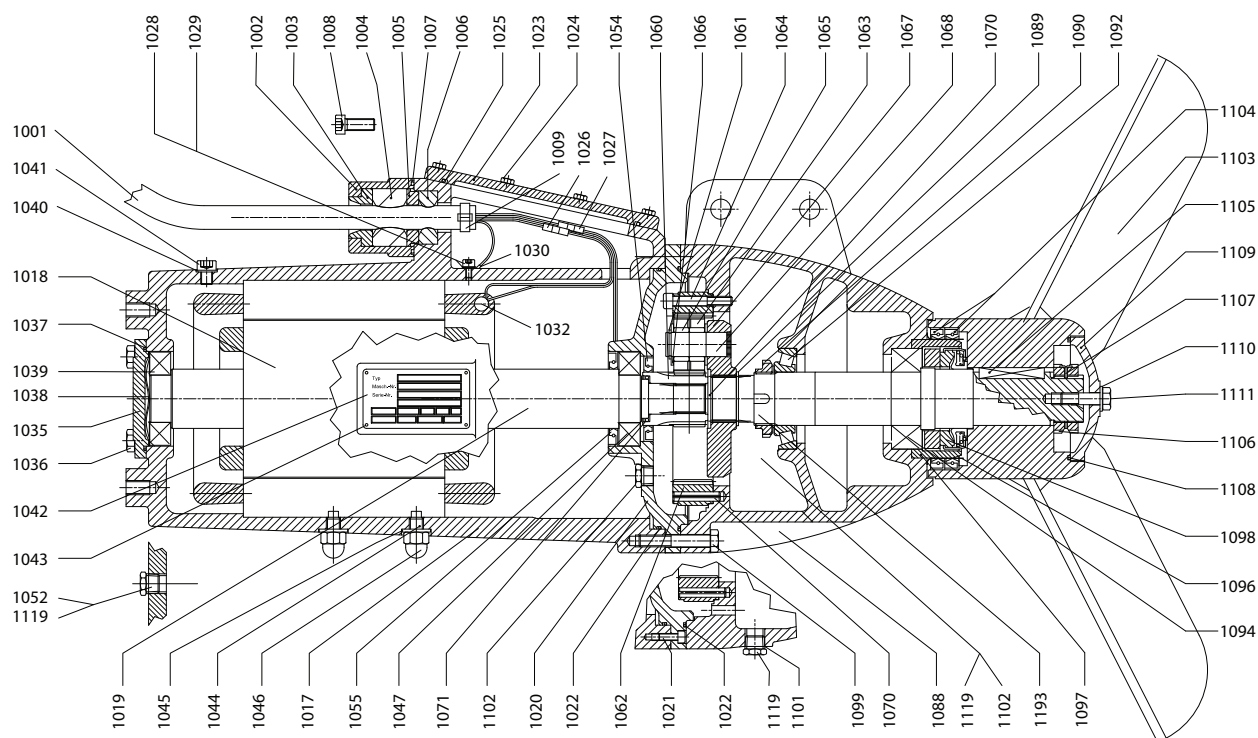
Wear ring

Pos.	Description	Standard 95037375
1097	Wear ring ceramic	1
1104	Lip seal 100 x 120 x 12	2
	O-ring 94.92 x 2.62	1
1108	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1157	Gasket 96 x 75 x 2	1

Water-in-oil sensor

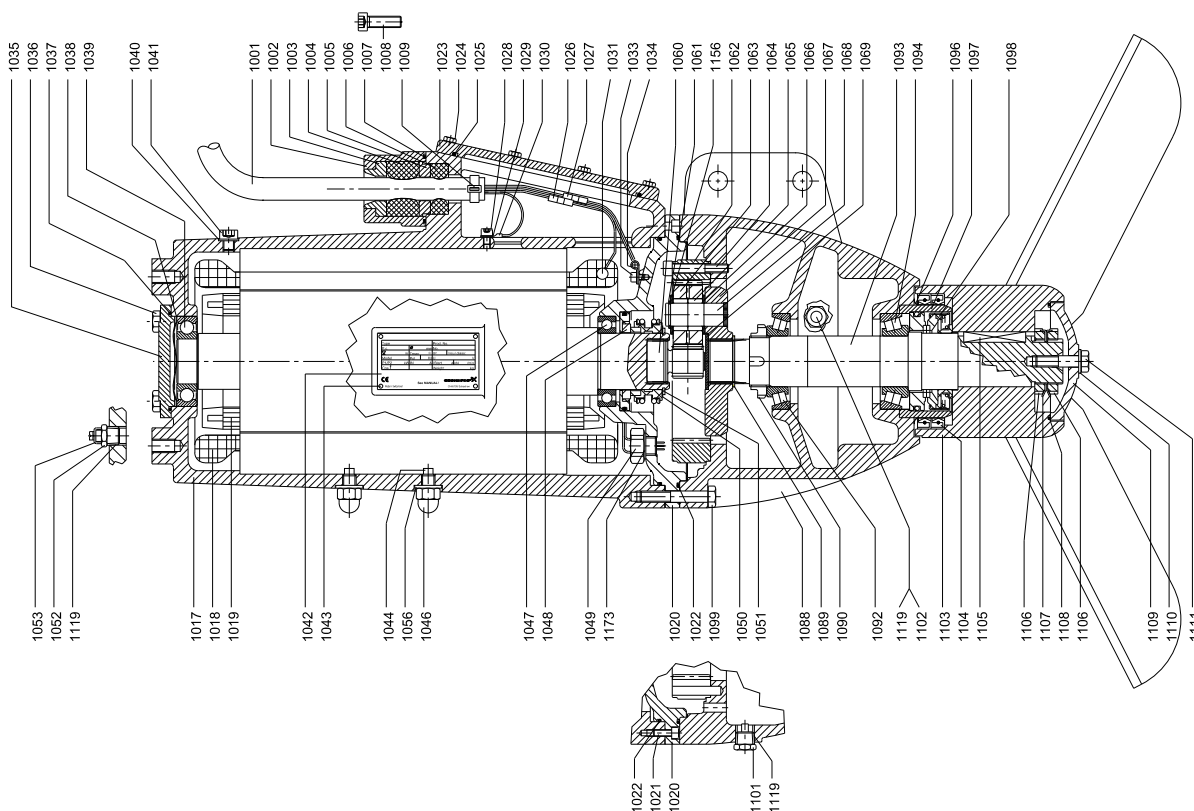
Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

AMG non-ATEX



TM03 5481 3307

AMG.55.xxx.Ex - AMG.110.xxx.Ex (50 Hz only)



TM03 5493 3307

Propeller, AISI 304 (50 Hz)

Pos.	Description	AMG.55.50*	AMG.75.58*	AMG.110.68*	AMG.55.73	AMG.75.73	AMG.110.84
		95038469	95038470	95038471	95038475	95038476	95038477
1103	Propeller 5.5 kW	1	-	-	1	-	-
1103	Propeller 7.5 kW	-	1	-	-	1	-
1103	Propeller 11 kW	-	-	1	-	-	1
1104	Lip seal	2	2	2	2	2	2
1105	Fit-in key	1	1	1	1	1	1
1106	Slotted nut	2	2	2	2	2	2
1108	O-ring	1	1	1	1	1	1
1109	Hub cover	1	1	1	1	1	1
1110	Washer	1	1	1	1	1	1
1111	Hexagon head screw	1	1	1	1	1	1

* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

Propeller, AISI 316 (50 Hz)

Pos.	Description	AMG.55.50*	AMG.75.58*	AMG.110.68*	AMG.55.73	AMG.75.73	AMG.110.84
		95038472	95038473	95038474	95038478	95038479	95038480
1103	Propeller 5.5 kW	1	-	-	1	-	-
1103	Propeller 7.5 kW	-	1	-	-	1	-
1103	Propeller 11 kW	-	-	1	-	-	1
1104	Lip seal	2	2	2	2	2	2
1105	Fit-in key	1	1	1	1	1	1
1106	Slotted nut	2	2	2	2	2	2
1108	O-ring	1	1	1	1	1	1
1109	Hub cover	1	1	1	1	1	1
1110	Washer	1	1	1	1	1	1
1111	Hexagon head screw	1	1	1	1	1	1

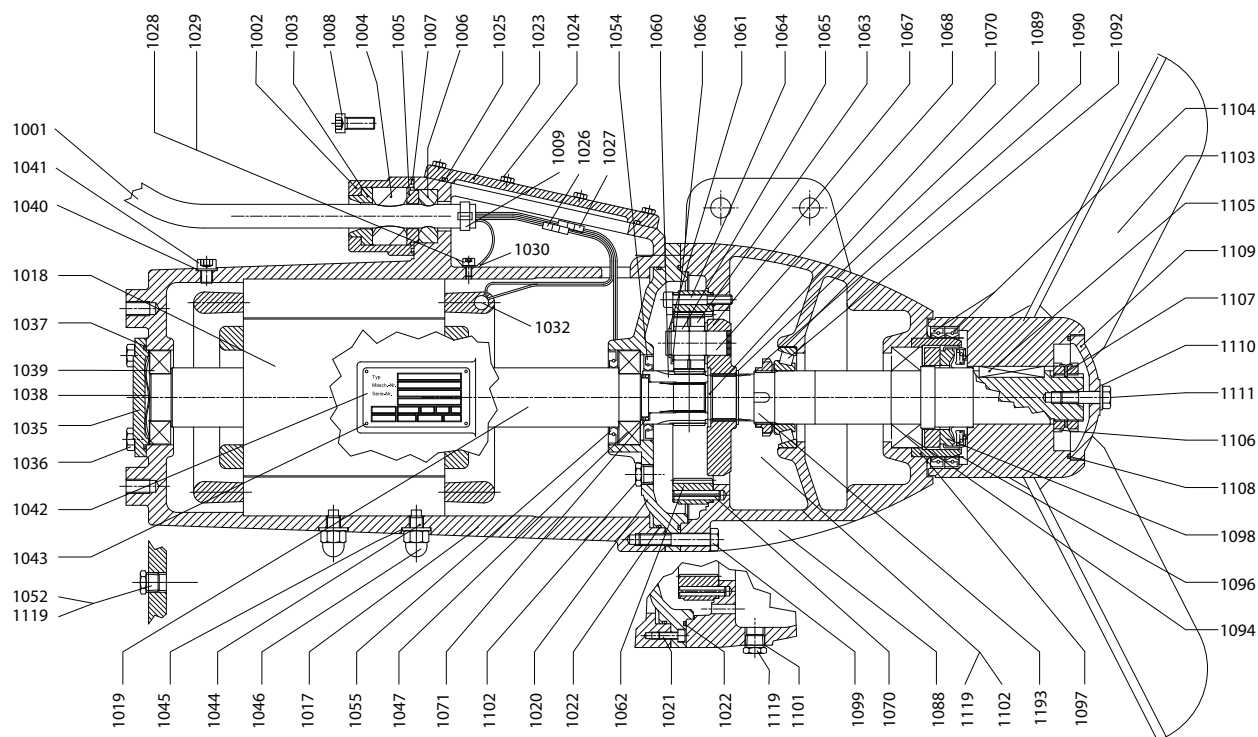
* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

Propeller, AISI 304 (60 Hz)

Pos.	Description	60 Hz SI	AMG.55.46*	AMG.75.51*	AMG.110.60*	AMG.55.60	AMG.75.68	AMG.110.73
		60 Hz US	AMG.75.18*	AMG.100.20*	AMG.150.23*	AMG.75.23	AMG.100.27	AMG.150.29
		Kit No	95038732	95038733	95038734	95038738	95038739	95038740
1103	Propeller 5.5 kW / 7.5 Hp		1	-	-	1	-	-
1103	Propeller 7.5 kW / 10 Hp		-	1	-	-	1	-
1103	Propeller 11 kW / 15 Hp		-	-	1	-	-	1
1104	Lip seal		2	2	2	2	2	2
1105	Fit-in key		1	1	1	1	1	1
1106	Slotted nut		2	2	2	2	2	2
1108	O-ring		1	1	1	1	1	1
1109	Hub cover		1	1	1	1	1	1
1110	Washer		1	1	1	1	1	1
1111	Hexagon head screw		1	1	1	1	1	1

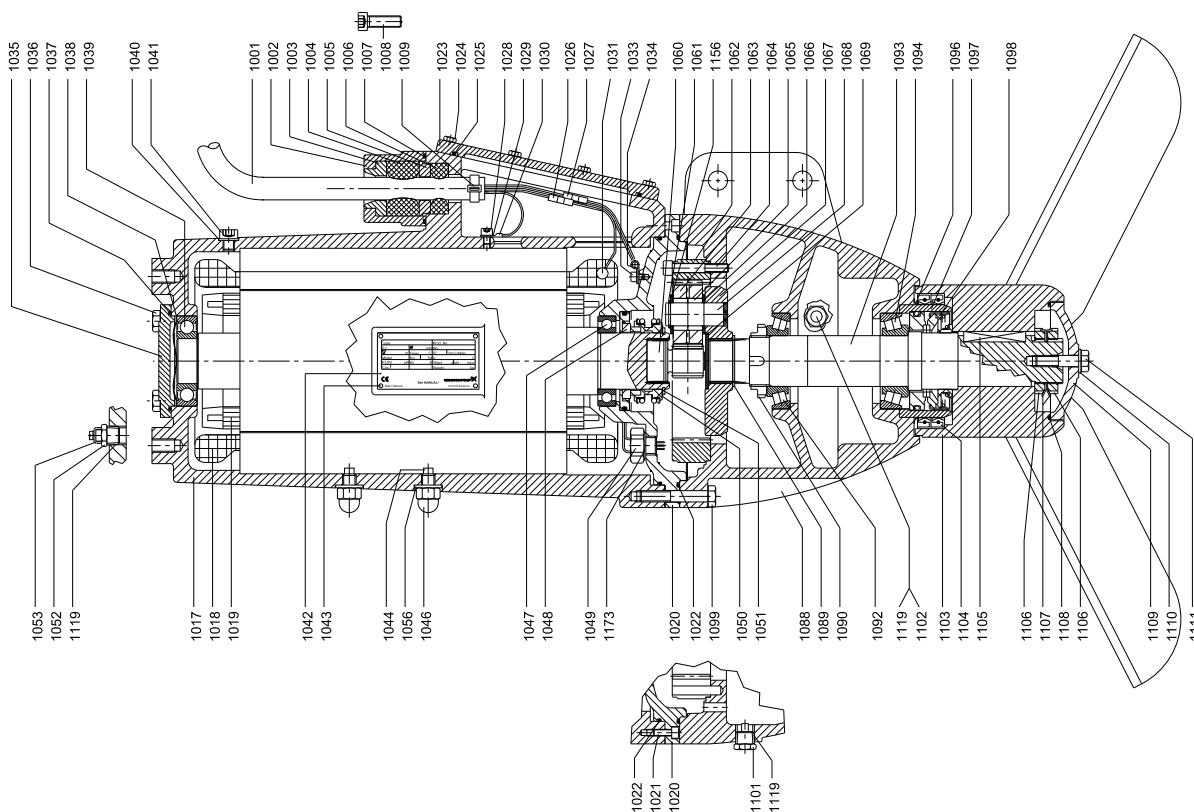
* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

AMG non-ATEX



TM03 5481 3307

AMG.55.xxx.Ex - AMG.110.xxx.Ex (50 Hz only)



TM03 5493 3307

Cable

Pos.	Description	95038486	95038487	95038488
1001	Cable	10 m / 30 ft	15 m / 50 ft	25 m / 80 ft
1026	Cable joint	6	6	6
1027	Cable joint	4	4	4
1030	Cable shoe	1	1	1

Gear

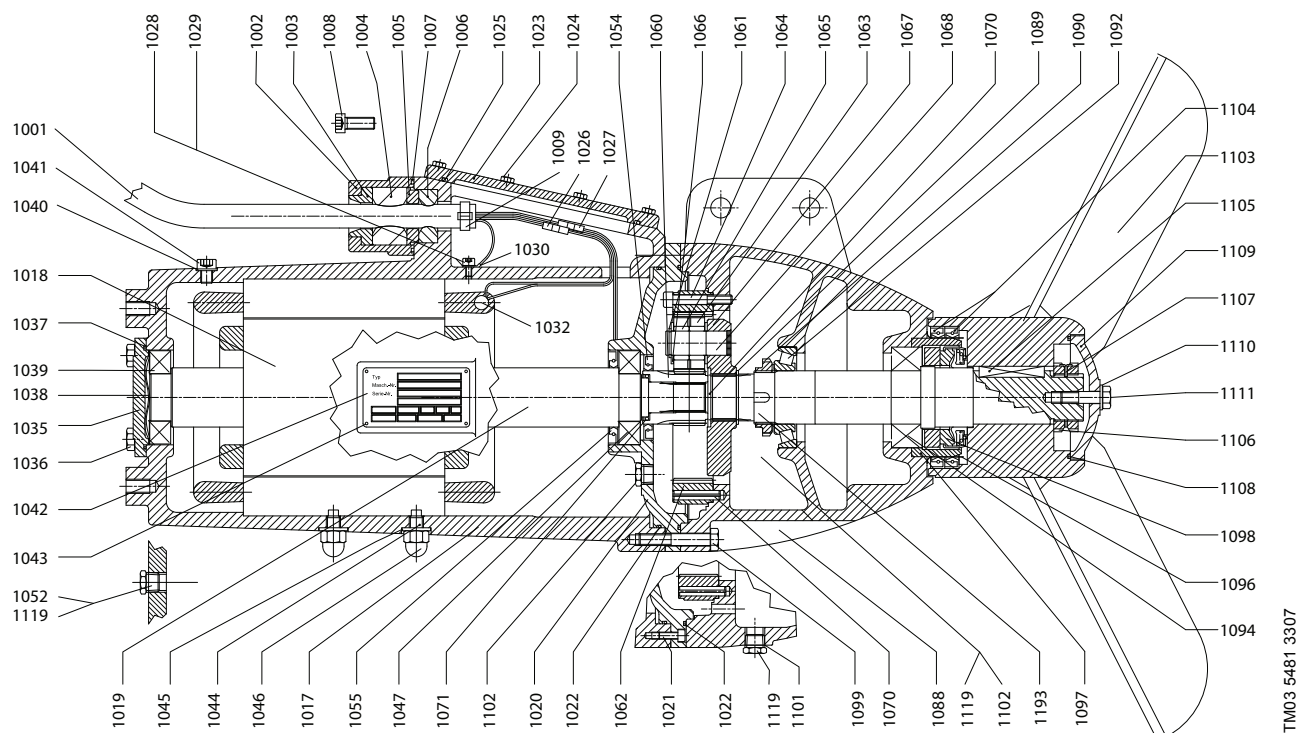
Pos.	Description	Non-Ex version	Ex version
		95065492	95065495
1060	Sun wheel	1	1
1061	Retaining ring	3	3
1062	Ring gear	1	1
1063	Planet gear	3	3
1065	Roller	114	114
1066	Washer	3	3
1067	Planet carrier	1	1
1068	Planet pin	3	3
1069	Cover	1	1
1071	O-ring	1	-
1156	Washer	3	3

Propeller, AISI 316 (60 Hz)

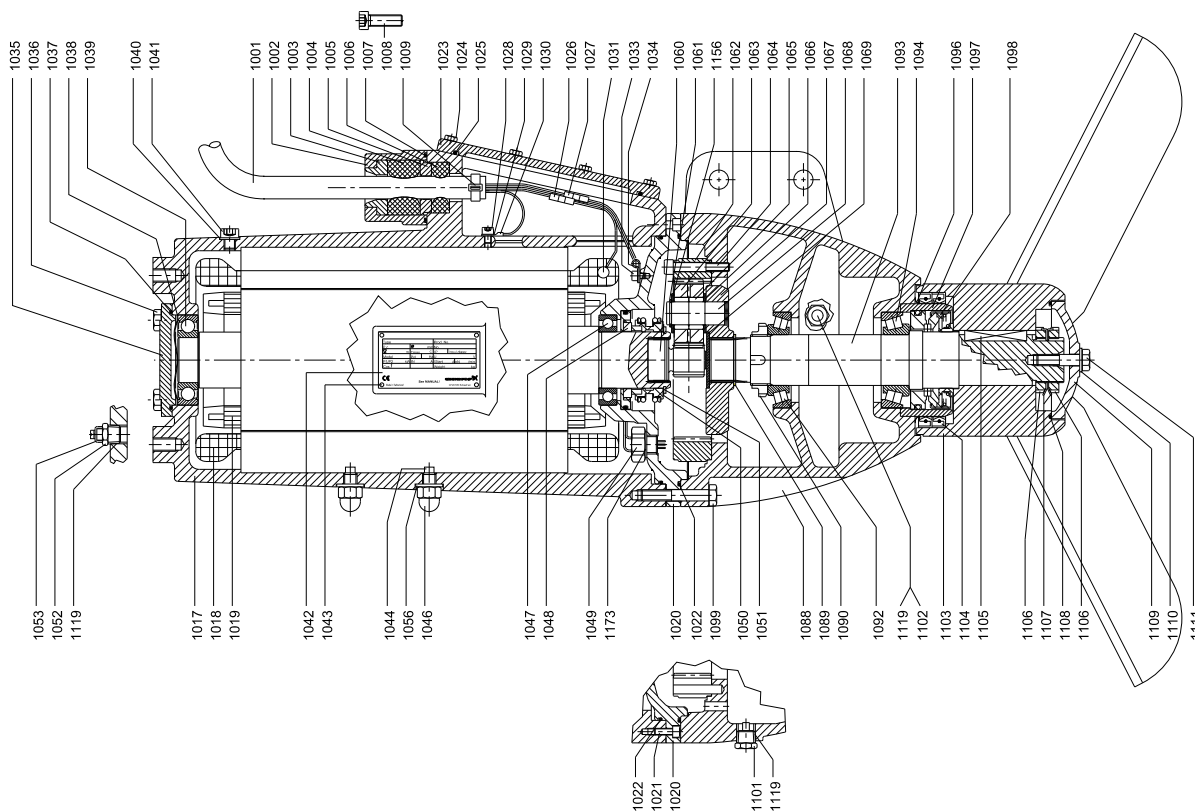
Pos.	Description	60 Hz SI	AMG.55.46*	AMG.75.51*	AMG.110.60*	AMG.55.60	AMG.75.68	AMG.110.73
		60 Hz US	AMG.75.18*	AMG.100.20*	AMG.150.23*	AMG.75.23	AMG.100.27	AMG.150.29
		Kit No	95038735	95038736	95038737	95038741	95038742	95038743
1103	Propeller 5.5 kW / 7.5 Hp		1	-	-	1	-	-
1103	Propeller 7.5 kW / 10 Hp		-	1	-	-	1	-
1103	Propeller 11 kW / 15 Hp		-	-	1	-	-	1
1104	Lip seal		2	2	2	2	2	2
1105	Fit-in key		1	1	1	1	1	1
1106	Slotted nut		2	2	2	2	2	2
1108	O-ring		1	1	1	1	1	1
1109	Hub cover		1	1	1	1	1	1
1110	Washer		1	1	1	1	1	1
1111	Hexagon head screw		1	1	1	1	1	1

* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

AMG non-ATEX



AMG.55.xxx.Ex - AMG.110.xxx.Ex (50 Hz only)



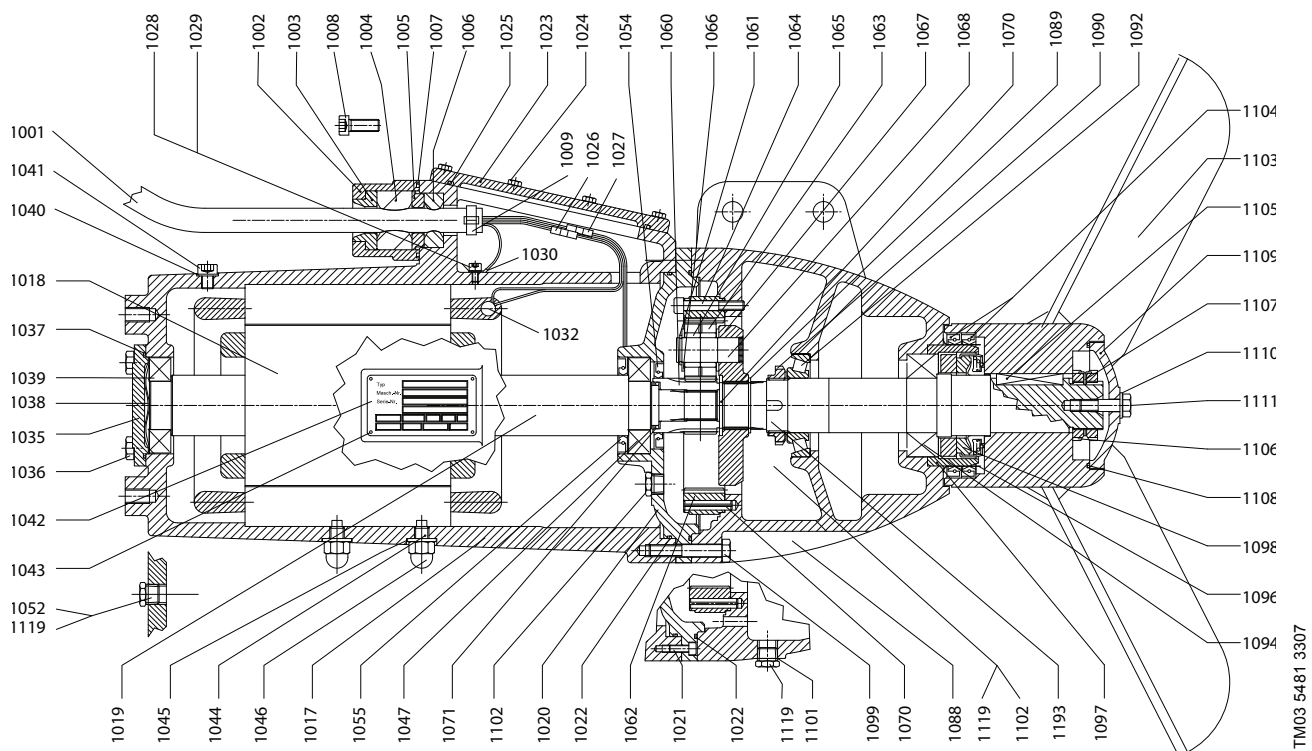
TM03 5481 3307

TM03 5493 3307

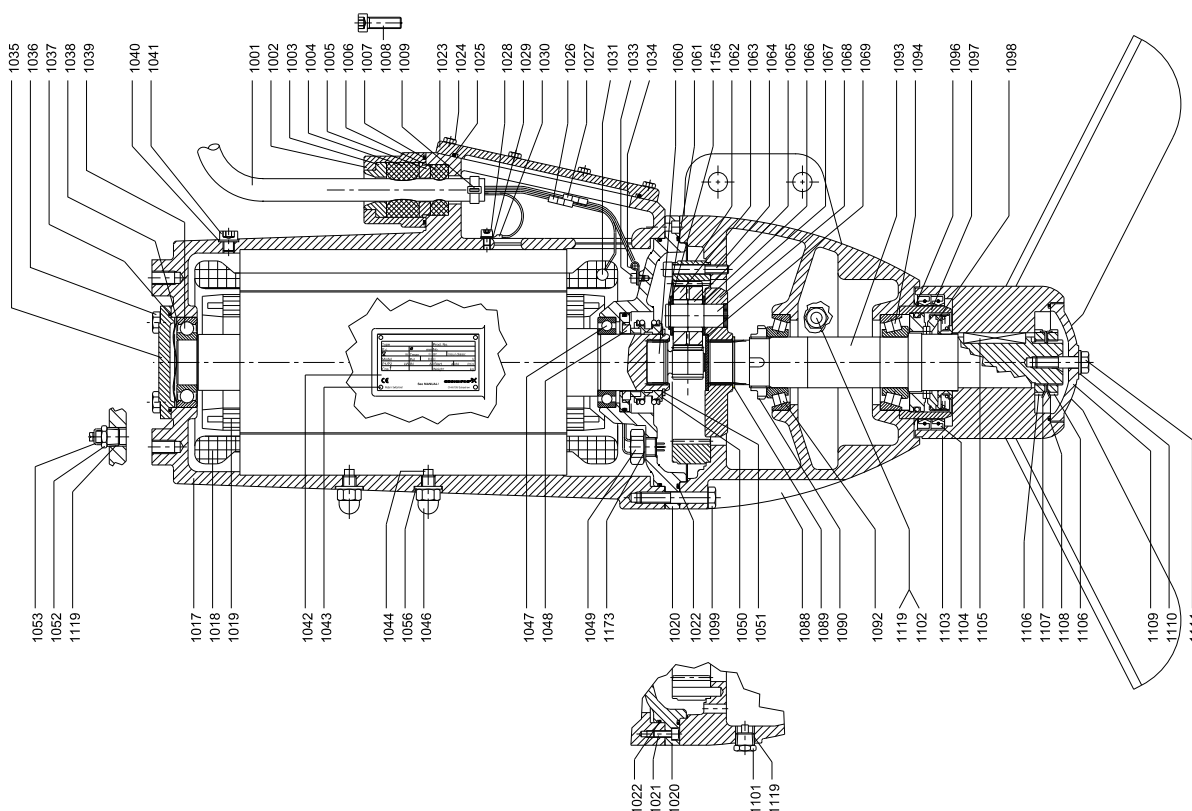
Motor

		Non-Ex version		Ex version		
Pos.	Description	50 Hz	AMG.55.xx AMG.75.xx	AMG.110.xx	AMG.55.xx.Ex AMG.75.xx.Ex	AMG.110.xx.Ex
		60 Hz SI	AMG.55.xx AMG.75.xx	AMG.110.xx	-	-
		60 Hz US	AMG.75.xx AMG.100.xx	AMG.150.xx	-	-
		Kit No	95038482	95038483	95038484	95038485
1002	Cable flange		1	1	1	1
1007	O-ring		1	1	1	1
1008	Hexagon socket head cap screw		2	2	2	2
1017	Motor housing		1	1	1	1
1018	Stator 4-pole 7.5 kW / 10 Hp		1	-	-	-
	Stator 4-pole 9.0 kW Ex		-	-	1	-
	Stator 4-pole 11.0 kW / 15 Hp		-	1	-	-
	Stator 4-pole 14.0 kW Ex		-	-	-	1
1019	Rotor with shaft 4-pole 7.5 kW / 10 Hp		1	-	-	-
	Rotor with shaft 4-pole 9.0 kW Ex		-	-	1	-
	Rotor with shaft 4-pole 11.0 kW / 15 Hp		-	1	-	-
	Rotor with shaft 4-pole 14.0 kW Ex		-	-	-	1
1020	Motor flange		1	1	1	1
1021	Hexagon socket head cap screw		3	3	3	3
1022	O-ring		2	2	2	2
1023	Terminal box cover		1	1	1	1
1024	Hexagon head screw		8	8	8	8
1025	O-ring		1	1	1	1
1028	Hexagon socket head cap screw		1	1	1	1
1029	Lock washer		1	1	1	1
1033	Hexagon socket head cap screw		1	1	1	1
1034	Cable clamp		1	1	1	1
1035	Bearing cover		1	1	1	1
1036	Hexagon head screw		4	4	4	4
1037	O-ring		1	1	1	1
1038	Compensation disc		1	1	1	1
1039	Ball bearing		1	1	-	-
	Ball bearing		-	-	1	1
1040	Washer		1	1	1	1
1041	Hexagon socket head cap screw		1	1	1	1
1044	Set screw		2	2	2	2
1046	Nut		2	2	2	2
1047	Ball bearing		1	1	-	-
	Ball bearing		-	-	1	1
1048	Mechanical shaft seal		-	-	1	1
1049	Water-in-oil sensor		1	1	1	1
1050	Shim		-	-	1	1
1051	Retaining ring		-	-	1	1
1052	Plug		1	1	1	1
1053	Connection for protective earthing		-	-	1	1
1054	Lip seal		1	1	-	-
1055	Lip seal		1	1	-	-
1056	Seal washer		2	2	2	2
1119	PTFE tape		1	1	1	1
1173	Seal washer		1	1	1	1

AMG non-ATEX



AMG.55.xxx.Ex - AMG.110.xxx.Ex (50 Hz only)



AMG.150-185 (50/60 Hz) and AMG.200-250 (60 Hz North America)**Bearing, motor**

Pos.	Description	95065474
1038	Compensation disc	1
1039	Ball bearing 6210 2RS	1
1047	Ball bearing 6210 2RS	1

Bearing, gearbox

Pos.	Description	95065475
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30212	1
1094	Tapered roller bearing 33212	1

Cable

Pos.	Description	95038520	95038521	95038522
1001	Cable	10 m / 30 ft	15 m / 50 ft	25 m / 80 ft
1026	Cable joint	6	6	6
1027	Cable joint	4	4	4
1030	Cable shoe	1	1	1

Cable entry, 4 mm²

Pos.	Description	95065473
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1008	Hexagon socket head cap screw	2
1009	Cable relief	1
1025	O-ring 139.29 x 3.53	1
1026	Cable joint	6
1027	Cable joint	4
1030	Cable shoe	1
-	Shrink tube for connections	6
-	Shrink tube for connections	4

Gear

Pos.	Description	Non-Ex version	Ex version
		95065493	95065496
1060	Sun wheel	1	1
1061	Retaining ring	3	3
1062	Ring gear	1	1
1063	Planet gear	3	3
1065	Roller	108	108
1066	Washer	3	3
1067	Planet carrier	1	1
1068	Planet pin	3	3
1069	Cover	1	1
1071	O-ring	1	-
1156	Washer	3	3

Gear casing

Pos.	Description	95038516
1088	Gear casing	1
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing	1
1093	Gear shaft	1
1094	Tapered roller bearing	1
1101	Drain plug with magnet	1
1102	Plug	2
1119	PTFE tape	1

Radial seal

Pos.	Description	95039132
1104	Lip seal	2
1108	O-ring 120.2 x 3.53	1
	O-ring 225.0 x 3.0	1
	O-ring 94.92 x 2.62	1
1110	Washer Ø13 / 24 x 1.5	1

Gasket kit

Pos.	Description	95065471
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1022	O-ring 253.59 x 3.53	2
1025	O-ring 139.29 x 3.53	1
1037	O-ring 91.67 x 3.53	1
1054	Lip seal 80 x 55 x 10	1
1055	Lip seal 90 x 58 x 10	1
1071	O-ring 37.77 x 2.62	1
1108	O-ring 120.2 x 3.53	1

Gasket kit, Ex version (50 Hz only)

Pos.	Description	95065472
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1022	O-ring 253.59 x 3.53	2
1025	O-ring 139.29 x 3.53	1
1037	O-ring 91.67 x 3.53	1
1048	Mechanical shaft seal	1
1050	Shim	1
1051	Retaining ring	1
1108	O-ring 120.2 x 3.53	1

Shaft seal

Pos.	Description	95065478
1095	Intermediate ring	1
1098	Mechanical shaft seal	1

Slotted nut

Pos.	Description	95038523
1106	Slotted nut	2
1107	Lock washer	2

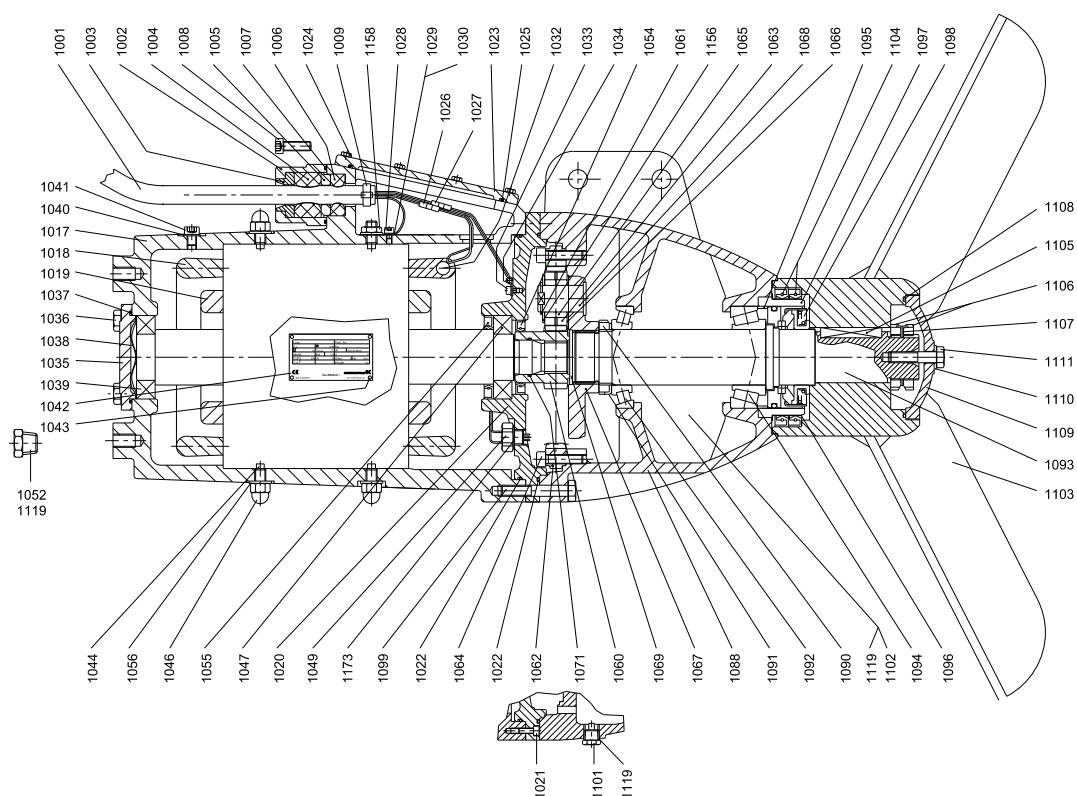
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

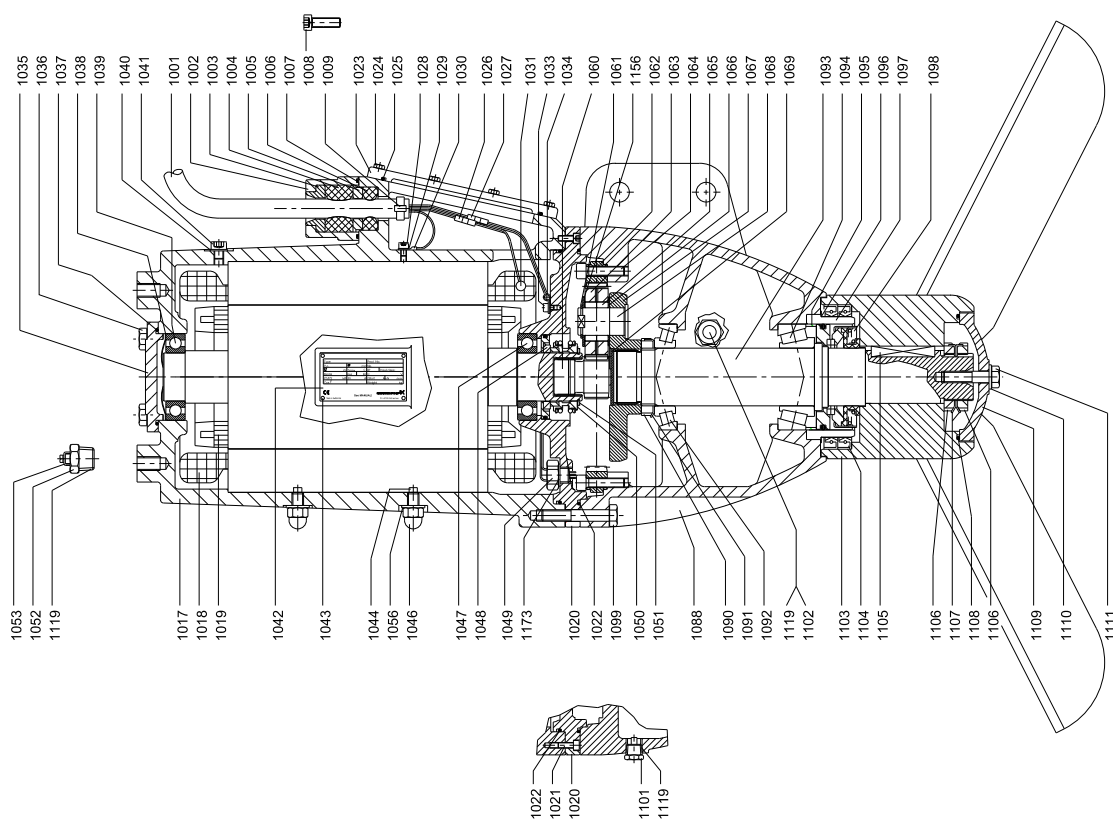
Wear ring

Pos.	Description	Standard
		95037376
1097	Wear ring ceramic	1
1104	Lip seal	2
1108	O-ring 120.2 x 3.53	1
	O-ring 225.0 x 3.0	1
	O-ring 94.92 x 2.62	1

AMG non-ATEX



AMG.150.xx.Ex - AMG.185.xx.Ex (50 Hz only)



TM03 5484 3307

TM03 5496 3307

Propeller, AISI 304 (50 Hz)

Pos.	Description	AMG.150.73*	AMG.185.78*	AMG.150.90	AMG.185.91
		95038508	95038509	95038512	95038513
1103	Propeller 15.0 kW	1	-	1	-
	Propeller 18.5 kW	-	1	-	1
1104	Lip seal	2	2	2	2
1105	Fit-in key	1	1	1	1
1106	Slotted nut	2	2	2	2
1108	O-ring	1	1	1	1
1109	Hub cover	1	1	1	1
1110	Washer	1	1	1	1
1111	Hexagon head screw	1	1	1	1

Propeller, AISI 316 (50 Hz)

Pos.	Description	AMG.150.73*	AMG.185.78*	AMG.150.90	AMG.185.91
		95038510	95038511	95038514	95038515
1103	Propeller 15.0 kW	1	-	1	-
	Propeller 18.5 kW	-	1	-	1
1104	Lip seal	2	2	2	2
1105	Fit-in key	1	1	1	1
1106	Slotted nut	2	2	2	2
1108	O-ring	1	1	1	1
1109	Hub cover	1	1	1	1
1110	Washer	1	1	1	1
1111	Hexagon head screw	1	1	1	1

Propeller, AISI 304 (60 Hz)

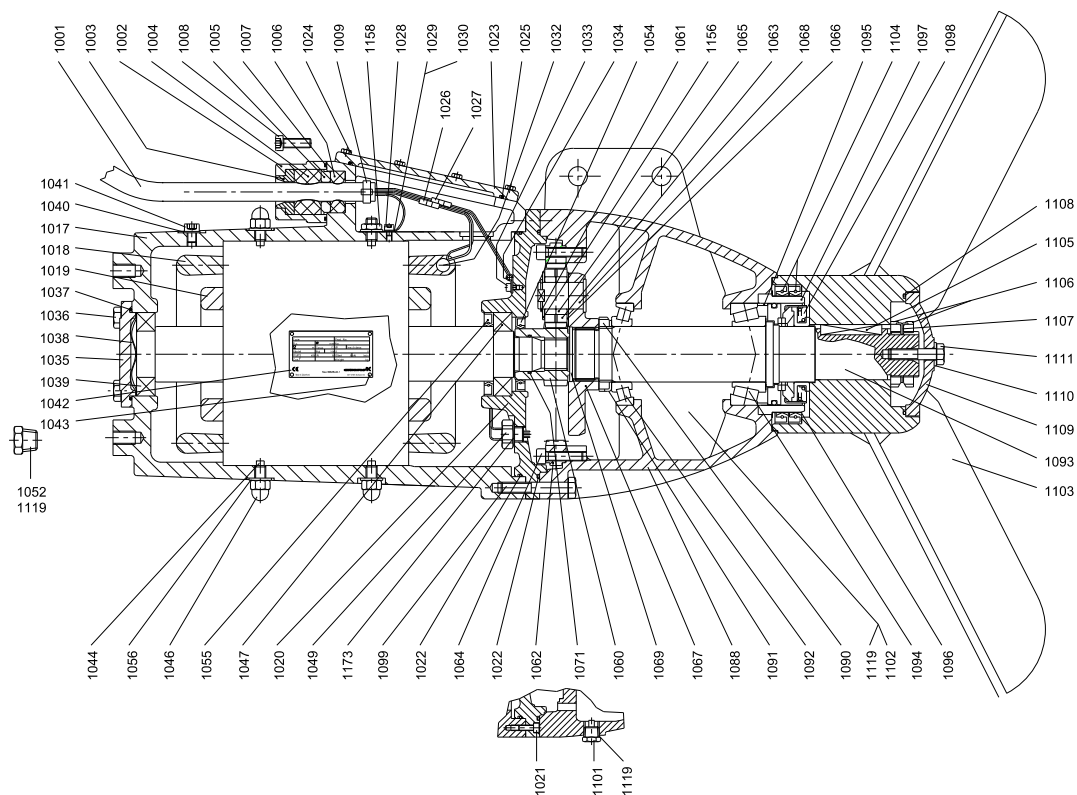
Pos.	Description	60 Hz SI	AMG.150.75	AMG.185.75
		60 Hz US	AMG.200.30	AMG.250.30
		Kit No	95038744	95038745
1103	Propeller 15.0 kW		1	-
	Propeller 18.5 kW		-	1
1104	Lip seal		2	2
1105	Fit-in key		1	1
1106	Slotted nut		2	2
1108	O-ring		1	1
1109	Hub cover		1	1
1110	Washer		1	1
1111	Hexagon head screw		1	1

Propeller, AISI 316 (60 Hz)

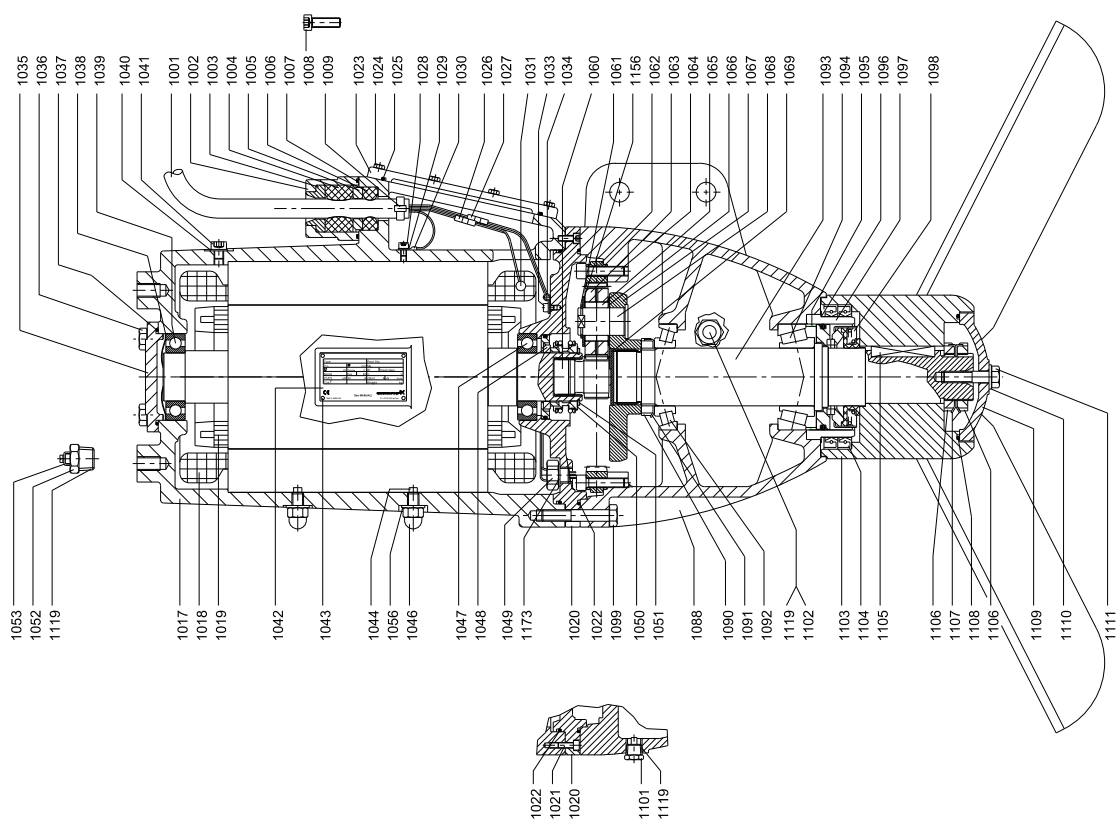
Pos.	Description	60 Hz SI	AMG.150.75	AMG.185.75
		60 Hz US	AMG.200.30	AMG.250.30
		Kit No	95038746	95038747
1103	Propeller 15.0 kW		1	-
	Propeller 18.5 kW		-	1
1104	Lip seal		2	2
1105	Fit-in key		1	1
1106	Slotted nut		2	2
1108	O-ring		1	1
1109	Hub cover		1	1
1110	Washer		1	1
1111	Hexagon head screw		1	1

* Old version. Can be updated to the new version with higher efficiency by ordering the kit for the corresponding new version.

AMG non-ATEX



AMG.150.xx.Ex - AMG.185.xx.Ex (50 Hz only)



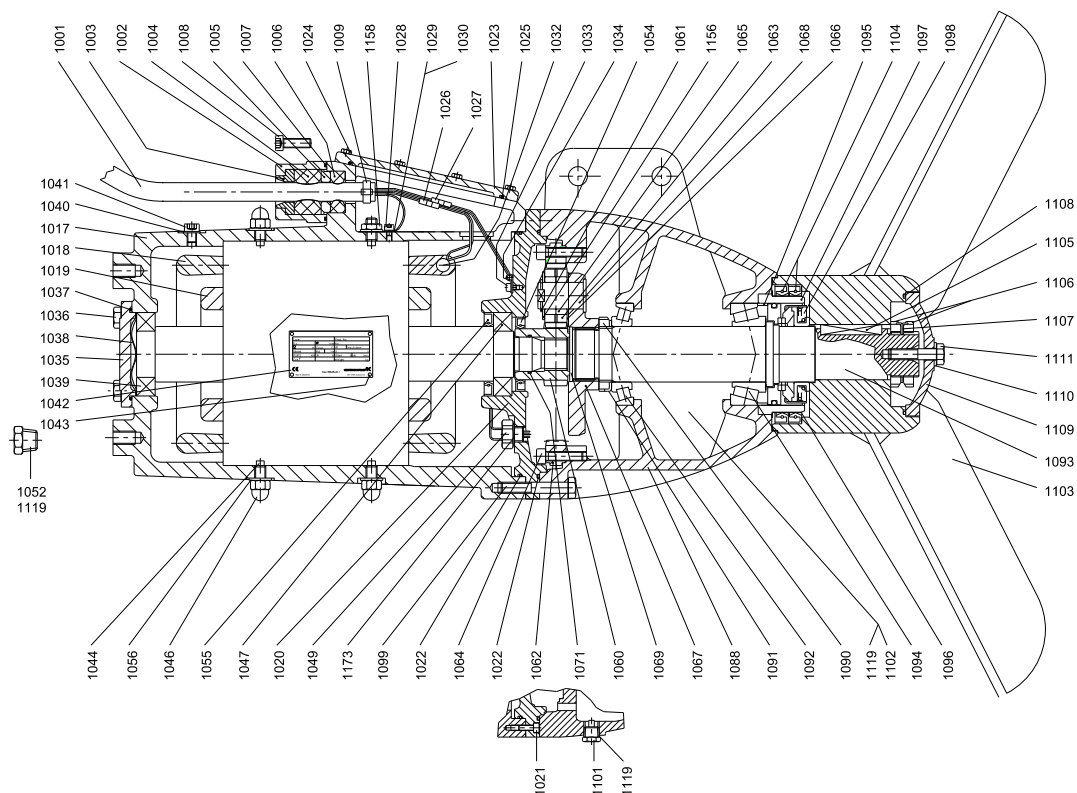
TM03 5484 3307

TM03 5496 3307

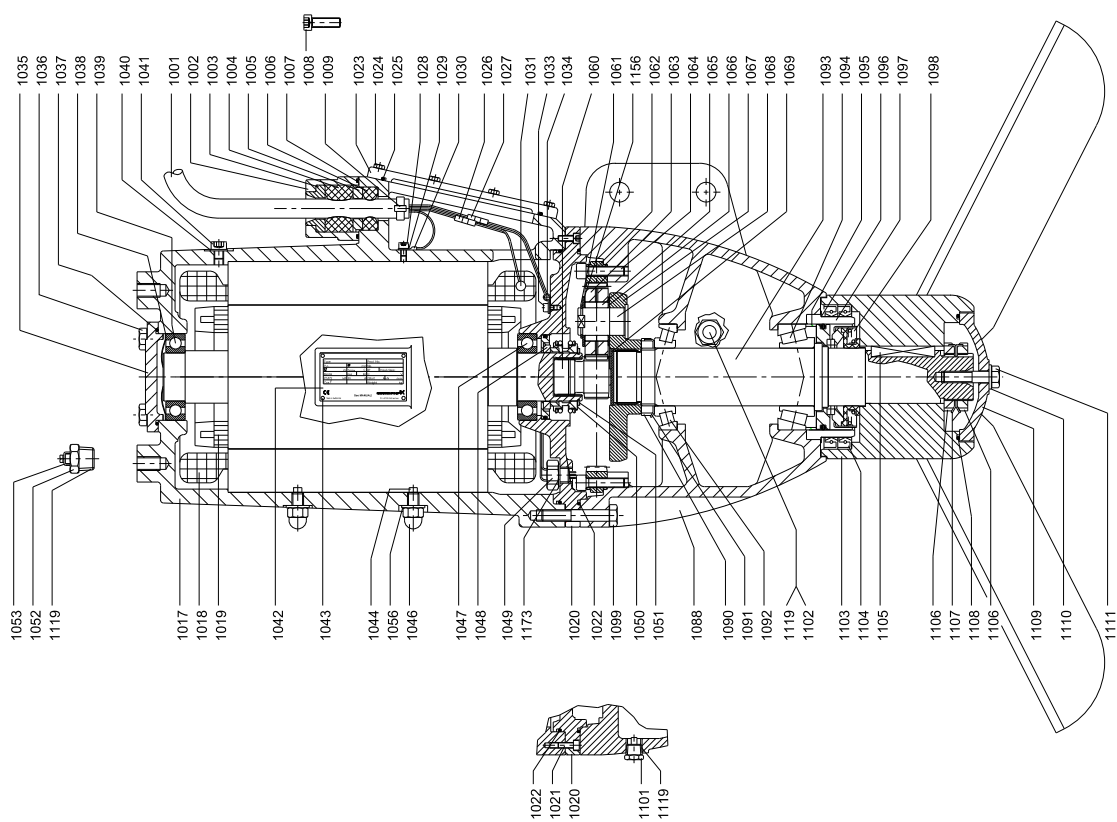
Motor

Pos.	Description	Non-Ex version		Ex version	
		50 Hz	AMG.150.xx AMG.185.xx	AMG.150.xx.Ex	AMG.xx.185.Ex
		60 Hz SI	AMG.150.xx AMG.185.xx	-	-
		60 Hz US	AMG.200.xx AMG.250.xx	-	-
		Kit No	95038517	95038518	95038519
1002	Cable flange		1	1	1
1007	O-ring		1	1	1
1008	Hexagon socket head cap screw		2	2	2
1017	Motor housing		1	1	1
1018	Stator 4-pole 18.5 kW / 25 Hp		1	-	-
	Stator 4-pole 18.0 kW Ex		-	1	-
	Stator 4-pole 22.0 kW Ex		-	-	1
1019	Rotor with shaft 4-pole 18.5 kW / 25 Hp		1	-	-
	Rotor with shaft 4-pole 18.0 kW Ex		-	1	-
	Rotor with shaft 4-pole 24.0 kW Ex		-	-	1
1020	Motor flange		1	1	1
1021	Hexagon socket head cap screw		6	6	6
1022	O-ring		2	2	2
1023	Terminal box cover		1	1	1
1024	Hexagon head screw		8	8	8
1025	O-ring		1	1	1
1028	Hexagon socket head cap screw		1	1	1
1029	Lock washer		1	1	1
1033	Hexagon socket head cap screw		1	1	1
1034	Cable clamp		1	1	1
1035	Bearing cover		1	1	1
1036	Hexagon head screw		4	4	4
1037	O-ring		1	1	1
1038	Compensation disc		1	1	1
1039	Ball bearing		1	-	-
	Ball bearing		-	1	1
1040	Washer		1	1	1
1041	Hexagon socket head cap screw		1	1	1
1044	Set screw		4	2	2
1046	Nut		3	2	2
1047	Ball bearing		1	-	-
	Ball bearing		-	1	1
1048	Mechanical shaft seal		-	1	1
1049	Water-in-oil sensor		1	1	1
1050	Shim		-	1	1
1051	Retaining ring		-	1	1
1052	Plug		1	1	1
1053	Connection for protective earthing		-	1	1
1054	Lip seal		1	-	-
1055	Lip seal		1	-	-
1056	Seal washer		4	2	2
1119	PTFE tape		1	1	1
1158	Nut		1	-	-
1173	Seal washer		1	1	1

AMG non-ATEX



AMG.150.xx.Ex - AMG.185.xx.Ex (50 Hz only)



TM03 5484 3307

TM03 5496 3307

AFG

AFG.xx.130.xx (50/60 Hz) and AFG.xx.51.xx (60 Hz North America)

Bearing, motor

Pos.	Description	95065458
1038	Compensation disc	1
1039	Ball bearing 6206 2RS	1
1047	Ball bearing 6207 2RS	1

Bearing, gearbox

Pos.	Description	95065459
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30207	1
1094	Tapered roller bearing 30207	1

Cable entry, 1.5 mm²

Pos.	Description	95065457
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1008	Hexagon socket head cap screw	2
1009	Cable relief	1
1025	O-ring 113.97 x 2.62	1
1026	Cable joint	6
1027	Cable joint	4
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear casing

Pos.	Description	95038404
1088	Gear casing	1
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing	1
1093	Gear shaft	1
1094	Tapered roller bearing	1
1101	Drain plug with magnet	1
1102	Plug	2
1119	PTFE tape	1
1164	Retaining ring	1

Radial seal

Pos.	Description	95039130
1104	Lip seal	2
1108	O-ring 85.0 x 2.5	1
	O-ring 105.0 x 3.0	1
	O-ring 184.0 x 3.0	1
1110	Washer Ø8.4 / 16 x 1.6	1
1157	Gasket 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065479
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1022	O-ring 158.42 x 2.62	3
1025	O-ring 113.97 x 2.62	1
1037	O-ring 63.22 x 1.78	1
1054	Lip seal 62 x 32 x 8	1
1055	Lip seal 72 x 40 x 7	1
1071	O-ring 21.95 x 1.78	1
1157	Gasket 96 x 75 x 2	1

Gasket kit, Ex version (50 Hz Only)

Pos.	Description	95065480
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1022	O-ring 158.42 x 2.62	3
1025	O-ring 113.97 x 2.62	1
1037	O-ring 56.82 x 2.62	1
1048	Mechanical shaft seal	1
1050	Shim	1
1051	Retaining ring	1
1157	Gasket 96 x 75 x 2	1

Shaft seal

Pos.	Description	95065462
1095	Intermediate ring	1
1098	Mechanical shaft seal	1

Slotted nut

Pos.	Description	95038413
1106	Slotted nut	2
1107	Lock washer	2

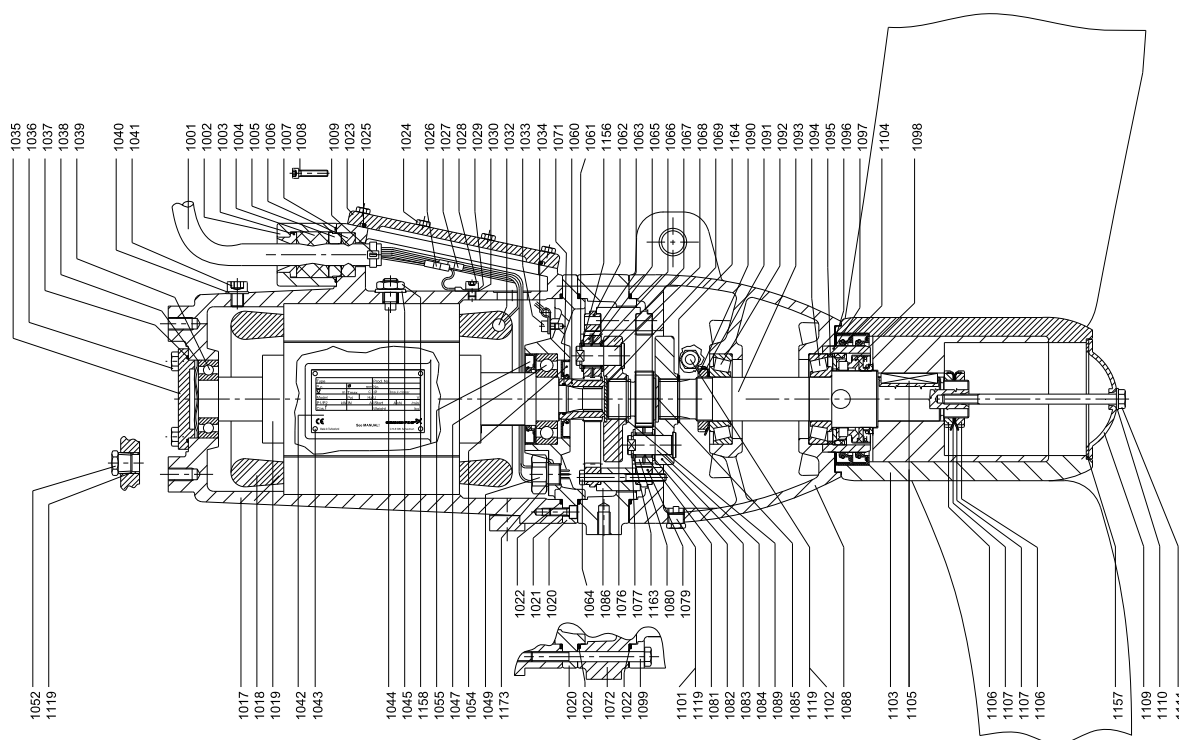
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

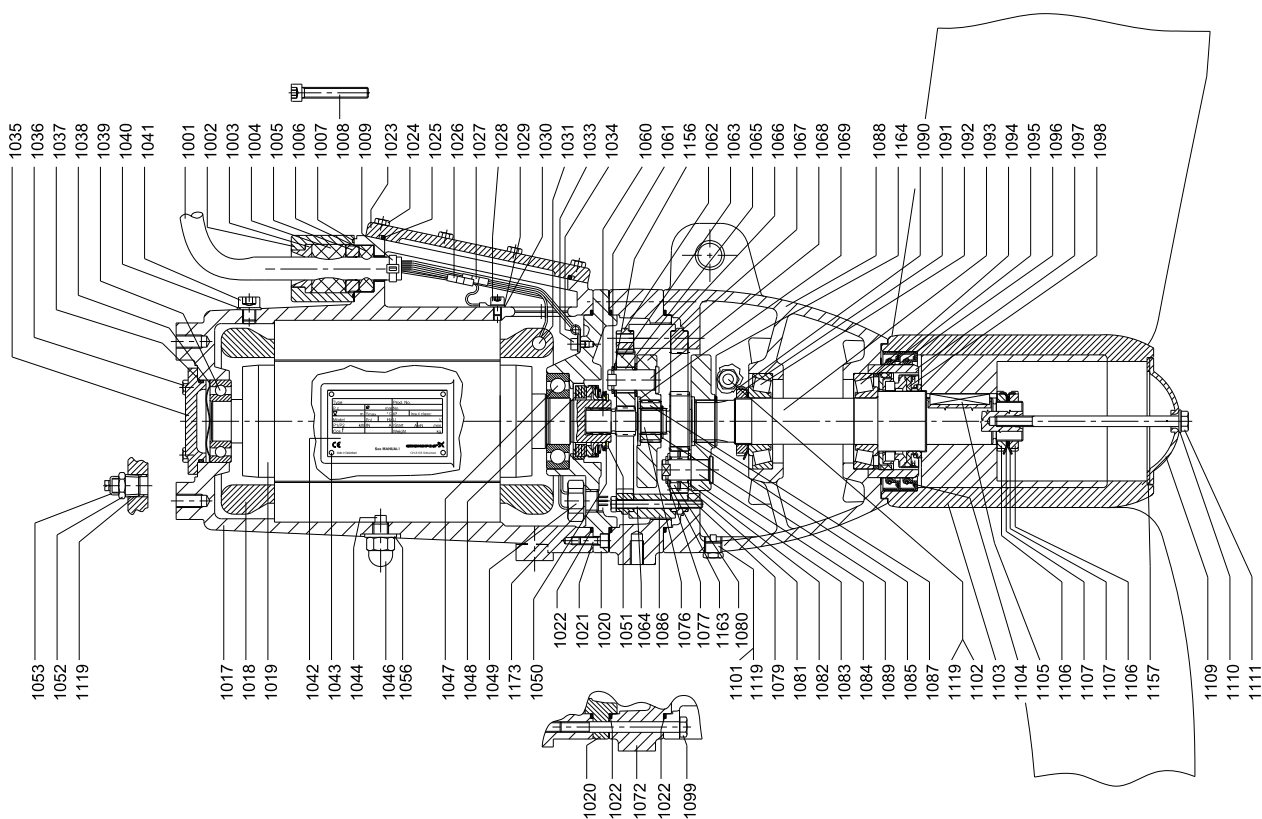
Pos.	Description	Standard 95037374
1097	Wear ring ceramic	1
1104	Lip seal 105 x 85 x 13	2
	O-ring 85.0 x 2.5	1
1108	O-ring 105.0 x 3.0	1
	O-ring 184.0 x 3.0	1
1157	Gasket 96 x 75 x 2	1

AFG non-ATEX



TM03 5480 3307

AFG.xx.130.xx.Ex (50 Hz only)



TM03 5492 3307

Cable

Pos.	Description	95038410	95038411	95038412
1001	Cable	10 m / 30 ft	15 m / 50 ft	25 m / 80 ft
1026	Cable joint	6	6	6
1027	Cable joint	4	4	4
1030	Cable shoe	1	1	1

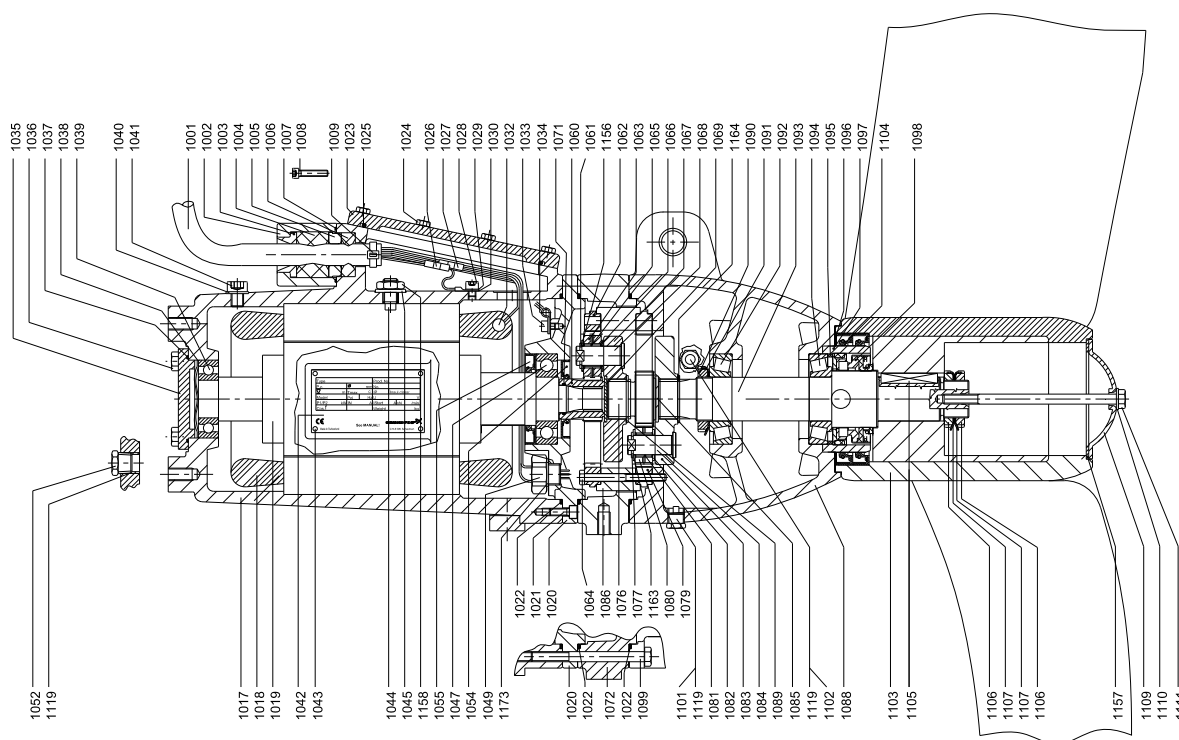
Gear

Pos.	Description	Non-Ex version					Ex version (50 Hz only)					
		50 Hz	All	AFG.11.130	AFG.15.130 AFG.22.130	AFG.30.130 AFG.40.130	AFG.08.130	All	AFG.15.130 AFG.22.130	AFG.30.130 AFG.40.130		
		60 Hz SI		AFG.30.130 AFG.40.130	-	AFG.14.130 AFG.18.130	-					
		60 Hz US		AFG.40.51 AFG.55.51	-	AFG.19.51 AFG.24.51	-					
				Step 1	Step 2	Step 2	Step 2		Step 2	Step 1	Step 2	Step 2
		Kit No		95065491	95038770	95038554	95038555		95038748	95065494	95038554	95038555
1060	Sun wheel	1	-	-	-	-	1	-	-			
1061	Retaining ring	3	-	-	-	-	3	-	-			
1062	Ring gear	1	-	-	-	-	1	-	-			
1063	Planet gear	3	-	-	-	-	3	-	-			
1065	Roller	81	-	-	-	-	81	-	-			
1066	Washer	3	-	-	-	-	3	-	-			
1067	Planet carrier	1	-	-	-	-	1	-	-			
1068	Planet pin	3	-	-	-	-	3	-	-			
1069	Cover	1	-	-	-	-	1	-	-			
1071	O-ring	1	-	-	-	-	-	-	-			
1076	Sun wheel i = 4.83	-	1	-	-	-	-	-	-			
	Sun wheel i = 4.28	-	-	1	-	-	-	1	-			
	Sun wheel i = 3.55	-	-	-	1	-	-	-	1			
	Sun wheel i = 5.6	-	-	-	-	1	-	-	-			
1077	Retaining ring A15	-	3	3	3	3	-	3	3			
1079	Ring gear Z=69	-	1	1	1	1	-	1	1			
1080	Planet gear i = 4.83	-	3	-	-	-	-	-	-			
	Planet gear i = 4.28	-	-	3	-	-	-	3	-			
	Planet gear i = 3.55	-	-	-	3	-	-	-	3			
	Planet gear i = 5.6	-	-	-	-	3	-	-	-			
1081	Roller	-	81	81	81	81	-	81	81			
1082	Washer	-	3	3	3	3	-	3	3			
1083	Planet carrier i= 4.83	-	1	-	-	-	-	-	-			
	Planet carrier i = 4.28	-	-	1	-	-	-	1	-			
	Planet carrier i = 3.55	-	-	-	1	-	-	-	1			
	Planet carrier i=5.6	-	-	-	-	1	-	-	-			
1084	Planet pin	-	3	3	3	3	-	3	3			
1085	Cover	-	1	1	1	1	-	1	1			
1087	Gear coupling	-	1	-	-	1	-	1	1			
1089	Retaining ring A32	-	1	1	1	1	-	1	1			
1156	Washer	3	-	-	-	-	3	-	-			
1163	Washer	-	3	3	3	3	-	3	3			

Propeller

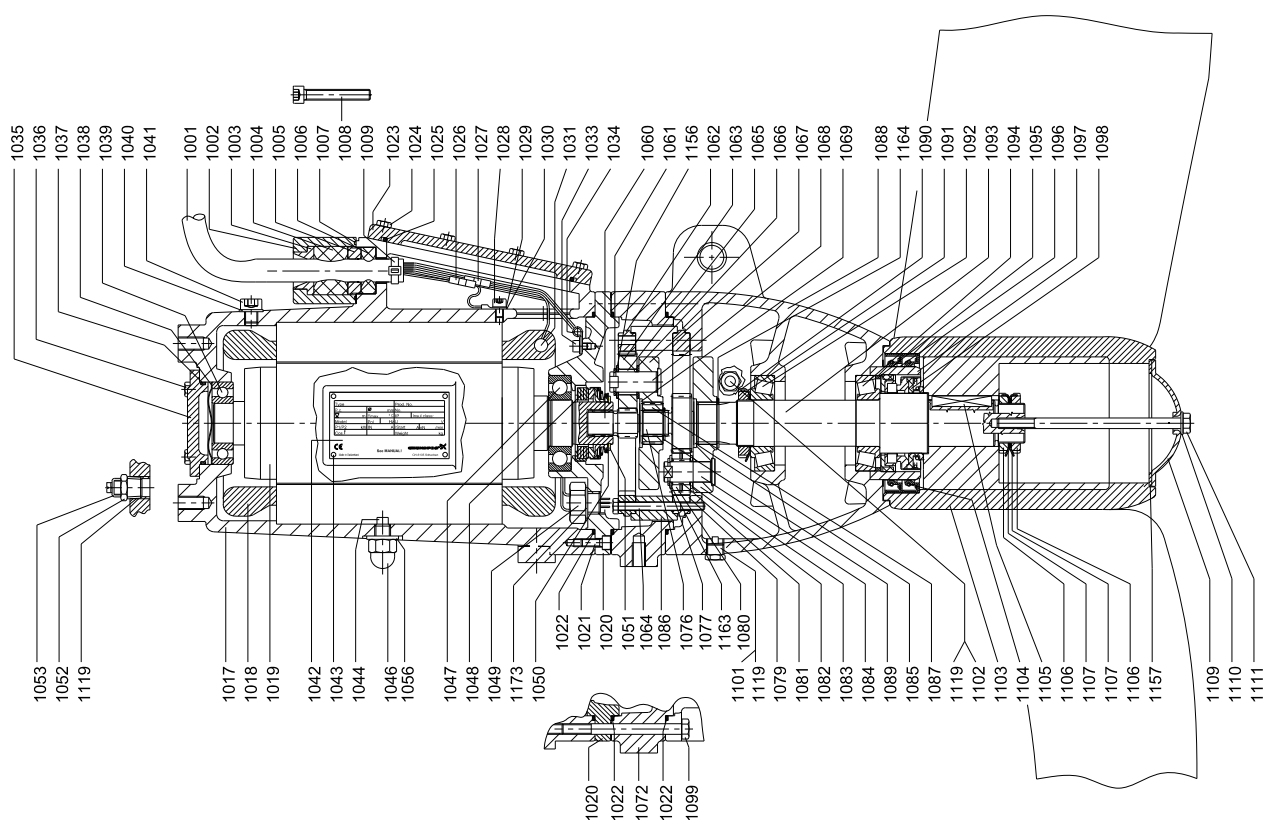
Pos.	Description	50 Hz	AFG.08.130	AFG.22.130	AFG.30.130	AFG.40.130
			AFG.11.130			
			AFG.15.130			
		60 Hz SI	AFG.14.130		AFG.30.130	AFG.40.130
		60 Hz US	AFG.19.51	AFG.24.51	AFG.40.51	AFG.55.51
		Kit No	95038541	95038542	95038543	95038544
1103	Propeller		1	1	1	1
1104	Lip seal		2	2	2	2
1105	Fit-in key		1	1	1	1
1106	Slotted nut		2	2	2	2
1109	Hub cover		1	1	1	1
1110	Washer		1	1	1	1
1111	Hexagon head screw		1	1	1	1
1157	Gasket		1	1	1	1

AFG non-ATEX



TM03 5480 3307

AFG.xx.130.xx.Ex (50 Hz only)

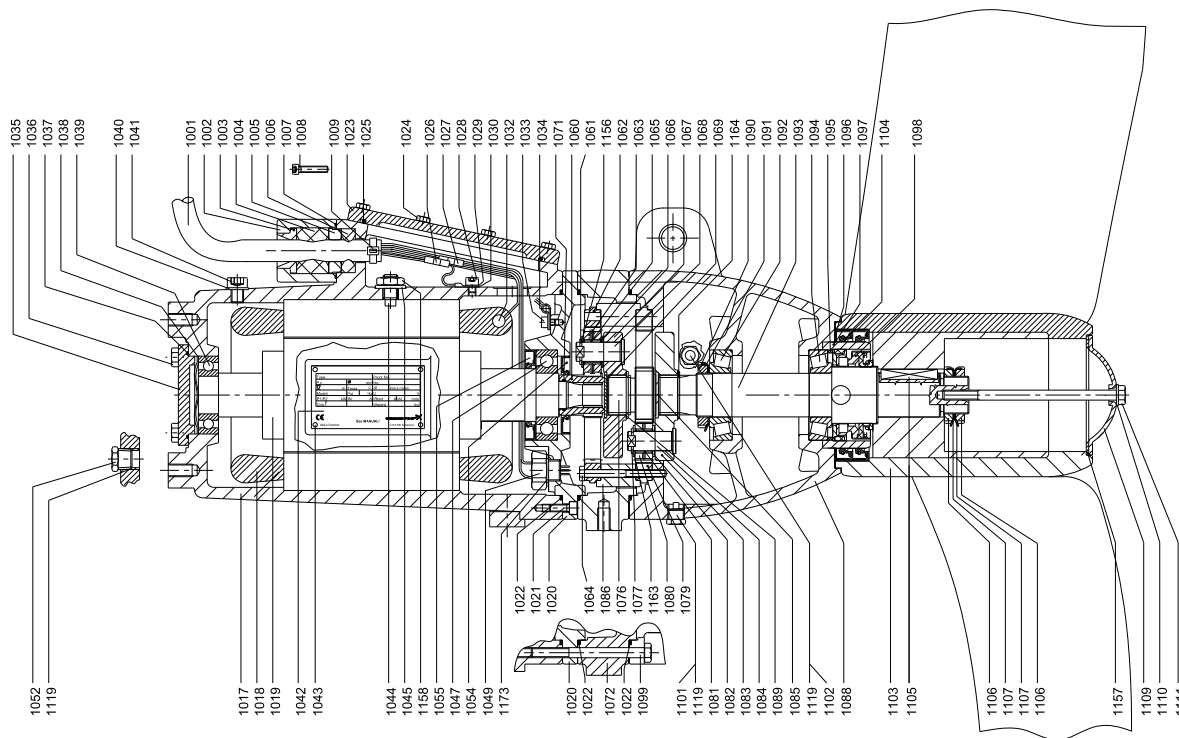


TM03 5492 3307

Motor

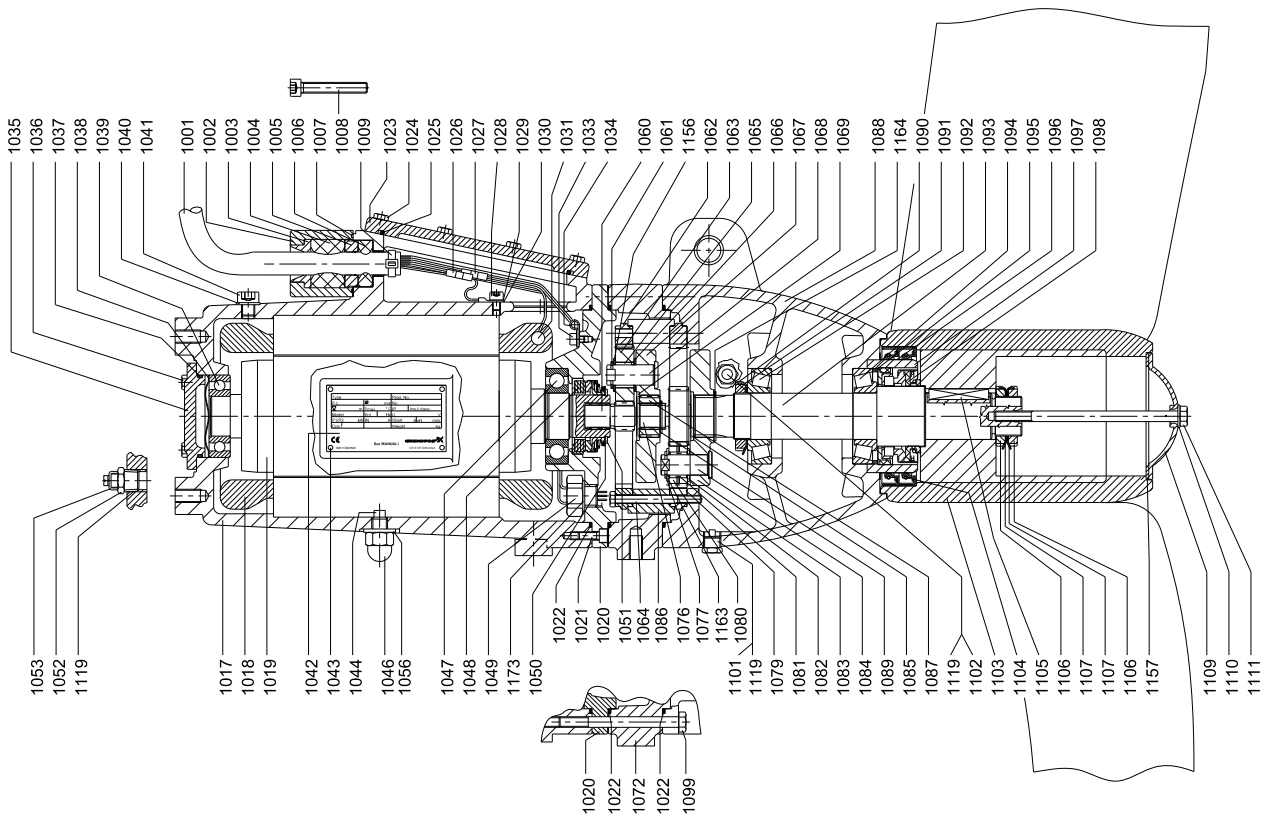
Pos.	Description	Non-Ex version			Ex version (50 Hz only)		
		50 Hz	AFG.08.130 AFG.11.130 AFG.15.130 AFG.22.130	AFG.30.130 AFG.40.130	AFG.15.130 AFG.22.130	AFG.30.130 AFG.40.130	
			60 Hz SI	AFG.14.130 AFG.18.130	AFG.30.130 AFG.40.130	-	-
			60 Hz US	AFG.19.51 AFG.24.51	AFG.40.51 AFG.55.51	-	-
			Kit No	95038405	95038406	95038407	95038408
1002	Cable flange	1	1	1	1		
1007	O-ring	1	1	1	1		
1008	Hexagon socket head cap screw	2	2	2	2		
1017	Motor housing	1	1	1	1		
1018	Stator 4-pole	1	1	1	1		
1019	Rotor with shaft 4-pole	1	1	1	1		
1020	Motor flange	1	1	1	1		
1021	Hexagon socket head cap screw	3	3	3	3		
1022	O-ring	2	2	2	2		
1023	Terminal box cover	1	1	1	1		
1024	Hexagon head screw	8	8	8	8		
1025	O-ring	1	1	1	1		
1028	Hexagon socket head cap screw	1	1	1	1		
1029	Lock washer	1	1	1	1		
1033	Hexagon socket head cap screw	1	1	1	1		
1034	Cable clamp	1	1	1	1		
1035	Bearing cover	1	1	1	1		
1036	Hexagon head screw	4	4	4	4		
1037	O-ring	1	1	1	1		
1038	Compensation disc	1	1	1	1		
1039	Ball bearing	1	1	-	-		
	Ball bearing	-	-	1	1		
1040	Washer	1	1	1	1		
1041	Hexagon socket head cap screw	1	1	1	1		
1044	Set screw	1	1	1	1		
1045	Spring washer	1	1	-	1		
1046	Nut	-	-	1	1		
1047	Ball bearing	1	1	-	-		
	Ball bearing	-	-	1	1		
1048	Mechanical shaft seal	-	-	1	1		
1049	Water-in-oil sensor	1	1	1	1		
1050	Shim	-	-	1	1		
1051	Retaining ring	-	-	1	1		
1052	Plug	1	1	1	1		
1053	Connection for protective earthing	-	-	1	1		
1054	Lip seal	1	1	-	-		
1055	Lip seal	1	1	-	-		
1056	Seal washer	-	-	1	1		
1119	PTFE tape	1	1	1	1		
1158	Nut	1	1	-	-		
1173	Seal washer	1	1	1	1		

AFG non-ATEX



TM03 5480 3307

AFG.xx.130.xx.Ex (50 Hz only)



TM03 5492 3307

AFG.xx.180.xx (50/60 Hz) and AFG.xx.71.xx (60 Hz North America)**Bearing, motor**

Pos.	Description	95065458
1038	Compensation disc	1
1039	Ball bearing 6206 2RS	1
1047	Ball bearing 6207 2RS	1

Bearing, gearbox

Pos.	Description	95065467
1090	Slotted nut; elastic stop	1
1092	Tapered roller bearing 30209	1
1094	Tapered roller bearing 32209	1

Cable entry, 1.5 mm²

Pos.	Description	95065457
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1008	Hexagon socket head cap screw	2
1009	Cable relief	1
1025	O-ring 113.97 x 2.62	1
1026	Cable joint	6
1027	Cable joint	4
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear casing

Pos.	Description	95038481
1088	Gear casing	1
1089	Retaining ring	1
1090	Slotted nut; elastic stop	1
1092	Tapered roller bearing	1
1093	Gear shaft	1
1094	Tapered roller bearing	1
1101	Drain plug with magnet	1
1102	Plug	2
1119	PTFE tape	1

Radial seal

Pos.	Description	95039131
1104	Lip seal 120 x 100 x 12	2
	O-ring 94.92 x 2.62	1
1108	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer Ø10.5 / 20 x 2	1
1157	Gasket 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065482
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 63.22 x 1.78	1
1054	Lip seal 62 x 32 x 8	1
1055	Lip seal 72 x 40 x 7	1
1071	O-ring 21.95 x 1.78	1
1073	O-ring 215.57 x 2.62	1
1157	Gasket 96 x 75 x 2	1

Gasket kit, Ex version (50 Hz only)

Pos.	Description	95065483
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 56.82 x 2.62	1
1048	Mechanical shaft seal	1
1050	Shim	1
1051	Retaining ring	1
1073	O-ring 215.57 x 2.62	1
1157	Gasket 96 x 75 x 2	1

Shaft seal

Pos.	Description	95065470
1098	Mechanical shaft seal	1

Slotted nut

Pos.	Description	95038489
1106	Slotted nut	2
1107	Lock washer	2

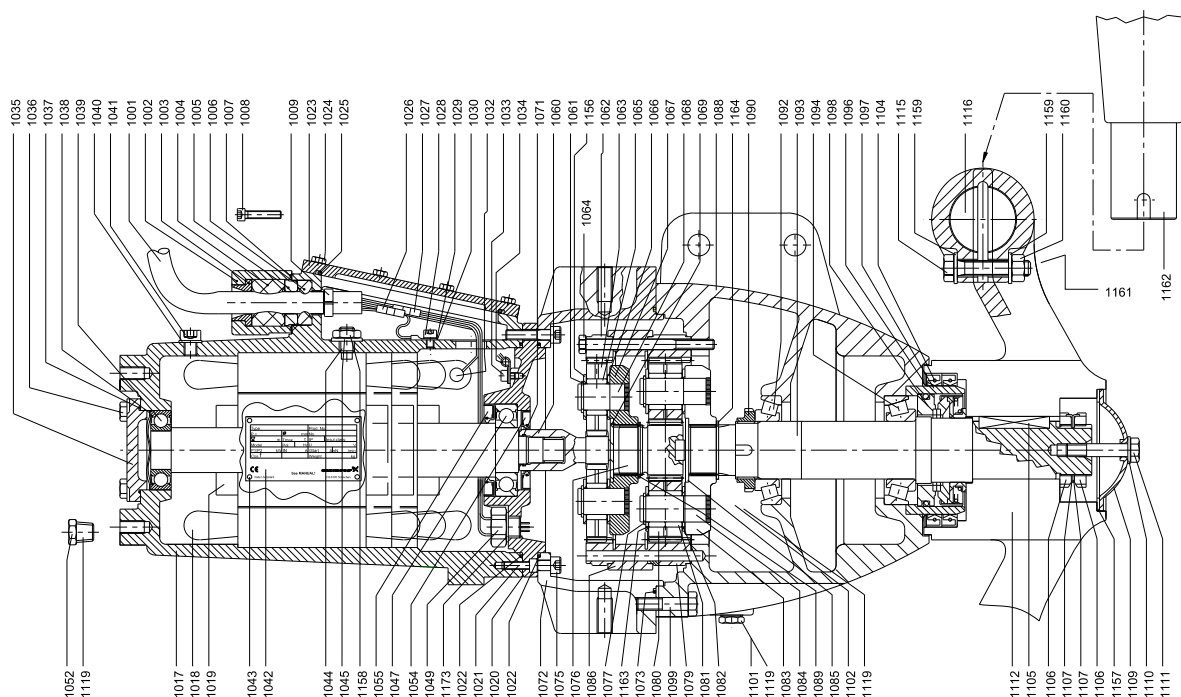
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

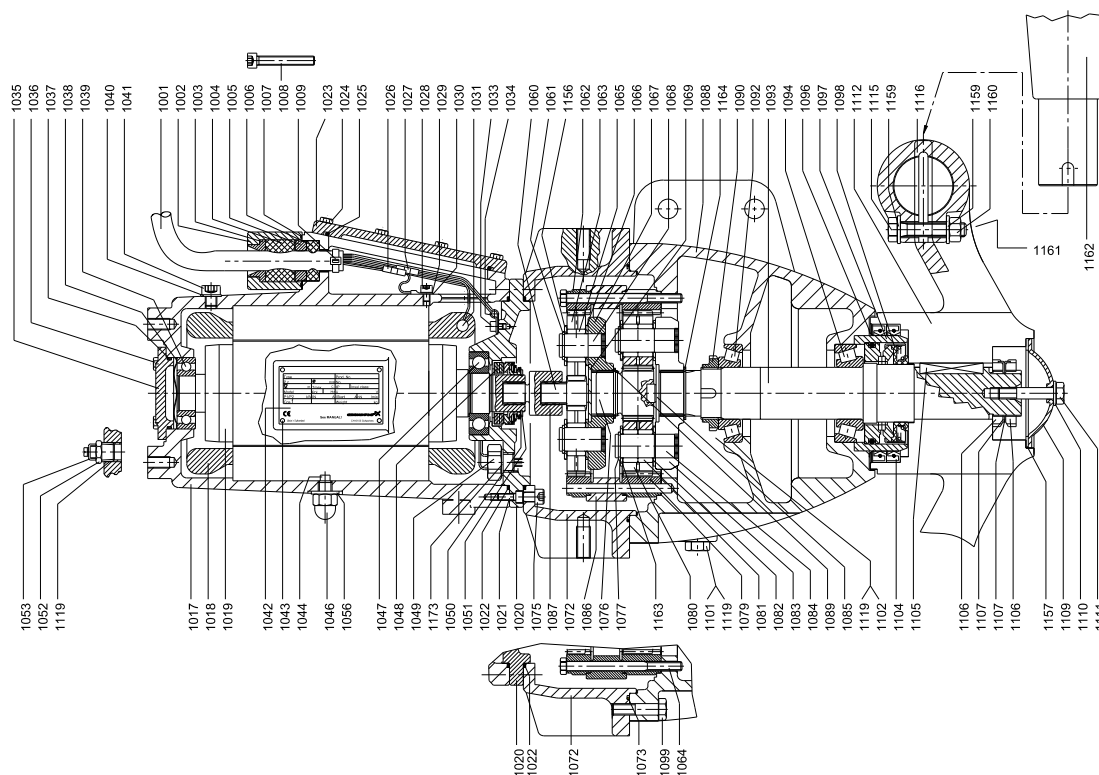
Wear ring

Pos.	Description	Standard 95037375
1097	Wear ring ceramic	1
1104	Lip seal 120 x 100 x 12	2
	O-ring 94.92 x 2.62	1
1108	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1157	Gasket 96 x 75 x 2	1

AFG non-ATEX



AFG.xx.180.xx.Ex (50 Hz only)



TM03 5482 3307

TM03 5494 3307

Cable

Pos.	Description	95038410	95038411	95038412
1001	Cable	10 m / 30 ft	15 m / 50 ft	25 m / 80 ft
1026	Cable joint	6	6	6
1027	Cable joint	4	4	4
1030	Cable shoe	1	1	1

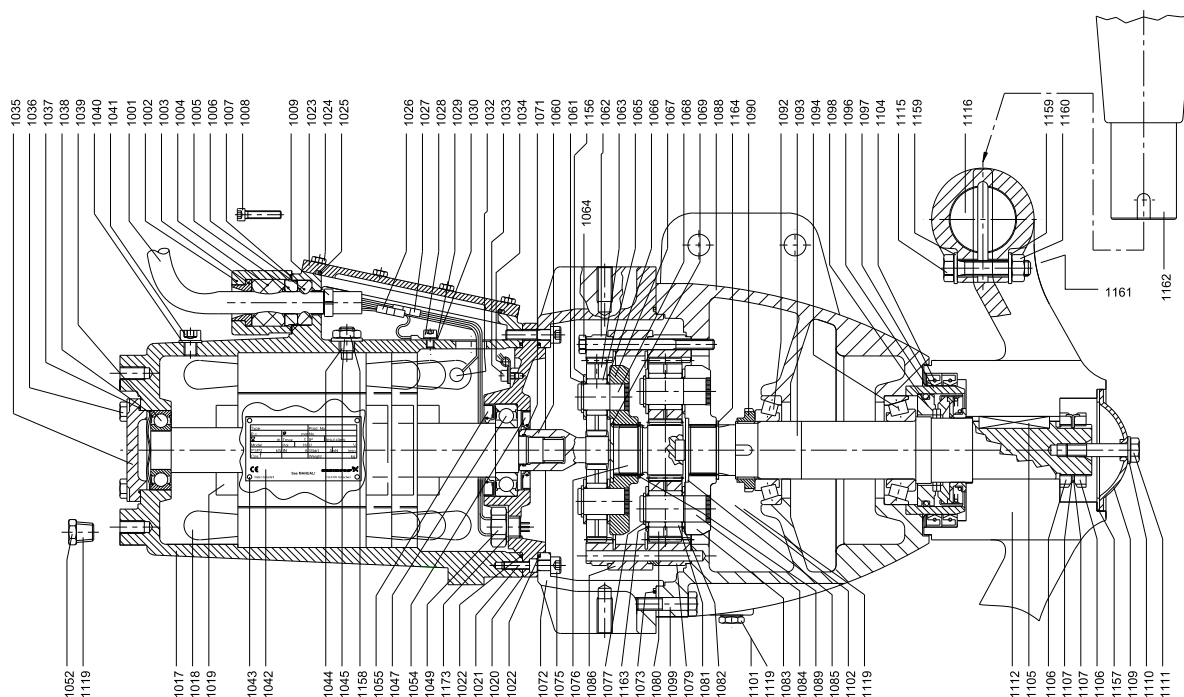
Gear

		Step 1		Step 2				
Pos.	50 Hz	All Non-Ex versions	All Ex versions	AFG.13.180	-	AFG.18.180	AFG.24.180	AFG.37.180
	60 Hz SI			AFG.18.180	AFG.13.180	AFG.27.180	AFG.37.180	-
	60 Hz US			AFG.24.71	AFG.17.71	AFG.36.71	AFG.50.71	-
	Kit No			95038580	95038581	95038585	95038749	95038584
1060	Sun wheel	1	1	-	-	-	-	-
1061	Retaining ring	3	3	-	-	-	-	-
1062	Ring gear	1	1	-	-	-	-	-
1063	Planet gear	3	3	-	-	-	-	-
1065	Roller	57	57	-	-	-	-	-
1066	Washer	3	3	-	-	-	-	-
1067	Planet carrier	1	1	-	-	-	-	-
1068	Planet pin	3	3	-	-	-	-	-
1069	Cover	1	1	-	-	-	-	-
1071	O-ring	1	-	-	-	-	-	-
1076	Sun wheel i = 5.6	-	-	1	-	-	-	-
	Sun wheel i = 4.83	-	-	-	-	1	-	-
	Sun wheel i = 4.28	-	-	-	-	-	1	-
	Sun wheel i = 3.55	-	-	-	-	-	-	1
	Sun wheel i = 6.75	-	-	-	1	-	-	-
1077	Retaining ring A 20	-	-	3	3	3	3	3
1079	Ring gear Z=69	-	-	1	1	1	1	1
1080	Planet gear i = 5.6	-	-	3	-	-	-	-
	Planet gear i = 4.83	-	-	-	-	3	-	-
	Planet gear i = 4.28	-	-	-	-	-	3	-
	Planet gear i = 3.55	-	-	-	-	-	-	3
	Planet gear i = 6.75	-	-	-	3	-	-	-
1081	Roller	-	-	114	114	114	114	114
1082	Washer 2 mm	-	-	3	3	3	3	3
1083	Planet carrier i = 5.6	-	-	1	-	-	-	-
	Planet carrier i = 4.83	-	-	-	-	1	-	-
	Planet carrier i = 4.28	-	-	-	-	-	1	-
	Planet carrier i = 3.55	-	-	-	-	-	-	1
	Planet carrier i = 6.75	-	-	-	1	-	-	-
1084	Planet pin	-	-	3	3	3	3	3
1085	Cover	-	-	1	1	1	1	1
1087	Gear coupling	-	1	-	-	-	-	-
1089	Retaining ring	-	-	1	1	1	1	1
1156	Washer	3	3	-	-	-	-	-
1163	Washer 2 mm	-	-	3	3	3	3	3

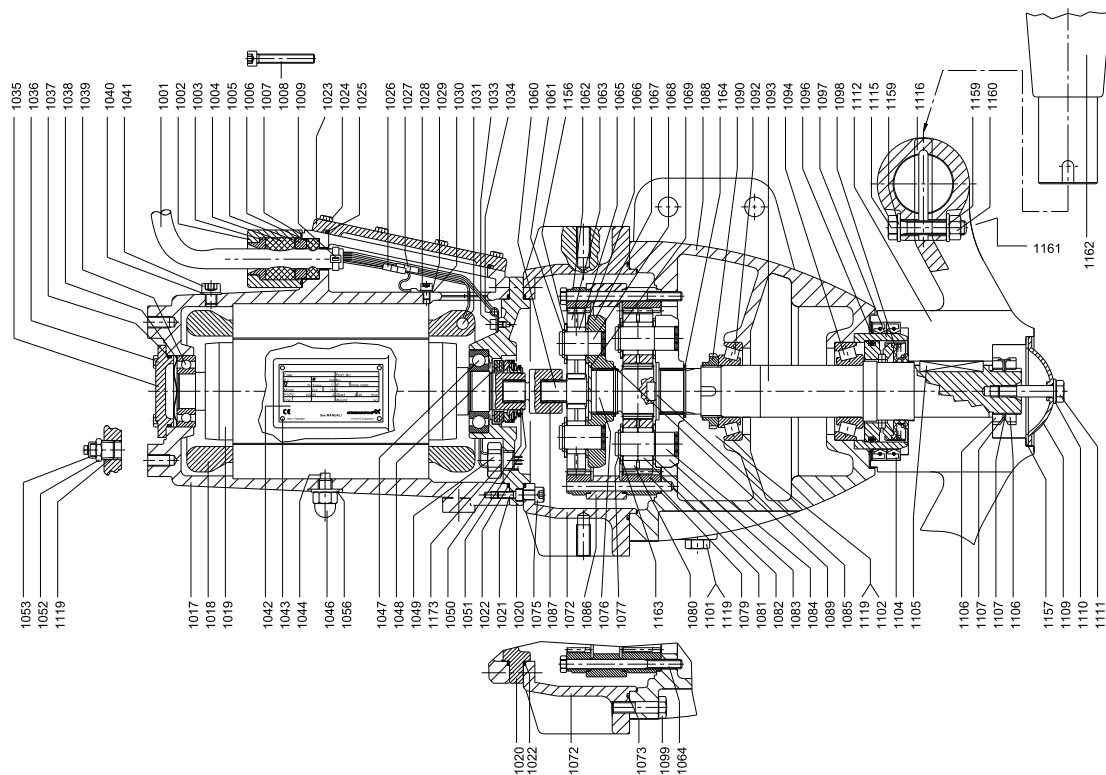
Propeller

Pos.	Description	95038558
1104	Lip seal	2
1105	Fit-in key	1
1106	Slotted nut	2
1109	Hub cover	1
1110	Washer	1
1111	Hexagon head screw	1
1112	Hub (2 blades)	1
1115	Hexagon head screw	4
1116	Grooved pin	2
1157	Gasket	1
1159	Washer	8
1160	Nut	4
1161	Hexagon head screw	2
1162	Propeller blade type III / 95	2

AFG non-ATEX



AFG.xx.180.xx.Ex (50 Hz only)



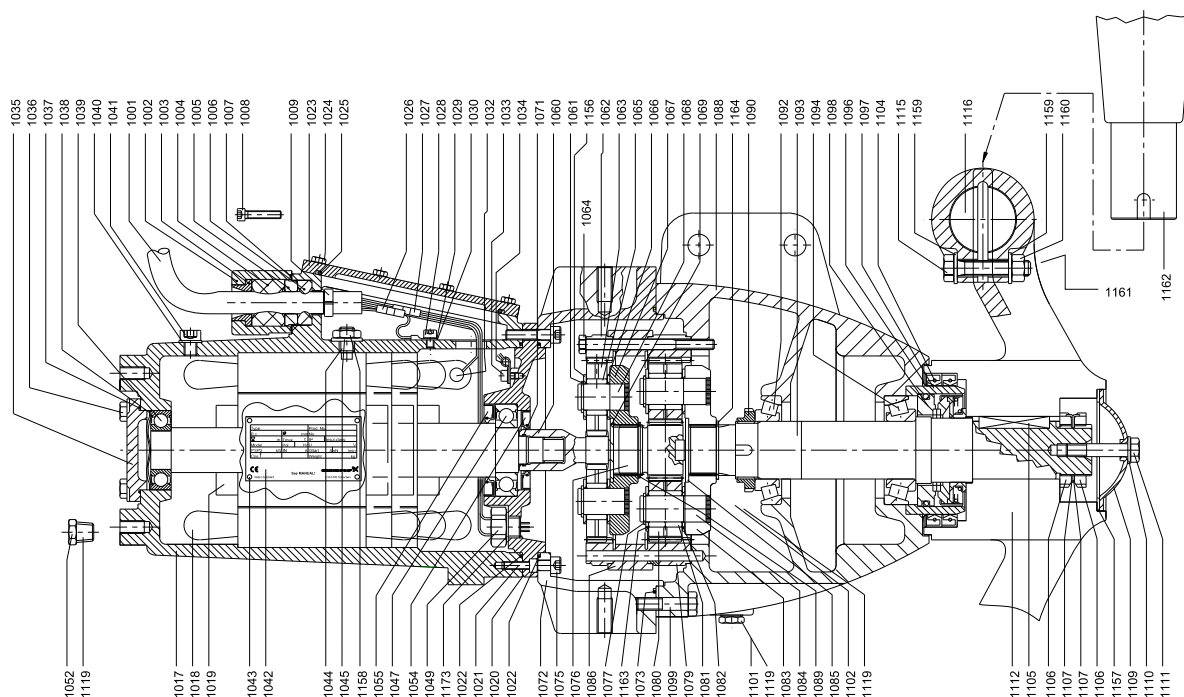
TM03 5482 3307

TM03 5494 3307

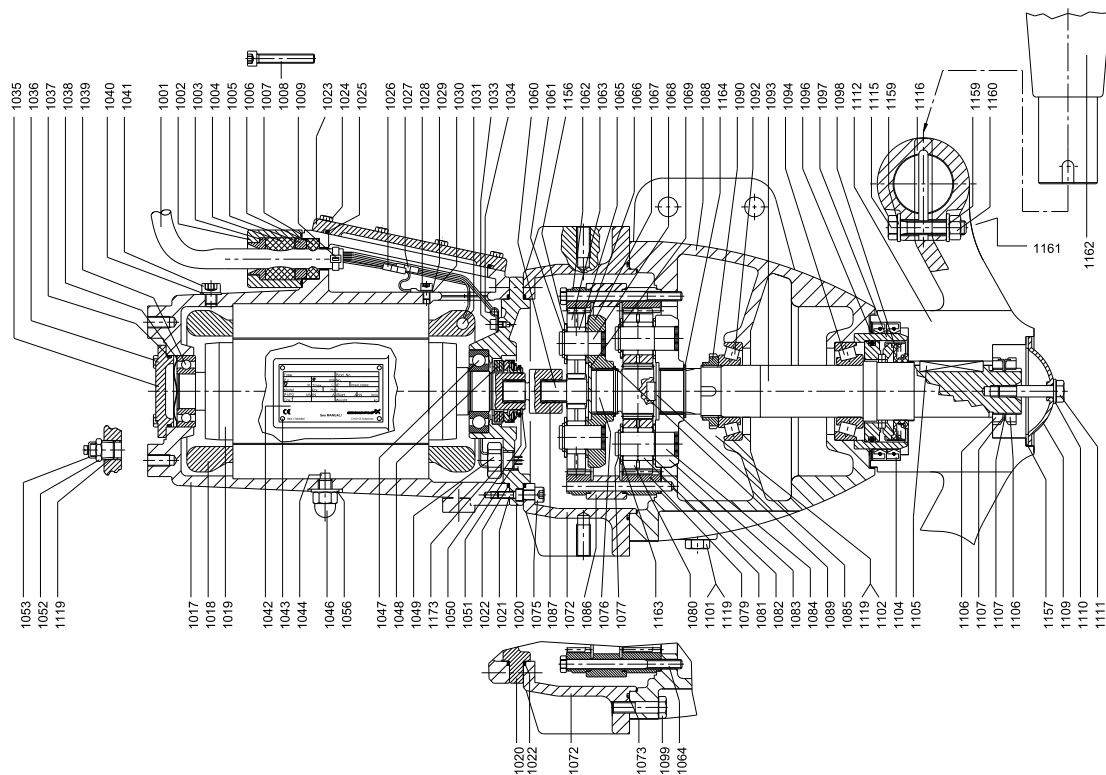
Motor

Pos. Description		Non-Ex version		Ex version (50 Hz only)			
		50 Hz	AFG.13.180	AFG.24.180	AFG.13.180	AFG.24.180	
			AFG.18.180	AFG.37.180	AFG.18.180	AFG.37.180	
			60 Hz SI	AFG.13.180	AFG.27.180	-	-
				AFG.18.180	AFG.37.180		
60 Hz US	AFG.17.71	AFG.36.71	-	-			
	AFG.24.71	AFG.50.71					
Kit No		95038405	95038406	95038407	95038408		
1002	Cable flange	1	1	1	1		
1007	O-ring	1	1	1	1		
1008	Hexagon socket head cap screw	2	2	2	2		
1017	Motor housing	1	1	1	1		
1018	Stator 4-pole	1	1	1	1		
1019	Rotor with shaft 4-pole	1	1	1	1		
1020	Motor flange	1	1	1	1		
1021	Hexagon socket head cap screw	3	3	3	3		
1022	O-ring	2	2	2	2		
1023	Terminal box cover	1	1	1	1		
1024	Hexagon head screw	8	8	8	8		
1025	O-ring	1	1	1	1		
1028	Hexagon socket head cap screw	1	1	1	1		
1029	Lock washer	1	1	1	1		
1033	Hexagon socket head cap screw	1	1	1	1		
1034	Cable clamp	1	1	1	1		
1035	Bearing cover	1	1	1	1		
1036	Hexagon head screw	4	4	4	4		
1037	O-ring	1	1	1	1		
1038	Compensation disc	1	1	1	1		
1039	Ball bearing	1	1	-	-		
	Ball bearing	-	-	1	1		
1040	Washer	1	1	1	1		
1041	Hexagon socket head cap screw	1	1	1	1		
1044	Set screw	1	1	1	1		
1045	Spring washer	1	1	-	-		
1046	Nut	-	-	1	1		
1047	Ball bearing	1	1	-	-		
	Ball bearing	-	-	1	1		
1048	Mechanical shaft seal	-	-	1	1		
1049	Water-in-oil sensor	1	1	1	1		
1050	Shim	-	-	1	1		
1051	Retaining ring	-	-	1	1		
1052	Plug	1	1	1	1		
1053	Connection for protective earthing	-	-	1	1		
1054	Lip seal	1	1	-	-		
1055	Lip seal	1	1	-	-		
1056	Seal washer	-	-	1	1		
1119	PTFE tape	1	1	1	1		
1158	Nut	1	1	-	-		
1173	Seal washer	1	1	1	1		

AFG non-ATEX



AFG.xx.180.xx.Ex (50 Hz only)



TM03 5482 3307

TM03 5494 3307

AFG.xx.230.xx (50/60 Hz) and AFG.xx.91.xx (60 Hz North America)**Bearing, motor**

Pos.	Description	95065458
1038	Compensation disc	1
1039	Ball bearing 6206 2RS	1
1047	Ball bearing 6207 2RS	1

Bearing, gearbox

Pos.	Description	95065467
1090	Slotted nut; elastic stop	1
1092	Tapered roller bearing 30209	1
1094	Tapered roller bearing 32209	1

Cable entry, 1.5 mm²

Pos.	Description	95065457
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1008	Hexagon socket head cap screw	2
1009	Cable relief	1
1025	O-ring 113.97 x 2.62	1
1026	Cable joint	6
1027	Cable joint	4
1030	Cable shoe	1
-	Shrink tube for connections	10

Cable

Pos.	Description	95038410	95038411	95038412
1001	Cable	10 m/30 ft	15 m/50 ft	25 m/80 ft
1026	Cable joint	6	6	6
1027	Cable joint	4	4	4
1030	Cable shoe	1	1	1

Gear casing

Pos.	Description	95038481
1088	Gear casing	1
1090	Slotted nut; elastic stop	1
1092	Tapered roller bearing	1
1093	Gear shaft	1
1094	Tapered roller bearing	1
1101	Drain plug with magnet	1
1102	Plug	2
1119	PTFE tape	1
1164	Retaining ring A 40	1

Radial seal

Pos.	Description	95039131
1104	Lip seal 120 x 100 x 12	2
	O-ring 94.92 x 2.62	1
1108	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer Ø10.5 / 20 x 2	1
1157	Gasket 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065482
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 63.22 x 1.78	1
1054	Lip seal 62 x 32 x 8	1
1055	Lip seal 72 x 40 x 7	1
1071	O-ring 21.95 x 1.78	1
1073	O-ring 215.57 x 2.62	1
1157	Gasket 96 x 75 x 2	1

Gasket kit, Ex version (50 Hz only)

Pos.	Description	95065483
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 37.82 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 56.82 x 2.62	1
1048	Mechanical shaft seal	1
1050	Shim	1
1051	Retaining ring	1
1073	O-ring 215.57 x 2.62	1
1157	Gasket 96 x 75 x 2	1

Shaft seal

Pos.	Description	95065470
1098	Mechanical shaft seal	1

Slotted nut

Pos.	Description	95038489
1106	Slotted nut	2
1107	Lock washer	2

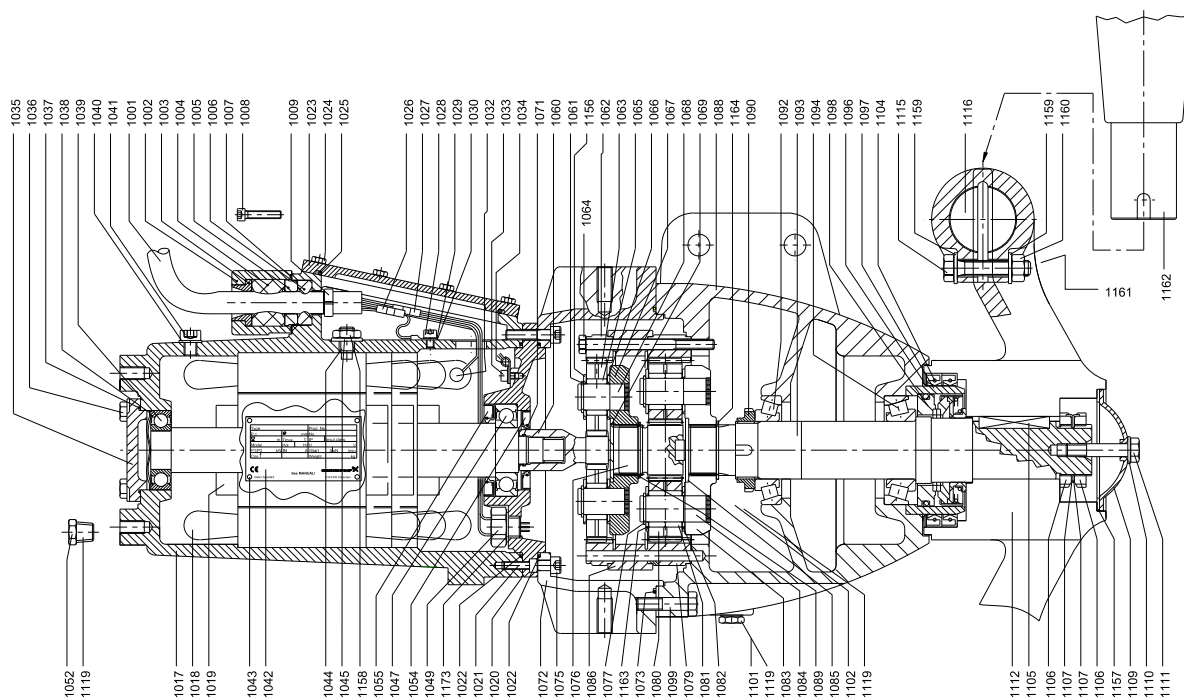
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

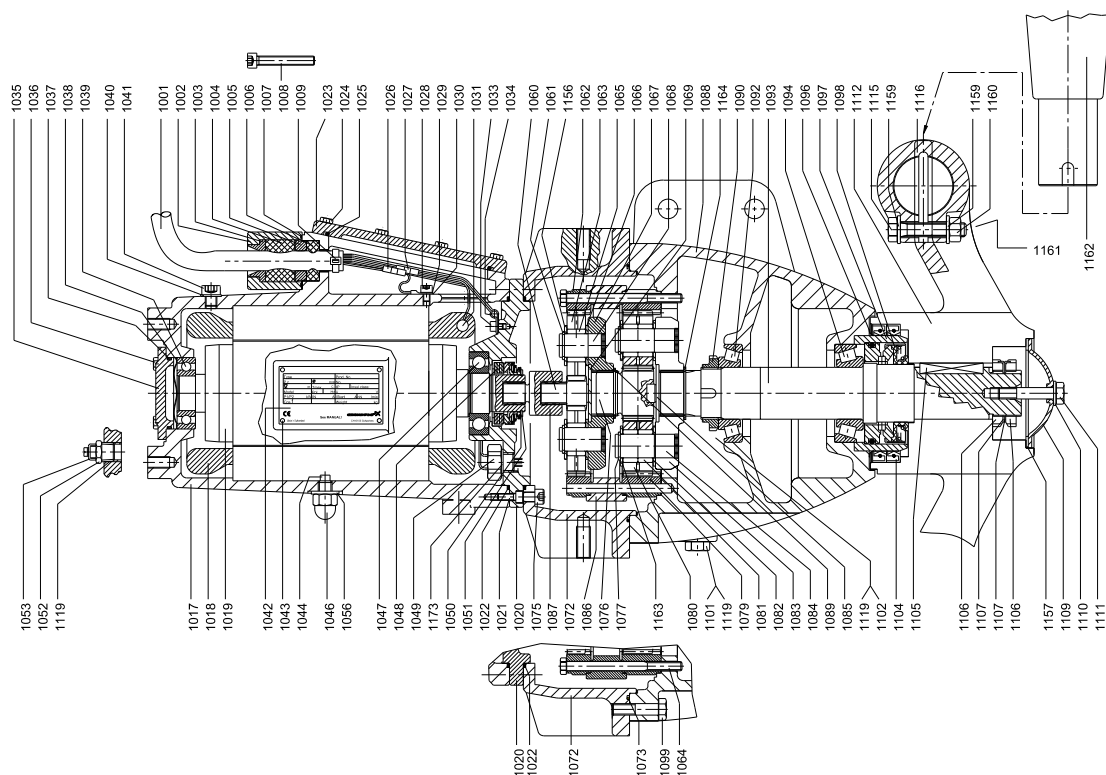
Wear ring

Pos.	Description	Standard 95037375
1097	Wear ring ceramic	1
1104	Lip seal 120 x 100 x 12	2
	O-ring 94.92 x 2.62	1
1108	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1157	Gasket 96 x 75 x 2	1

AFG non-ATEX



AFG.xx.230.xx.Ex (50 Hz only)



TM03 5482 3307

TM03 5494 3307

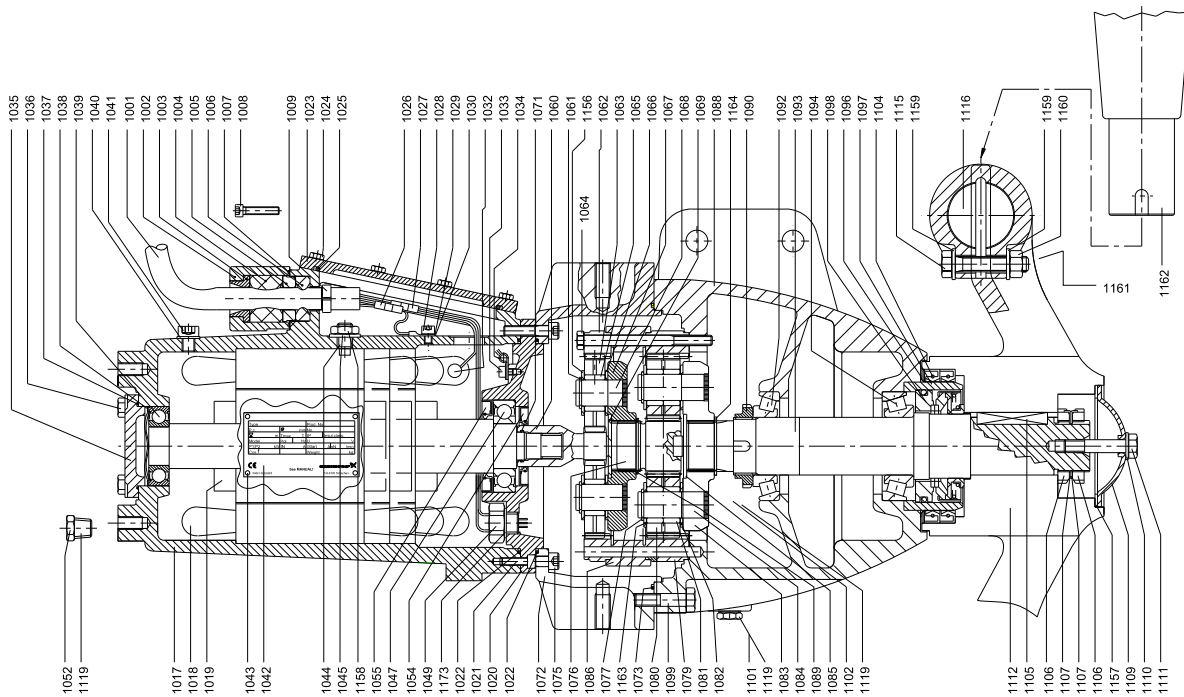
Gear

Pos.	Description	Step 1		Step 2				
		50 Hz	All Non-Ex version	All Ex version	AFG.30.230	-	AFG.15.230 AFG.40.230	AFG.22.230
		60 Hz SI			AFG.15.230 AFG.40.230	AFG.30.230	AFG.22.230	-
		60 Hz US			AFG.20.91 AFG.55.91	AFG.40.91	AFG.30.91	-
		Kit No			95038580	95038581	95038585	95038749
1060	Sun wheel	1	1	-	-	-	-	
1061	Retaining ring	3	3	-	-	-	-	
1062	Ring gear	1	1	-	-	-	-	
1063	Planet gear	3	3	-	-	-	-	
1065	Roller	57	57	-	-	-	-	
1066	Washer	3	3	-	-	-	-	
1067	Planet carrier	1	1	-	-	-	-	
1068	Planet pin	3	3	-	-	-	-	
1069	Cover	1	1	-	-	-	-	
1071	O-ring	1	-	-	-	-	-	
1076	Sun wheel i = 5.6	-	-	1	-	-	-	
	Sun wheel i = 4.83	-	-	-	-	1	-	
	Sun wheel i = 4.28	-	-	-	-	-	1	
	Sun wheel i = 6.75	-	-	-	1	-	-	
1077	Retaining ring	-	-	3	3	3	3	
1079	Ring gear	-	-	1	1	1	1	
1080	Planet gear i = 5.6	-	-	3	-	-	-	
	Planet gear i = 4.83	-	-	-	-	3	-	
	Planet gear i = 4.28	-	-	-	-	-	3	
	Planet gear i = 6.75	-	-	-	3	-	-	
1081	Roller	-	-	114	114	114	114	
1082	Washer	-	-	3	3	3	3	
1083	Planet carrier i = 5.6	-	-	1	-	-	-	
	Planet carrier i = 4.83	-	-	-	-	1	-	
	Planet carrier i = 4.28	-	-	-	-	-	1	
	Planet carrier i = 6.75	-	-	-	1	-	-	
1084	Planet pin	-	-	3	3	3	3	
1085	Cover	-	-	1	1	1	1	
1087	Gear coupling	-	1	-	-	-	-	
1089	Retaining ring	-	-	1	1	1	1	
1156	Washer	3	3	-	-	-	-	
1163	Washer	-	-	3	3	3	3	

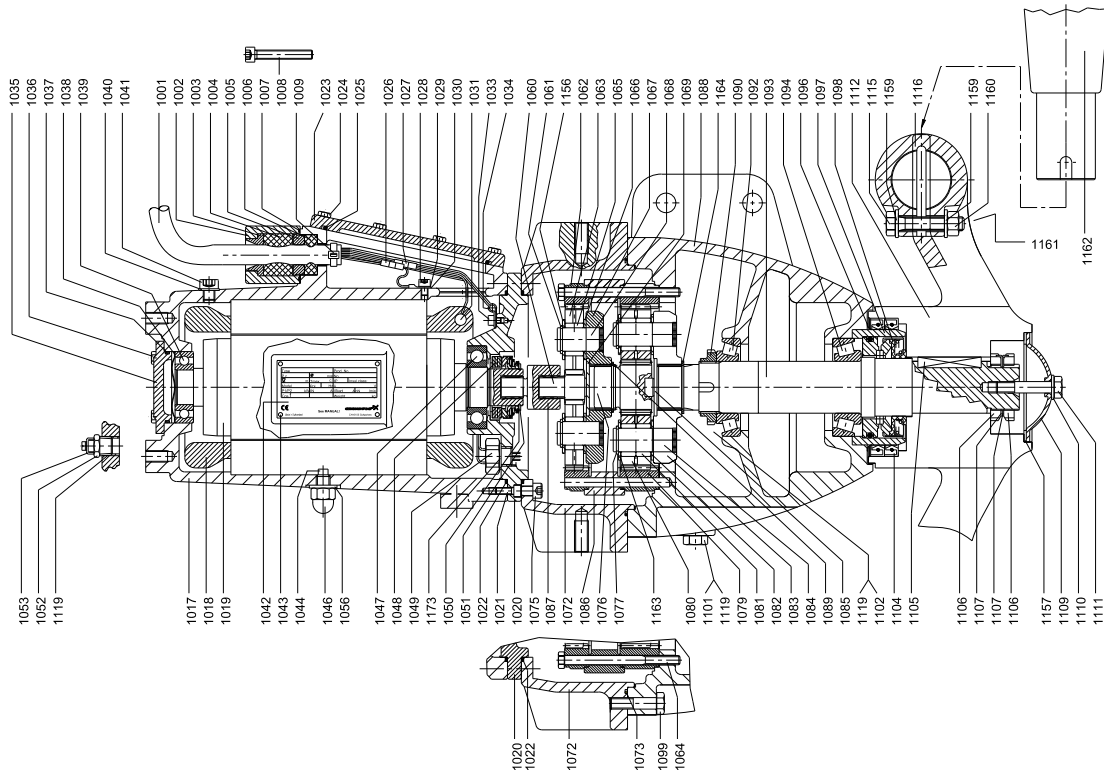
Propeller

Pos.	Description	50 Hz	AFG.15.230 AFG.22.230	AFG.30.230 AFG.40.230
		60 Hz SI	AFG.15.230 AFG.22.230	AFG.30.230 AFG.40.230
		60 Hz US	AFG.20.91 AFG.30.91	AFG.40.91 AFG.55.91
		No of blades	2 blades	3 blades
		Kit No	95038559	95038560
1104	Lip seal		2	2
1105	Fit-in key		1	1
1106	Slotted nut		2	2
1109	Hub cover		1	1
1110	Washer		1	1
1111	Hexagon head screw		1	1
1112	Hub		1	1
1115	Hexagon head screw		4	6
1116	Grooved pin		2	-
			-	3
1157	Gasket		1	1
1159	Washer		8	12
1160	Nut		4	6
1161	Hexagon head screw		2	3
1162	Propeller blade type III / 95		2	3

AFG non-ATEX



AFG.xx.230.xx.Ex (50 Hz only)



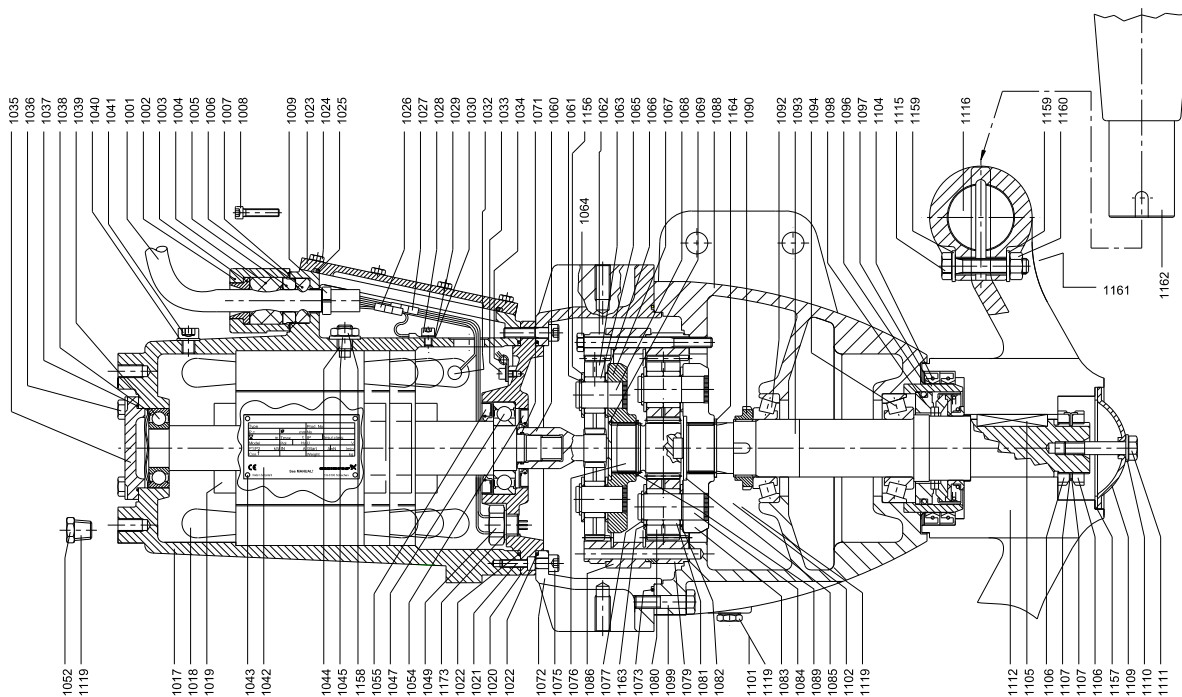
TM03 5482 3307

TM03 5494 3307

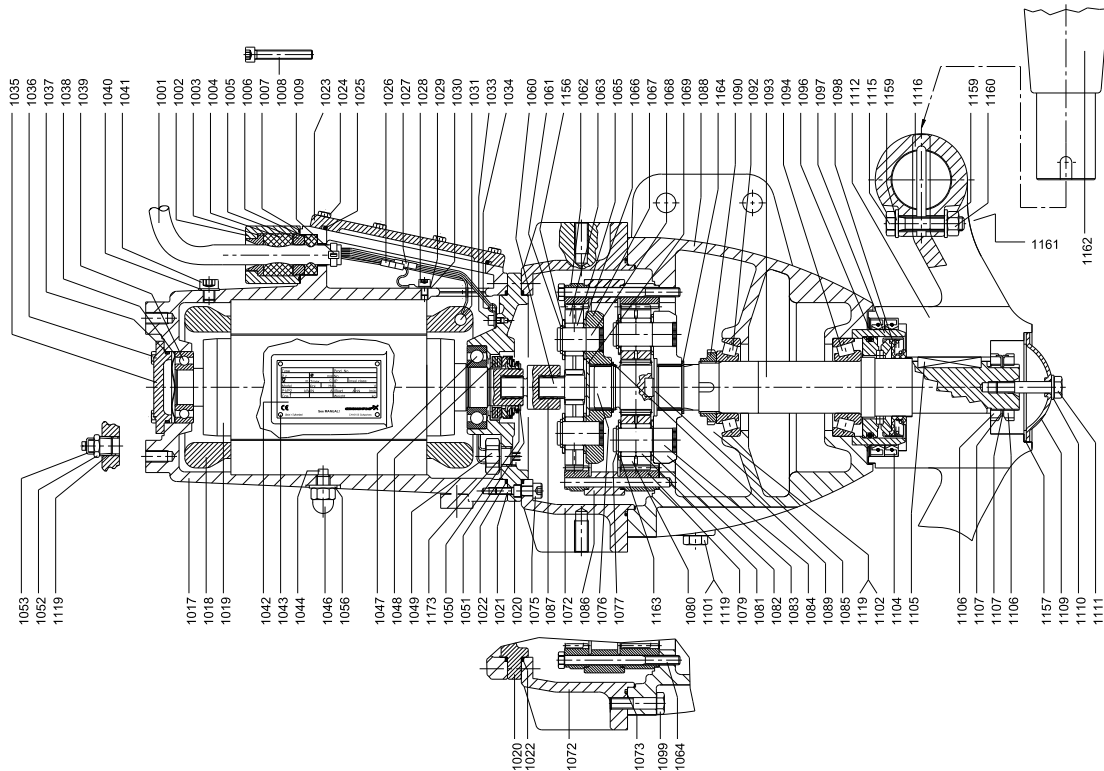
Motor

Pos. Description		Non-Ex version		Ex version (50 Hz only)			
		50 Hz	AFG.15.230	AFG.30.230	AFG.15.230	AFG.30.230	
			AFG.22.230	AFG.40.230	AFG.22.230	AFG.40.230	
			60 Hz SI	AFG.15.230	AFG.30.230	-	-
			AFG.22.230	AFG.40.230			
60 Hz US	AFG.20.91	AFG.40.91	-	-			
	AFG.30.91	AFG.55.91					
Kit No	95038561	95038406	95038562	95038408			
1002	Cable flange	1	1	1	1		
1007	O-ring	1	1	1	1		
1008	Hexagon socket head cap screw	2	2	2	2		
1017	Motor housing	1	1	1	1		
1018	Stator	1	1	1	1		
1019	Rotor with shaft	1	1	1	1		
1020	Motor flange	1	1	1	1		
1021	Hexagon socket head cap screw	3	3	3	3		
1022	O-ring	2	2	2	2		
1023	Terminal box cover	1	1	1	1		
1024	Hexagon head screw	8	8	8	8		
1025	O-ring	1	1	1	1		
1028	Hexagon socket head cap screw	1	1	1	1		
1029	Lock washer	1	1	1	1		
1033	Hexagon socket head cap screw	1	1	1	1		
1034	Cable clamp	1	1	1	1		
1035	Bearing cover	1	1	1	1		
1036	Hexagon head screw	4	4	4	4		
1037	O-ring	1	1	1	1		
1038	Compensation disc	1	1	1	1		
1039	Ball bearing	1	1	-	-		
	Ball bearing	-	-	1	1		
1040	Washer	1	1	1	1		
1041	Hexagon socket head cap screw	1	1	1	1		
1044	Set screw	1	1	1	1		
1045	Spring washer	1	1	-	-		
1046	Nut	-	-	1	1		
1047	Ball bearing	1	1	-	-		
	Ball bearing	-	-	1	1		
1048	Mechanical shaft seal	-	-	1	1		
1049	Water-in-oil sensor	1	1	1	1		
1050	Shim	-	-	1	1		
1051	Retaining ring	-	-	1	1		
1052	Plug	1	1	1	1		
1053	Connection for protective earthing	-	-	1	1		
1054	Lip seal	1	1	-	-		
1055	Lip seal	1	1	-	-		
1056	Seal washer	-	-	1	1		
1119	PTFE tape	1	1	1	1		
1158	Nut	1	1	-	-		
1173	Seal washer	1	1	1	1		

AFG non-ATEX



AFG.xx.230.xx.Ex (50 Hz only)



TM03 5482 3307

TM03 5494 3307

AFG.xx.260 (50/60 Hz) and AFG.xx.102 (60 Hz North America)**Bearing, motor**

Pos.	Description	96645955
1038	Compensation disc	1
1039	Ball bearing 6208 2RS	1
1047	Ball bearing 6010 2RS	1

Bearing, gearbox

Pos.	Description	95065475
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30212	1
1094	Tapered roller bearing 33212	1

Cable

Pos.	Description	95038486	95038487	95038488
1001	Cable	10 m/30 ft	15 m/50 ft	25 m/80 ft
1026	Cable joint	6	6	6
1027	Cable joint	4	4	4
1030	Cable shoe	1	1	1

Cable entry, 2.5 mm²

Pos.	Description	95065465
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1008	Hexagon socket head cap screw	2
1009	Cable relief	1
1025	O-ring 139.29 x 3.53	1
1026	Cable joint	6
1027	Cable joint	4
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear casing

Pos.	Description	95038588
1088	Gear casing	1
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing	1
1093	Gear shaft	1
1094	Tapered roller bearing	1
1101	Drain plug with magnet	1
1102	Plug	2
1119	PTFE tape	1

Radial seal

Pos.	Description	95039132
1104	Lip seal 150 x 125 x 12	2
	O-ring 120.2 x 3.53	1
1108	O-ring 225.0 x 3.0	1
	O-ring 94.92 x 2.62	1
1110	Washer Ø13 / 24 x 2.5	1

Gasket kit

Pos.	Description	95035812
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1022	O-ring 215.57 x 2.62	2
1025	O-ring 139.29 x 3.53	1
1037	O-ring 75.87 x 2.62	1
1048	Mechanical shaft seal	1
1050	Shim 63 x 50 x 0.5	1
1051	Retaining ring	1
1073	O-ring 260.0 x 3.5	1
1108	O-ring 94.92 x 2.62	1

Shaft seal

Pos.	Description	95065478
1095	Intermediate ring	1
1098	Mechanical shaft seal	1

Slotted nut

Pos.	Description	95038489
1106	Slotted nut	2
1107	Lock washer	2

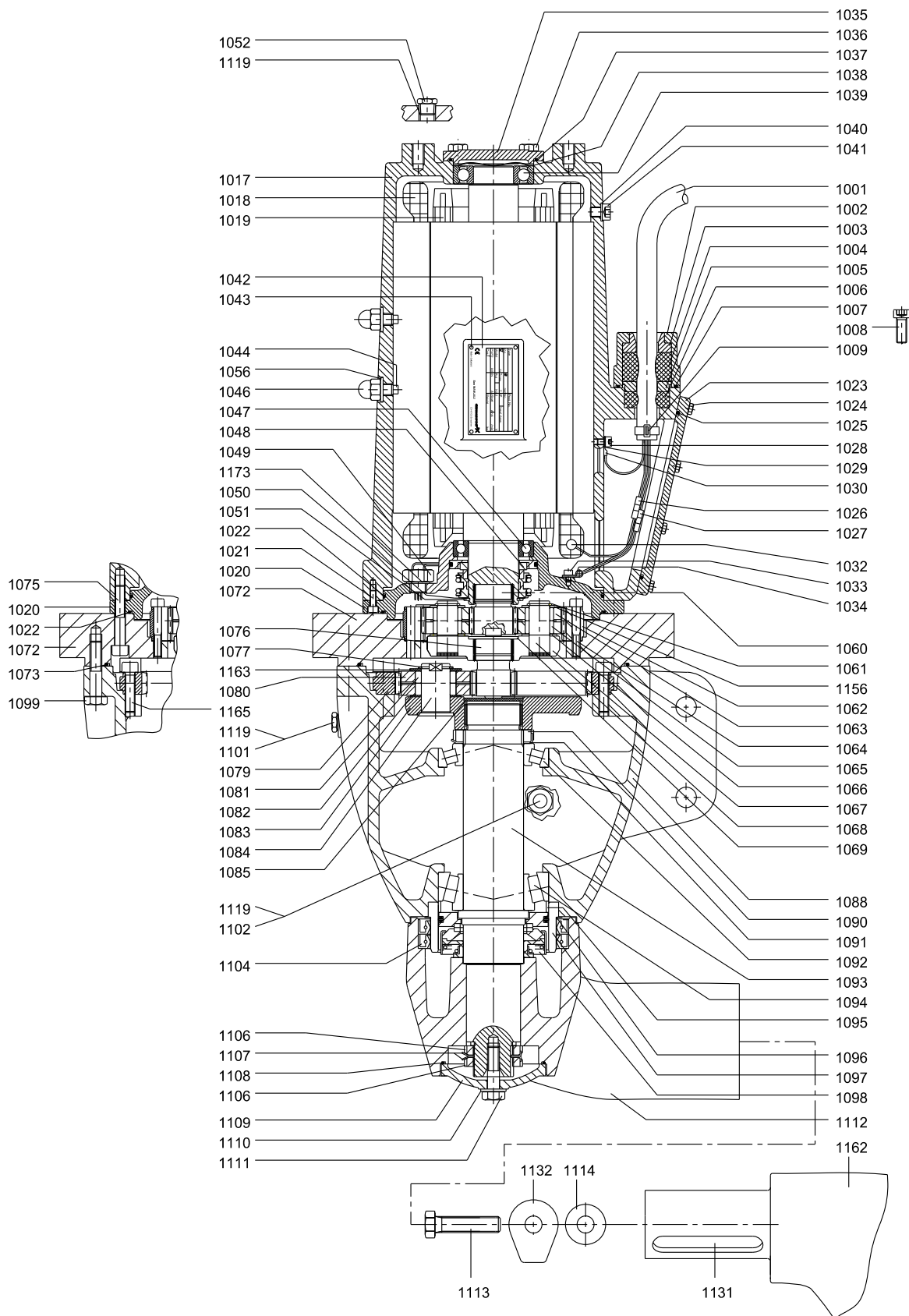
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

Pos.	Description	Standard 95037376
1097	Wear ring ceramic	1
1104	Lip seal 150 x 125 x 12	2
	O-ring 120.2 x 3.53	1
1108	O-ring 225.0 x 3.0	1
	O-ring 94.92 x 2.62	1

AFG non-ATEX



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Gear

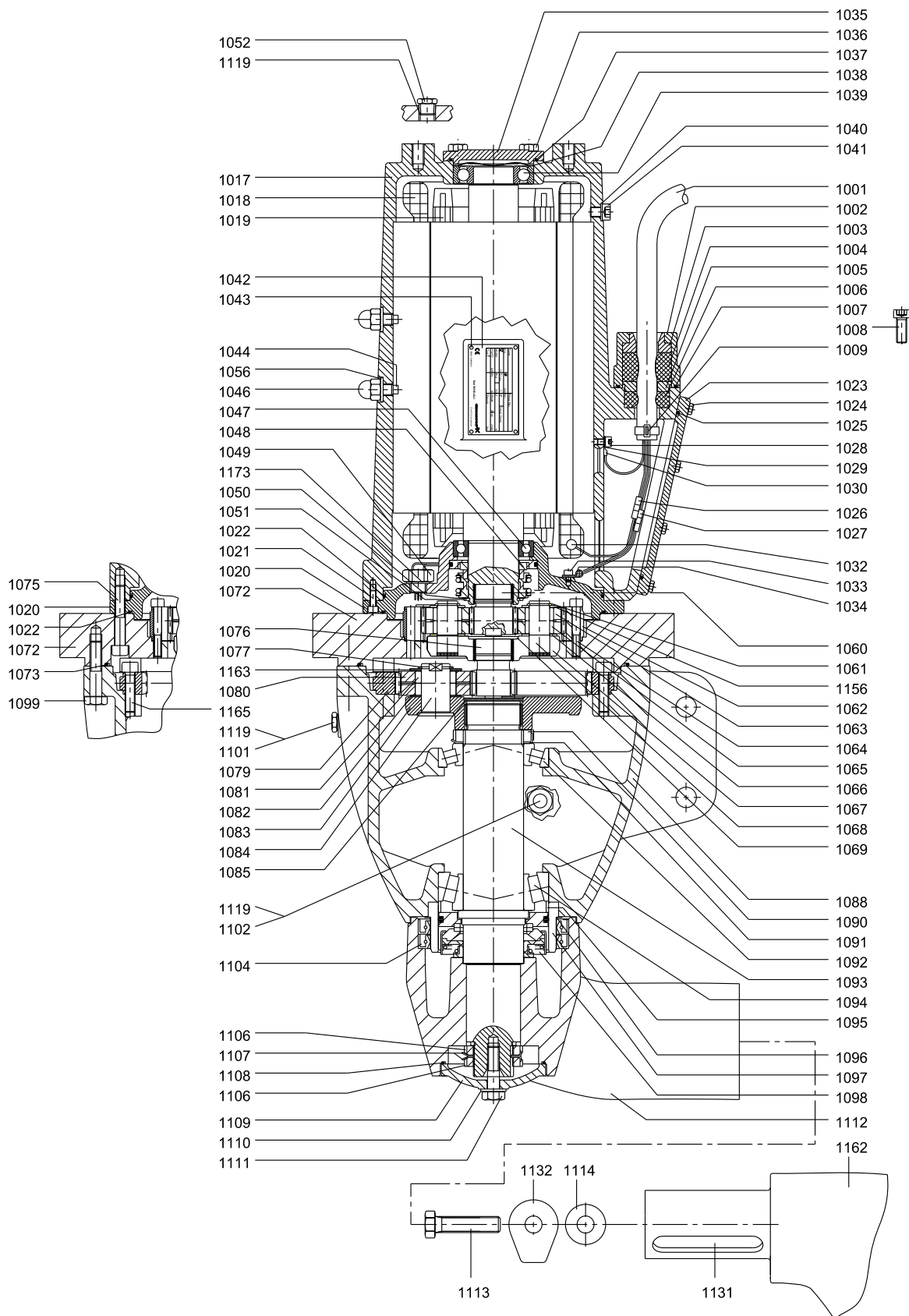
		50 Hz	AFG.30.260 AFG.46.260 AFG.60.260 AFG.65.260	AFG.75.260	AFG.34.260 AFG.48.260	AFG.40.260 AFG.58.260	AFG.55.260
Pos.	Description	60 Hz SI	-	-	AFG.55.260 AFG.75.260	-	-
		60 Hz US	-	-	AFG.75.102 AFG.100.102	-	-
		Step 1	Step 1	Step 1	Step 1	Step 1	Step 1
		Kit No	95065518	95065517	95065524	95065495	95065515
1060	Sun wheel i = 4.83		1	-	-	-	-
	Sun wheel i = 5.6		-	1	-	-	-
	Sun wheel i = 6.75		-	-	1	-	-
	Sun wheel i = 4.28					1	-
	Sun wheel i = 3.87					-	1
1061	Retaining ring		3	3	3	3	3
1062	Ring gear		1	1	1	1	1
1063	Planet gear i = 4.83		3	-	-	-	-
	Planet gear i = 5.6		-	3	-	-	-
	Planet gear i = 6.75		-	-	3	-	-
	Planet gear i = 4.28		-	-	-	3	-
	Planet gear i = 3.87		-	-	-	-	3
1065	Roller		114	114	114	114	114
1066	Washer		3	3	3	3	3
1067	Planet carrier		1	1	1	1	1
1068	Planet pin		3	3	3	3	3
1069	Cover		1	1	1	1	1
1156	Washer		3	3	3	3	3

Pos.	Description	50 Hz	AFG.60.260	AFG.75.260 AFG.34.260 AFG.48.260	AFG.30.260 AFG.40.260 AFG.55.260 AFG.58.260	AFG.46.260 AFG.65.260
		60 Hz SI	-	AFG.55.260 AFG.75.260	-	-
		60 Hz US	-	AFG.75.102 AFG.100.102	-	-
			Step 2	Step 2	Step 2	Step 2
		Kit No	95038611	95065496	95038769	95065525
1076	Sun wheel i = 4.57	1	-	-	-	
	Sun wheel i = 4.12	-	1	-	-	
	Sun wheel i = 6.0	-	-	1	-	
	Sun wheel i = 5.16	-	-	-	1	
1077	Retaining ring	3	3	3	3	
1079	Ring gear	1	1	1	1	
1080	Planet gear i = 4.57	3	-	-	-	
	Planet gear i = 4.12	-	3	-	-	
	Planet gear i = 6.0	-	-	3	-	
	Planet gear i = 5.16	-	-	-	3	
1081	Roller	108	108	108	108	
1082	Washer	3	3	3	3	
1083	Planet carrier	1	1	1	1	
1084	Planet pin	3	3	3	3	
1085	Cover	1	1	1	1	
1163	Washer	3	3	3	3	

Propeller

Pos.	Description	Kit No	2 blades	3 blades
			95038586	95038587
1104	Lip seal		2	2
1106	Slotted nut		2	2
1108	O-ring		1	1
1109	Hub cover		1	1
1110	Washer		1	1
1111	Hexagon head screw		1	1
1112	Hub		1	1
1113	Hexagon head screw		2	3
1114	Washer		2	3
1131	Fit-in key		2	3
1132	Blinds		2	3
1162	Propeller blade		2	3

AFG non-ATEX

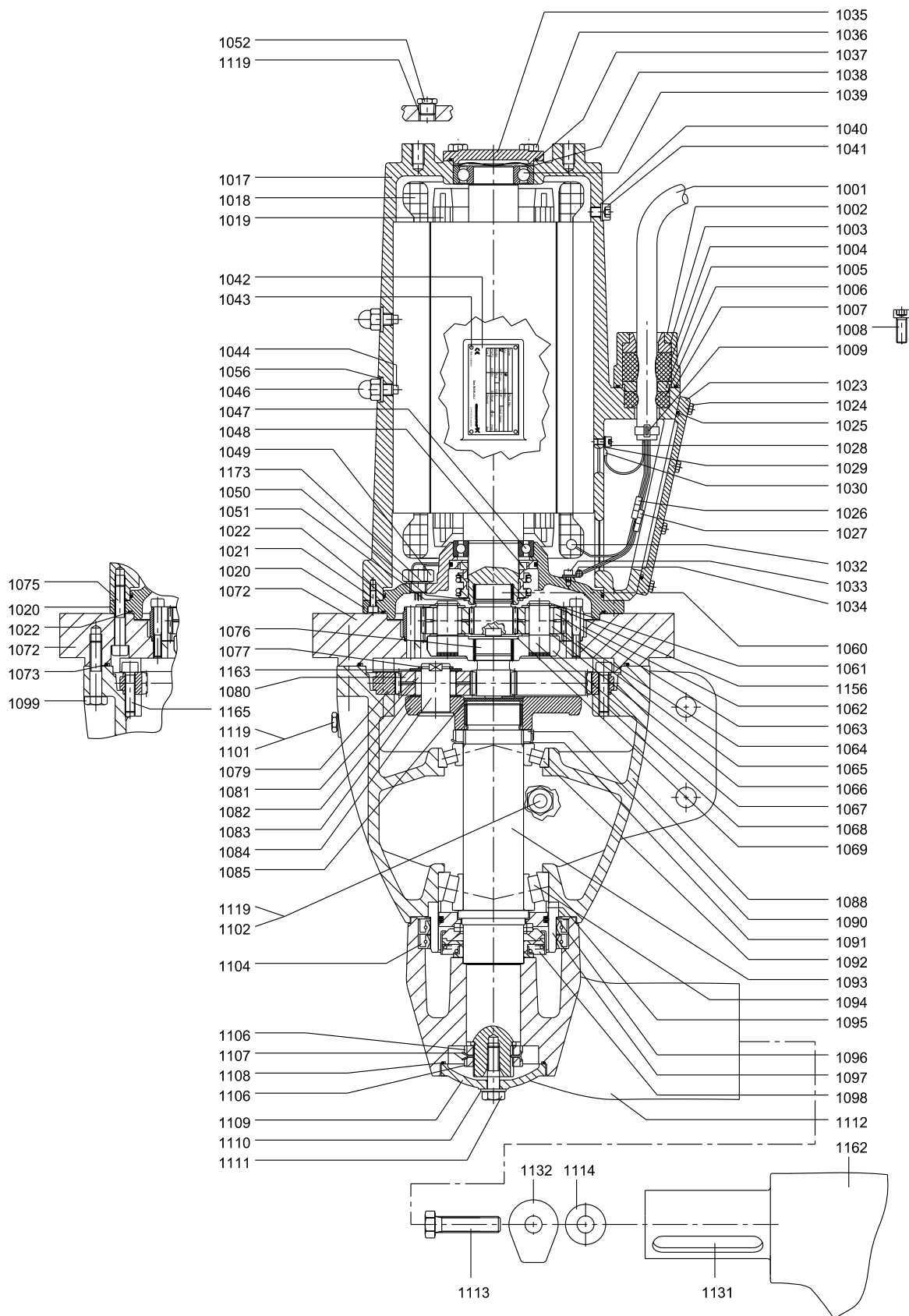


TM04 0190 4210

Motor

Pos.	Description	50 Hz	Non-Ex version		Ex version (50 Hz only)	
			AFG.30.260 AFG.34.260 AFG.40.260 AFG.60.260	AFG.46.260 AFG.48.260 AFG.55.260 AFG.58.260 AFG.65.260 AFG.75.260	AFG.60.260	AFG.75.260
			60 Hz SI	AFG.55.260 AFG.75.260	-	-
			60 Hz US	AFG.75.102 AFG.100.102	-	-
			Kit No	95038589 95038590	95038591	95038592
1002	Cable flange		1	1	1	1
1007	O-ring		1	1	1	1
1008	Hexagon socket head cap screw		2	2	2	2
1017	Motor housing		1	1	1	1
1018	Stator 6-pole		1	1	1	1
1019	Rotor with shaft 6-pole		1	1	1	1
1020	Motor flange		1	1	1	1
1021	Hexagon socket head cap screw		3	3	3	3
1022	O-ring		2	2	2	2
1023	Terminal box cover		1	1	1	1
1024	Hexagon head screw		8	8	8	8
1025	O-ring		1	1	1	1
1028	Hexagon socket cap screw		1	1	1	1
1029	Lock washer		1	1	1	1
1033	Hexagon socket head cap screw		1	1	1	1
1034	Cable clamp		1	1	1	1
1035	Bearing cover		1	1	1	1
1036	Hexagon head screw		4	4	4	4
1037	O-ring		1	1	1	1
1038	Compensation disc		1	1	1	1
1039	Ball bearing		1	1	1	1
1040	Washer		1	1	1	1
1041	Hexagon socket head cap screw		1	1	1	1
1044	Set screw		2	2	2	2
1046	Nut		2	2	2	2
1047	Ball bearing		1	1	1	1
1048	Mechanical shaft seal		1	1	1	1
1049	Water-in-oil sensor		1	1	1	1
1050	Shim		1	1	1	1
1051	Retaining ring		1	1	1	1
1052	Plug		1	1	1	1
1053	Connection for protective earthing		-	-	1	1
1056	Seal washer		2	2	2	2
1119	PTFE tape		1	1	1	1
1173	Seal washer		1	1	1	1

AFG non-ATEX



TM04 0190 4210

SMD

SMD.09-18 (50/60 Hz) and SMD.13-23 (60 Hz North America)

Bearing, motor

Pos.	Description	99010478
1038	Compensation disc	1
1039	Ball bearing	1
1047	Ball bearing	1
1058	Circlip J 52x2	1

Cable (4G1.5+3G1.0)

Pos.	Description	96591649	96659473
181	Cable with plug	10 m / 32 ft	15 m / 49 ft
198	O-ring	1	1

Cable screened (4G2.5+3G1.0)

Pos.	Description	96102486	96689980
181	Cable with plug	10 m / 32 ft	15 m / 49 ft
198	O-ring	1	1

Connection

Pos.	Description	99010477
1013	Pin housing 7/10 DOL	1
1016	Circlip J42x1.75	1
1030	Cable shoe 2.5mm2/M6	1
1031	Connector pin, Mate-N-Lok, AMP 61086-1	7

Bolts

Pos.	Description	99010476
1021	Cylinder screw M6 x 20 316	3
1028	Cylinder screw M6 x 12 A2	1
1029	Lock washer M6	1
1040	U-Washer ø10.5/18 x 1.5 Cu	1
1041	cylinder screw M10 x 16 A4	1
1111	Cylinder screw M6 x 30 A4	1
1126	Cylinder screw M8 x 25 A4	3
1144	Countersunk screw M6 x 35 A4	3
1147	Countersunk screw M5 x 10 A4	3
1149	Cylinder screw M6 x 12 A2	2

Scraper ring

Pos.	Description	99010484
1146	Scraper Ring SMD 135/4 Pole	1
1147	Countersunk screw M5 x 10 A4	3

Stator with housing

Pos.	Description	99010479
1017	Motor Housing SMD 135/4 Pole	1
1018	Stator winded SMD 4p 1.8kW IE3 KL "F"	1

Gasket kit

Pos.	Description	99010475
198	O-Ring 34 x 3	1
1022	O-Ring 105 x 3.5	1
1040	U-Washer ø10.5/18 x 1.5 Cu	1
1098a	O-Ring 50 x 3	2
1100	O-Ring 17.86 x 2.62	1
1102	Plug R1-8" x 8mm	3
1125	O-Ring 139.29 x 3.53	1
1142	O-Ring 92 x 3.5	1
1143	O-Ring 135 x 2.5	1

Shaft seal

Pos.	Description	99010482
1051	Circlip 22 x 1.2	1
1098	Shaft seal B cpl.	1
1100	O-Ring 17.86 x 2.62	1
1149	Cylinder screw M6 x 12 A2	2

Moisture switch

Pos.	Description	99010490
1027	Flat-pin plug 1.5-2.5	2
1080	Moisture switch calibrated 5 mm	1
1081	Holder Moisture Sensor SMD	1
1082	Cylinder screw M4x8 1.4301	1
1084	Cylinder screw M3x12 1.4301	2
1085	Locknut M3 AISI 304	2
1167	Pin 4x8 AISI 304	1

Wear ring

Pos.	Description	99010483
1097	Inner ring INA 30 x 35 x 17	1
1098a	O-Ring 50 x 3	2
1102	Plug R1-8" x 8mm	3
1104	Radial Shaft Seal WD35 x 47 x 7	1
1142	O-Ring 92 x 3.5	1
1143	O-Ring 135 x 2.5	1

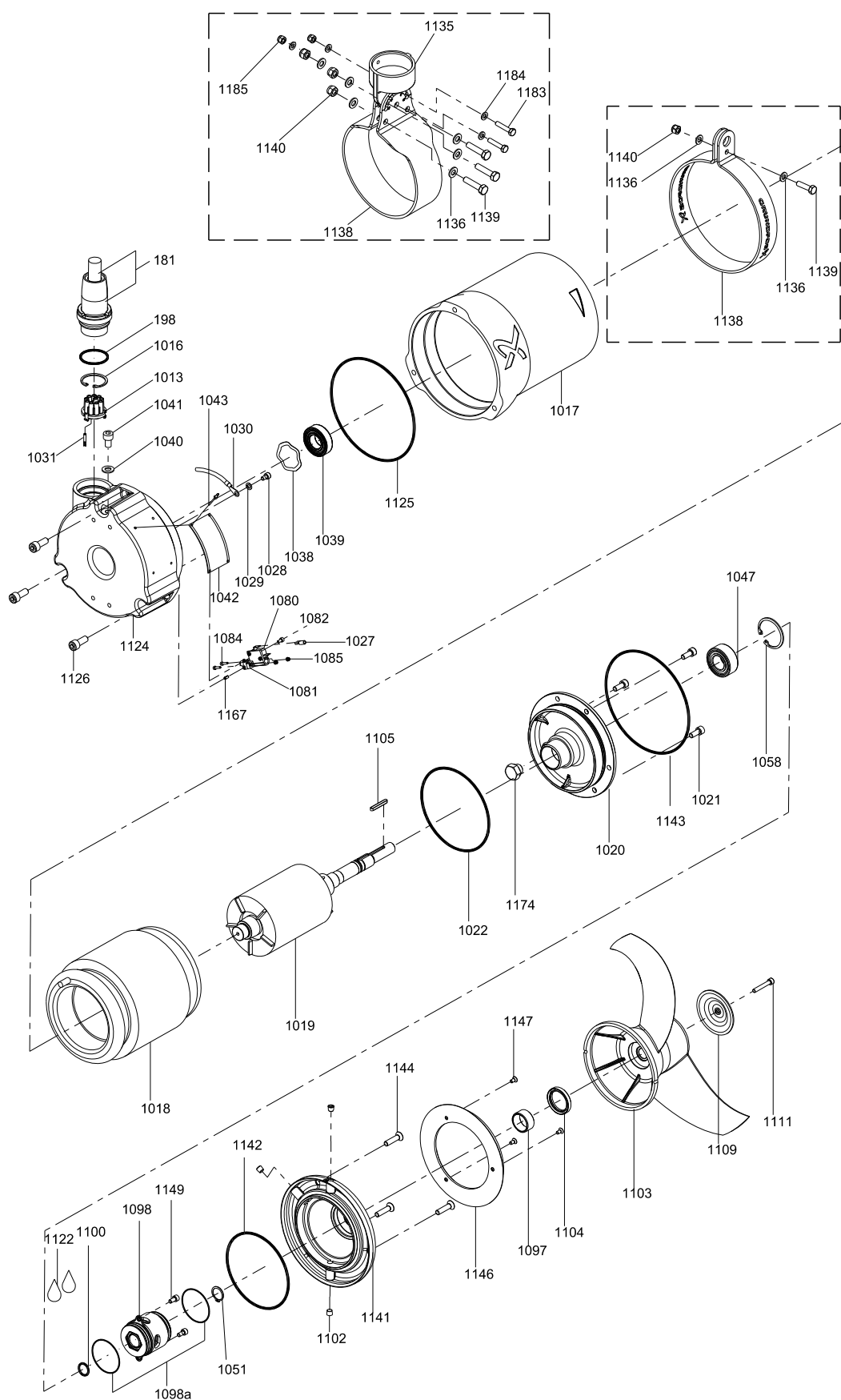
Lifting belt

Pos.	Description	99010480
1136	Washer ø8.4/16 x 1.6 A4	2
1138	Lifting belt SMD.09-18	1
1139	Hexagon screw M8 x 35 A4	1
1140	Locknut M8 AISI 316	1

Mounting belt (SMD.09-18.xx.T)

Pos.	Description	99010481
1135	Mounting device 2" x 8mm	1
1136	Washer ø8.4/16 x 1.6 A4	6
1138	Mounting belt SMD.09-18.xx.T	1
1139	Hexagon screw M8 x 35 A4	3
1140	Locknut M8 AISI 316	3
1183	Hexagon screw M6 x 30 A4	2
1184	Washer ø6.4/12 x 1.6 A4	4
1185	Locknut M6 AISI 316	2

SMD

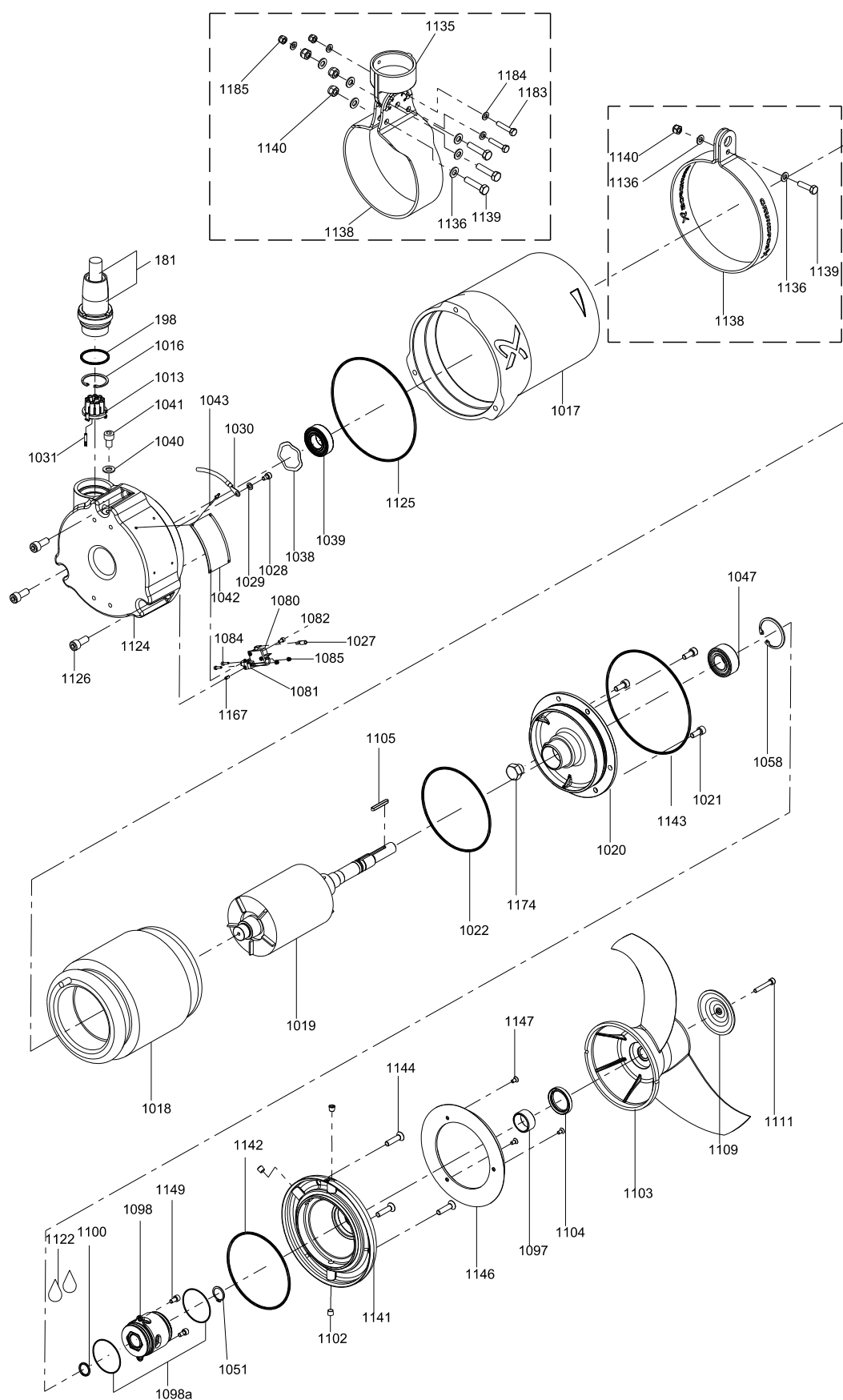


TM06 5260 4015

Propeller SMD.09 - 18

Pos.	Description	50 Hz	SMD.09.21.	SMD.11.25.	SMD.14.25.	SMD.18.25.
		60 Hz DIN	SMD.10.18.	SMD.13.21.	SMD.17.25.	
		60 Hz ANSI	SMD.13.7.	SMD.17.8.	SMD.23.10.	
		Kit no.	99010489	99010485	99010486	99010487
	Propeller SMD D18		1	-	-	-
	Propeller SMD D21		-	1	-	-
1103	Propeller SMD D25-1		-	-	1	-
	Propeller SMD D25-2		-	-	-	1
	Propeller SMD D25-3		-	-	-	-
1104	Radial Shaft Seal WD35 x 47 x 7		1	1	1	1
1105	Parallel key A5 x 5 x 28		1	1	1	1
1109	Hub cover SMD 135		1	1	1	1
1111	Cylinder screw M6 x 30 A4		1	1	1	1

SMD



TM06 5260 4015

SMD.19-35 (50/60 Hz) and SMD.30-47 (60 Hz North America)**Bearing, motor**

Pos.	Description	99010498
1038	Compensation disc	1
1039	Ball bearing	1
1047	Ball bearing	1
1058	Circlip J 52x2	1

Cable (4G1.5+3G1.0)

Pos.	Description	96689954	96689955
181	Cable with plug	10 m / 32 ft	15 m / 49 ft
198	O-ring	1	1

Cable screened (4G2.5+3G1.0)

Pos.	Description	96102490	96102491
181	Cable with plug	10 m / 32 ft	15 m / 49 ft
198	O-ring	1	1

Connection

Pos.	Description	99010497
1013	Pin housing 7/10 DOL	1
1016	Circlip J42 x 1.75	1
1030	Cable shoe 2.5mm ² /M6	1
1031	Connector pin, Mate-N-Lok, AMP 61086-1	10

Bolts

Pos.	Description	99010496
1021	Cylinder screw M8x20 1.4404	3
1028	Cylinder screw M6x12 A2	1
1029	Lock washer M6	1
1040	U-Washer ø10.5/18x1.5 Cu	1
1041	Cylinder screw M10x16 A4	1
1111	Cylinder screw M6x40 A4	1
1126	Cylinder screw M10x25 A4	3
1144	Countersunk screw M8x35 A4	3
1147	Countersunk screw M5x10 A4	3
1149	Cylinder screw M6x12 A2	2

Scraper ring

Pos.	Description	99010502
1146	Scraper Ring SMD 180/6 Pole	1
1147	Countersunk screw M5 x 10 A4	3

Stator with housing

Pos.	Description	99010499
1017	Motor Housing SMD 180/6 Pole	1
1018	Stator winded SMD 6p 1.8kW IE3 KL "H"	1

Gasket kit

Pos.	Description	99010495
198	O-Ring 42 x 3	1
1022	O-Ring 144.5 x 3.53	1
1040	U-Washer ø10.5/18 x 1.5 Cu	1
1098a	O-Ring 50 x 3	2
1100	O-Ring 17.86 x 2.62	1
1102	Plug R1-8" x 8mm	3
1125	O-Ring 180 x 3.5	1
1142	O-Ring 129.77 x 3.53	1
1143	O-Ring 183.83 x 2.62	1

Shaft seal

Pos.	Description	99010482
1051	Circlip 22 x 1.2	1
1098	Shaft seal B cpl.	1
1100	O-Ring 17.86 x 2.62	1
1149	Cylinder screw M6 x 12 A2	2

Moisture switch

Pos.	Description	99010490
1027	Flat-pin plug 1.5-2.5	2
1080	Moisture switch calibrated 5 mm	1
1081	Holder Moisture Sensor SMD	1
1082	Cylinder screw M4x8 1.4301	1
1084	Cylinder screw M3x12 1.4301	2
1085	Locknut M3 AISI 304	2
1167	Pin 4x8 AISI 304	1

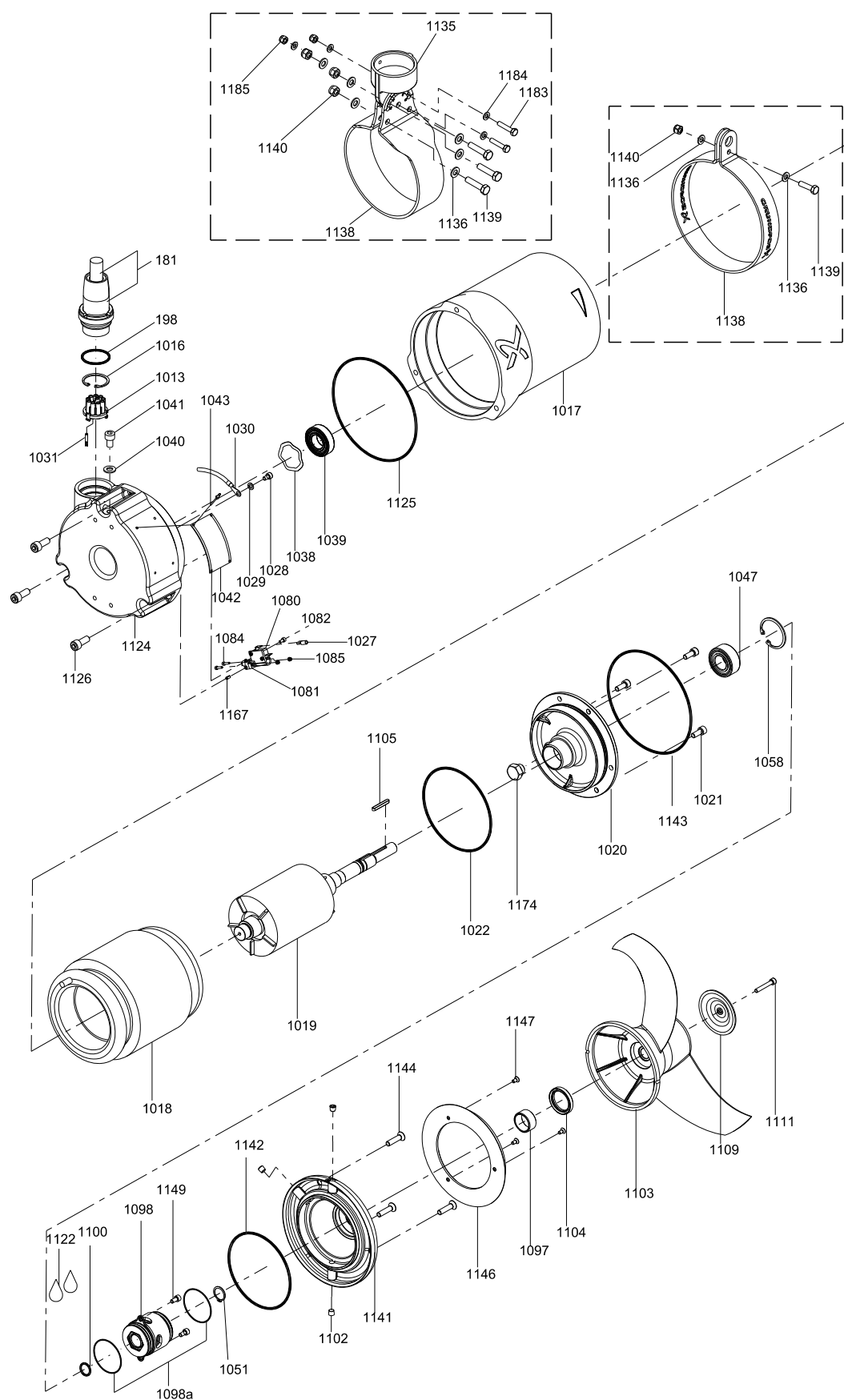
Wear ring

Pos.	Description	99010501
1097	Inner ring INA 30 x 35 x 17	1
1102	Plug R1-8" x 8mm	3
1104	Radial Shaft Seal WD35 x 47 x 7	1
1142	O-Ring 129.77x3.53	1
1143	O-Ring 183.83x2.62	1

Lifting belt

Pos.	Description	99010500
1136	Washer ø8.4/16 x 1.6 A4	2
1138	Lifting belt SMD.19-35	1
1139	Hexagon screw M8 x 35 A4	1
1140	Locknut M8 AISI 316	1

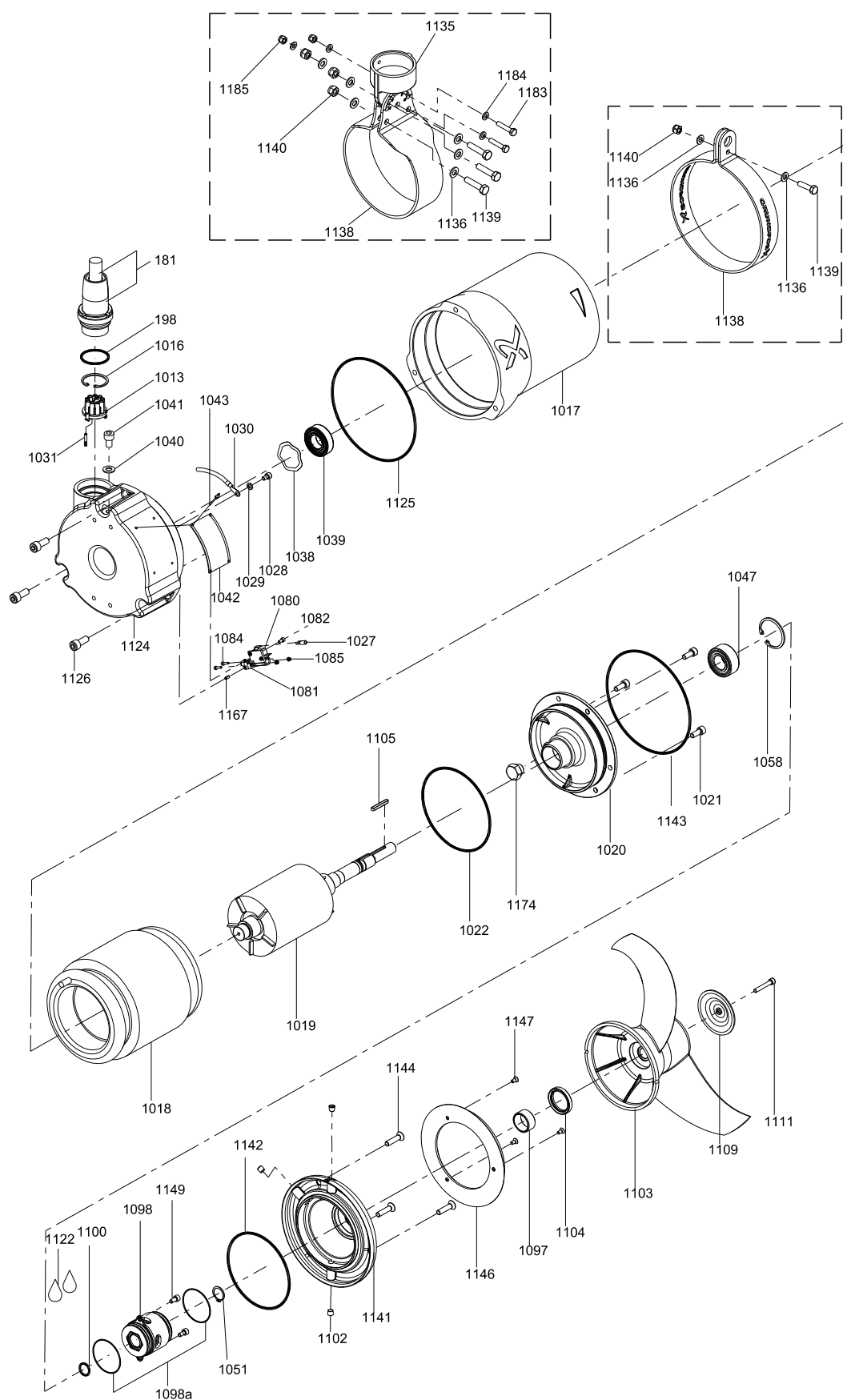
SMD



Propeller SMD.09 - 18

Pos.	Description	50 Hz	SMD.19.32.	SMD.23.37.	SMD.28.37.	SMD.35.37.
		60 Hz DIN	SMD.22.29.	SMD.26/28.32.	SMD.32/35.37.	
		60 Hz ANSI	SMD.30.11.	SMD.38.13.	SMD.47.15.	
		Kit no.	99010507	99010503	99010504	99010505
	Propeller SMD D29	1				
	Propeller SMD D32		1			
1103	Propeller SMD D37-1			1		
	Propeller SMD D37-2				1	
	Propeller SMD D37-3					1
1104	Radial Shaft Seal WD35 x 47 x 7	1	1	1	1	1
1105	Parallel key A5 x 5 x 40	1	1	1	1	1
1109	Hub cover SMD 180	1	1	1	1	1
1111	Cylinder screw M6 x 40 A4	1	1	1	1	1

SMD



TM06 5260 4015

SMG

SMG.09-40 (50/60 Hz) and SMG.12-55 (60 Hz North America)

Bearing, motor

Pos.	Description	95065458
1038	Compensation disc	1
1039	Ball bearing 6206 2RS1/C3	1
1047	Ball bearing 6207 2RS1/C3	1

Bearing, gearbox

Pos.	Description	95065459
1090	Slotted nut; elastic stop	1
1091	Lock washer	1
1092	Tapered roller bearing 30207	1
1094	Tapered roller bearing 30207	1

Cable (11G1.5)

Pos.	Description	95038410	95038411
1001	Cable	10 m / 32 ft	15 m / 49 ft
1026	Cable joint	6	6
1027	Cable joint	4	4
1030	Cable shoe	1	1

Cable entry 1.5 mm²

Pos.	Description	95065457
1003	Cable guide	1
1004	Cable sealing, large	1
1005	Thrust washer	1
1006	Cable sealing, small	1
1007	O-ring 39.45 x 1.78	1
1008	Cylinder head screw	2
1009	Cable relief	1
1025	O-ring 113.97 x 2.62	1
1026	Cable joint	10
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear housing

Note: Gear housing kit parts are pre-assembled.

Pos.	Description	95038404
1088	Gear housing	1
1089	Circlip	1
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30207	1
1093	Gear shaft	1
1094	Tapered roller bearing 30207	1
1101	Drain plug with magnet	1
1102	Plug	2
1105	Fit-in key	1
1095	Intermediate ring	1
1119	PTFE tape	1

Radial seal

Pos.	Description	95039130
1022	O-ring 158.42 x 2.62	1
1104	Lip seal Ø85/105 x 13	2
	O-Ring 85.0 x 2.5	1
1108	O-Ring 105.0 x 3.0	1
	O-Ring 184.0 x 3.0	1
1110	Washer Ø8.4/16 x 1.6 Ms	1
	Gasket NBR 70 Ø86/66 x 2	1
1157	Gasket NBR 70 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065456
1004	Cable sealing, large	1
1006	Cable sealing, small	1
1007	O-ring 39.45 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 56.82 x 2.62	1
	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1
1050	Shim washer 32 x 45 x 0.5	1
1051	Circlip	1
1108	O-ring 85.0 x 2.5	1

Shaft seal

Pos.	Description	95065462
1095	Intermediate ring	1
	Mechanical shaft seal, rotor	1
1098	Mechanical shaft seal, stator	1

Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

Pos.	Description	95037374
1022	O-ring 158.42 x 2.62	1
1097	Wear ring ceramic	1
1104	Lip seal Ø85/105 x 13	2
	O-ring 85.0 x 2.5	1
1108	O-ring 105.0 x 3.0	1
	O-ring 184.0 x 3.0	1
1110	Washer Ø4/16 x 1.6 Ms	1
	Gasket NBR 70 Ø86/66 x 2	1
1157	Gasket NBR 70 96 x 75 x 2	1

This diagram is an exploded view of a mechanical assembly, likely a pump or motor component. It shows various parts arranged along a central axis, with dashed lines indicating their relative positions and assembly sequence. The parts are numbered as follows:

- 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671

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Gear

Pos.	Description	50 Hz	SMG.09.55 SMG.12.63 SMG.16.63	-	SMG.30.71 SMG.36.71	SMG.20.71 SMG.25.71	-
		60 Hz SI	-	SMG.09.55 SMG.12.63 SMG.16.63	-	SMG.33.71 SMG.38.71 SMG.40.71	SMG.20.71 SMG.25.71
		60 Hz US	-	SMG.12.22 SMG.16.25 SMG.22.25	-	SMG.44.28 SMG.55.28	SMG.27.28 SMG.34.28
		Kit No	i = 3.556 95065513	i = 4.286 95065494	i = 4.833 95065510	i = 5.600 95066609	i = 6.750 95065523
1060	Sun wheel		1	1	1	1	1
1062	Ring gear		1	1	1	1	1
1067	Planet gear complete		1	1	1	1	1

Motor

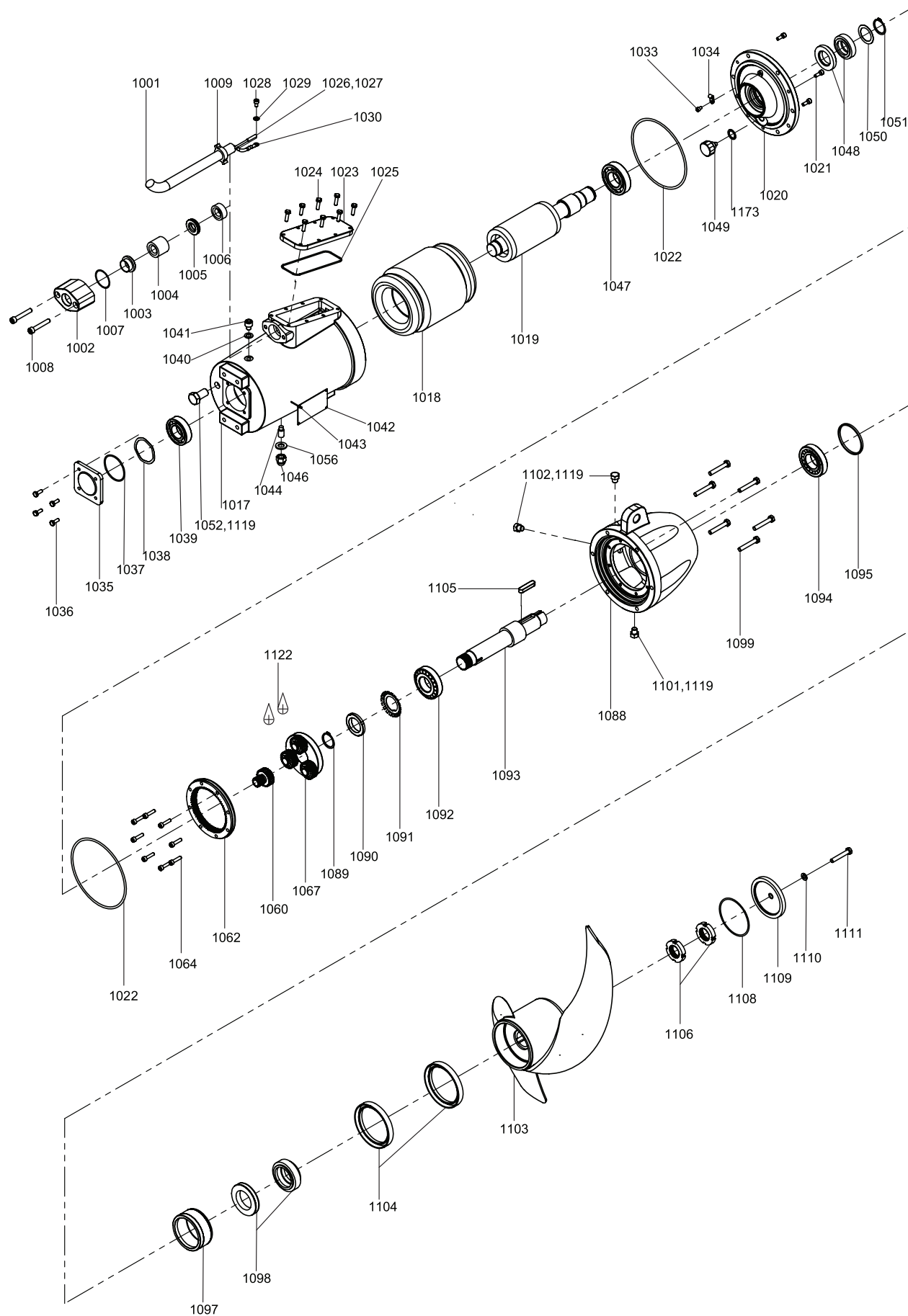
Note: Motor kit parts are pre-assembled.

Pos.	Description	50/60 Hz	SMG.09-16	SMG.20-40
		60 Hz US	SMG.12-22	SMG.27-55
		Kit No	95039700	95039701
1002	Cable flange		1	1
1007	O-ring		1	1
1008	Cylinder head screw		2	2
1017	Motor housing		1	1
1018	Stator winded 6-pole 1.8 kW (2.4 hp)		1	-
	Stator winded 4-pole 3.6 kW (4.8 hp)		-	1
1019	Rotor with shaft 6-pole 1.8 kW (2.4 hp)		1	-
	Rotor with shaft 4-pole 3.6 kW (4.8 hp)		-	1
1020	Motor flange		1	1
1021	Cylinder head screw		3	3
1022	O-ring		2	2
1023	Terminal box cover		1	1
1024	Hexagon screw		8	8
1025	O-ring		1	1
1028	Cylinder head screw		1	1
1029	Lock washer		1	1
1033	Cylinder head screw		1	1
1034	Cable clamp		1	1
1035	Bearing cover		1	1
1036	Hexagon head screw		4	4
1037	O-ring 56.82 x 2.62		1	1
1038	Compensation disc		1	1
1039	Ball bearing		1	1
1040	Washer		1	1
1041	Cylinder head screw		1	1
1044	Set screw		1	1
1046	Nut		1	1
1047	Ball bearing		1	1
1048	Mechanical shaft seal, rotor		1	1
	Mechanical shaft seal, stator		1	1
1049	Water-in-oil sensor		1	1
1050	Shim washer		1	1
1051	Circlip		1	1
1052	Plug		1	1
1056	Seal washer		1	1
1173	Seal washer		1	1

Propeller

Pos.	Description	50/60 Hz	SMG.09.55	SMG.12.63	SMG.16.63	SMG.20/30/33.71	SMG.25/36/38/40.71
		60 Hz US	SMG.12.22	SMG.16.25	SMG.22.25	SMG. 27/44.28	SMG.34/55.28
		AISI 304	95039713	95039715	95039717	95039719	95039721
		AISI 316	95039714	95039716	95039718	95039720	95039722
1103	Propeller 0.9 kW (1.2 hp)		1	-	-	-	-
	Propeller 1.2 kW (1.6 hp)		-	1	-	-	-
	Propeller 1.6 kW (2.2 hp)		-	-	1	-	-
	Propeller 2.0/3.0/3.3 kW (2.7/4.4 hp)		-	-	-	1	-
	Propeller 2.5/3.6/3.8/4.0 kW (3.4/5.5 hp)		-	-	-	-	1
1104	Lip seal		2	2	2	2	2
1105	Fit-in key		1	1	1	1	1
1106	Slotted nut		2	2	2	2	2
1108	Gasket		1	1	1	1	1
1109	Hub cover		1	1	1	1	1
1110	Washer		1	1	1	1	1
1111	Hexagon head screw		1	1	1	1	1

SMG.09-40 (50/60 Hz) and SMG.12-55 (60 Hz North America)



SMG.48-120 (50/60 Hz) and SMG.75-160 (60 Hz North America)**Bearing, motor**

Pos.	Description	96645955
1038	Compensation disc	1
1039	Ball bearing 6208 2RS1/C3	1
1047	Ball bearing 6010 2RS1/C3	1

Bearing, gearbox

Pos.	Description	95065467
1090	Slotted nut; elastic stop	1
1092	Tapered roller bearing 30209	1
1094	Tapered roller bearing 32209	1

Cable (11G2.5)

Pos.	Description	95038486	95038487
1001	Cable	10 m / 32 ft	15 m / 49 ft
1026	Cable joint	6	6
1027	Cable joint	4	4
1030	Cable shoe	1	1

Cable entry 2.5 mm²

Pos.	Description	95065465
1003	Cable guide	1
1004	Cable sealing large	1
1005	Thrust washer	1
1006	Cable sealing small	1
1007	O-ring	1
1008	Hexagon socket head cap screw	2
1009	Cable relief	1
1025	O-ring 139.29 x 3.53	1
1026	Cable joint	10
1030	Cable shoe	7
-	Shrink tube for connections	10

Gear housing**Note:** Gear housing kit parts are pre-assembled.

Pos.	Description	95038481
1088	Gear housing	1
1089	Circlip	1
1090	Slotted nut	1
1092	Tapered roller bearing 30209	1
1093	Gear shaft	1
1094	Tapered roller bearing 32209	1
1101	Drain plug with magnet	1
1102	Plug	2
1105	Fit-in key	1
1119	PTFE tape	1

Radial seal

Pos.	Description	95039131
1022	O-ring 215.59 x 2.62	1
1104	Lip seal Ø100/120 x 12	2
1108	O-ring 94.92 x 2.62	1
	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer Ø10.5 / 20 x 2.0	1
1157	Gasket 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065464
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1022	O-ring 215.57 x 2.62	2
1025	O-ring 139.29 x 3.53	1
1037	O-ring 75.87 x 2.62	1
1048	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1
1050	Shim washer	1
1051	Circlip	1
1108	O-ring 94.92 x 2.62	1

Shaft seal

Pos.	Description	95065470
1098	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1

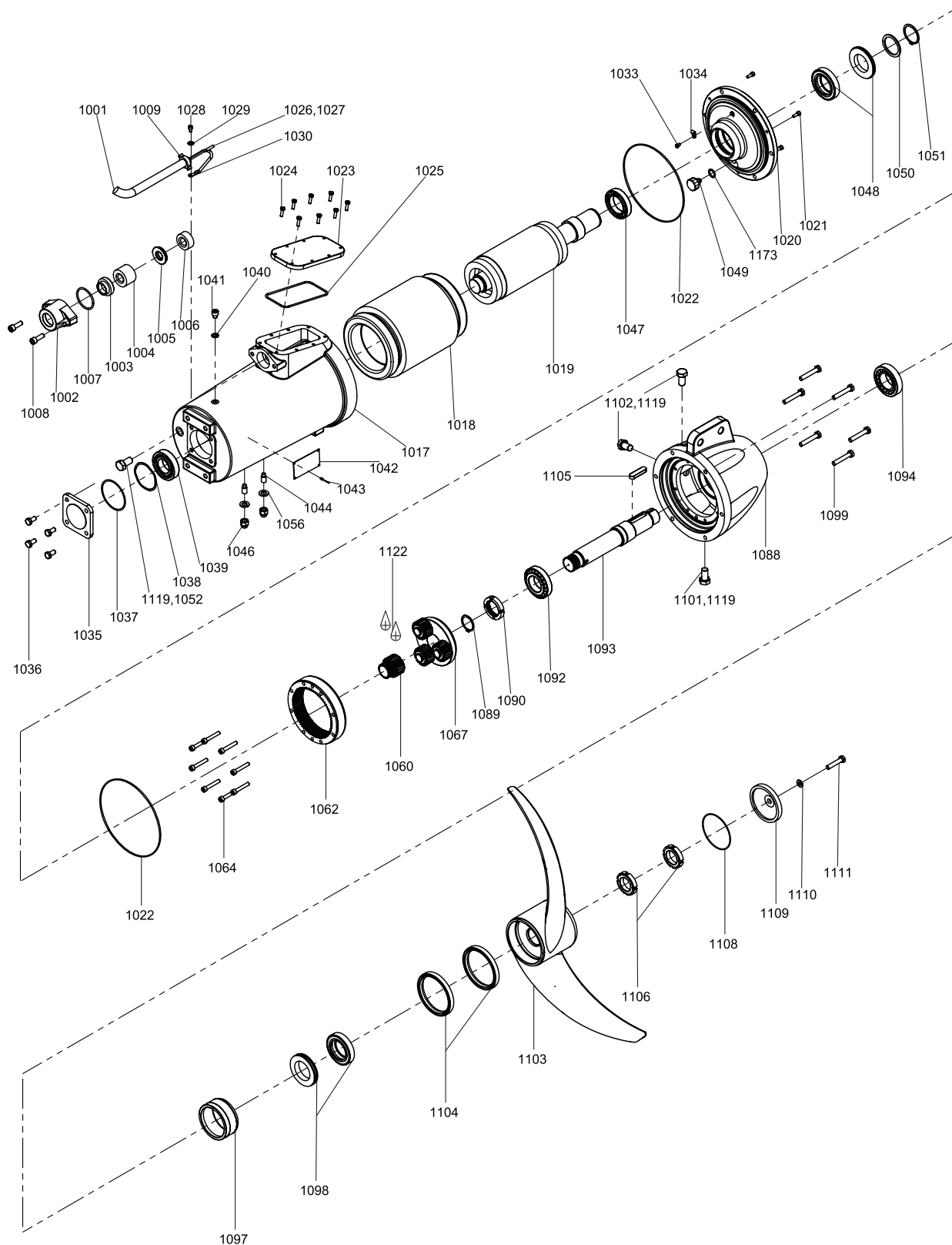
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

Pos.	Description	95037375
1022	O-ring 215.59 x 3.53	1
1097	Wear ring ceramic	1
1104	Lip seal Ø100/120 x 12	2
1108	O-ring 94.92 x 2.62	1
	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer	1
1157	Gasket 96 x 75 x 2	1

SMG.48-120 (50/60 Hz) and SMG.75-160 (60 Hz North America)



TM06 2484 4314

Gear

Pos.	Description	50 Hz	SMG.48.73 SMG.85.86 SMG.110.86	SMG.56.86 SMG.70.86	-
		60 Hz SI	-	SMG.95.86 SMG.120.86	SMG.56.86 SMG.70.86
		60 Hz US	-	SMG.130.34 SMG.160.34	SMG.75.34 SMG.95.34
		Kit No	i = 4.833 95065518	i = 5.600 95065517	i = 6.750 95065524
1060	Sun wheel		1	1	1
1062	Ring gear		1	1	1
1067	Planet gear complete		1	1	1

Motor

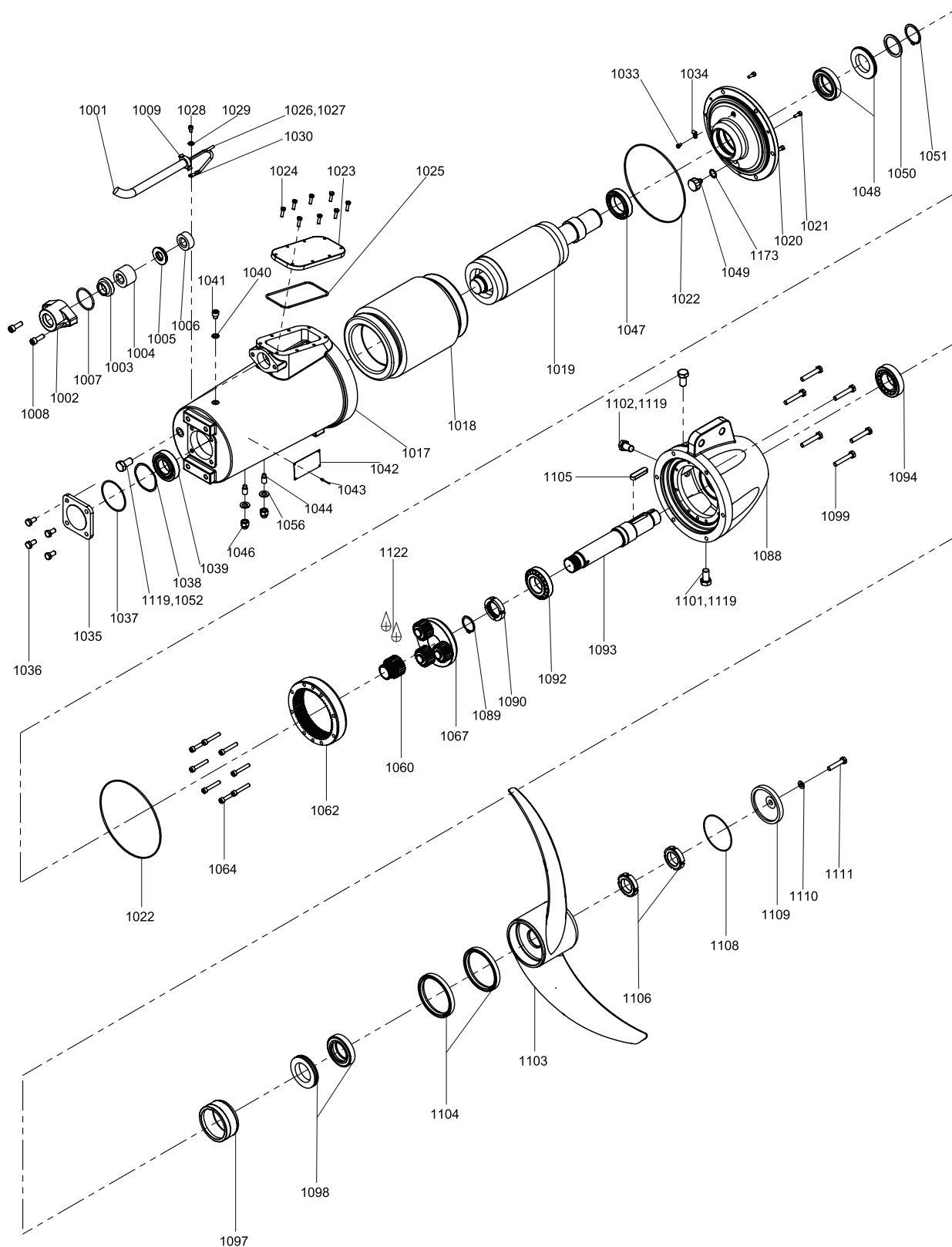
Note: Motor kit parts are pre-assembled.

Pos.	Description	50/60 Hz	SMG.48-70	SMG.85-120
		60 Hz US	SMG.75-95	SMG.130-160
		Kit No	95039702	95039703
1002	Cable flange		1	1
1007	O-ring		1	1
1008	Cylinder head screw		2	2
1017	Motor housing		1	1
1018	Stator winded 4-pole 7.0 kW (9.5 hp)		1	-
	Stator winded 4-pole 13.0 kW (17.5 hp)		-	1
1019	Rotor with shaft 4-pole 7.0 kW (9.5 hp)		1	-
	Rotor with shaft 4-pole 13.0 kW (17.5 hp)		-	1
1020	Motor flange		1	1
1021	Cylinder head crew		3	3
1022	O-ring		2	2
1023	Terminal box cover		1	1
1024	Hexagon screw		8	8
1025	O-ring		1	1
1028	Cylinder head screw		1	1
1029	Lock washer		1	1
1033	Cylinder head screw		1	1
1034	Cable clamp		1	1
1035	Bearing cover		1	1
1036	Hexagon head screw		4	4
1037	O-ring		1	1
1038	Compensation disc		1	1
1039	Ball bearing 6208		1	1
1040	U-washer		1	1
1041	Cylinder head screw		1	1
1044	Set screw		2	2
1046	Nut		2	2
1047	Ball bearing 6010		1	1
1048	Mechanical shaft seal, rotor		1	1
	Mechanical shaft seal, stator		1	1
1049	Water-in-oil sensor		1	1
1050	Shim washer		1	1
1051	Circlip		1	1
1052	Plug		1	1
1056	Seal washer		2	2
1173	Seal washer		1	1

Propeller

Pos.	Description	50/60 Hz	SMG.48.73	SMG.56/85/95.86	SMG.70/110/120.86
		60 Hz US	-	SMG.75/130.34	SMG.95/160.34
		AISI 304	95039723	95039725	95039727
		AISI 316	95039724	95039726	95039728
1103	Propeller 4.8 kW (-)		1	-	-
	Propeller 5.6/8.5/9.5 kW (7.5/13.0 hp)		-	1	-
	Propeller 7.0/11.0/12.0 kW (9.5/16.0 hp)		-	-	1
1104	Lip seal		2	2	2
1105	Fit-in key		1	1	1
1106	Slotted nut		2	2	2
1108	Gasket		1	1	1
1109	Hub cover		1	1	1
1110	Washer		1	1	1
1111	Screw		1	1	1

SMG.48-120 (50/60 Hz) and SMG.75-160 (60 Hz North America)



TM06 2484 4314

SMG.140-180 (50/60 Hz) and SMG.220 (60 Hz North America)**Bearing, motor**

Pos.	Description	95065474
1038	Compensation disc	1
1039	Ball bearing 6210 2RS1/C3	1
1047	Ball bearing 6210 2RS1/C3	1

Bearing, gearbox

Pos.	Description	95065475
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30212	1
1094	Tapered roller bearing 33212	1

Cable (7G4+4x1.0)

Pos.	Description	95038520	95038521
1001	Cable	10 m / 32 ft	15 m / 49 ft
1026	Cable joint	6	6
1027	Cable joint	4	4
1030	Cable shoe	1	1

Cable entry 4.0 mm²

Pos.	Description	95065473
1003	Cable guide	1
1004	Cable sealing, large	1
1005	Thrust washer	1
1006	Cable sealing, small	1
1007	O-ring 54.0 x 3.0	1
1008	Cylinder head screw	2
1009	Cable relief	1
1025	O-ring 139.29 x 3.53	1
1026	Cable joint	6
1027	Cable joint, small	4
1030	Cable shoe	7
-	Shrink tube for connections	10

Gear housing**Note:** Gear housing kit parts are pre-assembled.

Pos.	Description	95038516
1088	Gear housing	1
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30212	1
1093	Gear shaft	1
1094	Tapered roller bearing 33212	1
1095	Intermediate ring	1
1101	Drain plug with magnet	1
1102	Plug	2
1105	Fit-in key	1
1119	PTFE tape	1

Propeller

Pos.	Description	50/60 Hz	SMG.140-180
		60 Hz US	SMG.220
		AISI 304	95039729
		AISI 316	95039730
1103	Propeller 18.0 kW (22 hp)		1
1104	Lip seal		2
1105	Fit-in key		1
1106	Slotted nut		2
1108	Gasket		1
1109	Hub cover		1
1110	Washer		1
1111	Screw		1

Radial seal

Pos.	Description	95039132
1022	O-ring 253.59 x 3.53	1
1104	Lip seal Ø125/150 x 12	2
1108	O-ring 120.24 x 3.53	1
	O-ring 225.0 x 3.0	1
	O-ring 94.92 x 2.62	1
1110	Washer Ø13 / 24 x 2.5	1

Gasket kit

Pos.	Description	95065472
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 54.0 x 3.0	1
1022	O-ring 253.59 x 3.53	2
1025	O-ring 139.29 x 3.53	1
1037	O-ring 91.67 x 3.53	1
1048	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1
1050	Shim washer	1
1051	Circlip	1
1108	O-ring 120.2 x 3.53	1

Shaft seal

Pos.	Description	95065478
1095	Intermediate ring	1
1098	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1

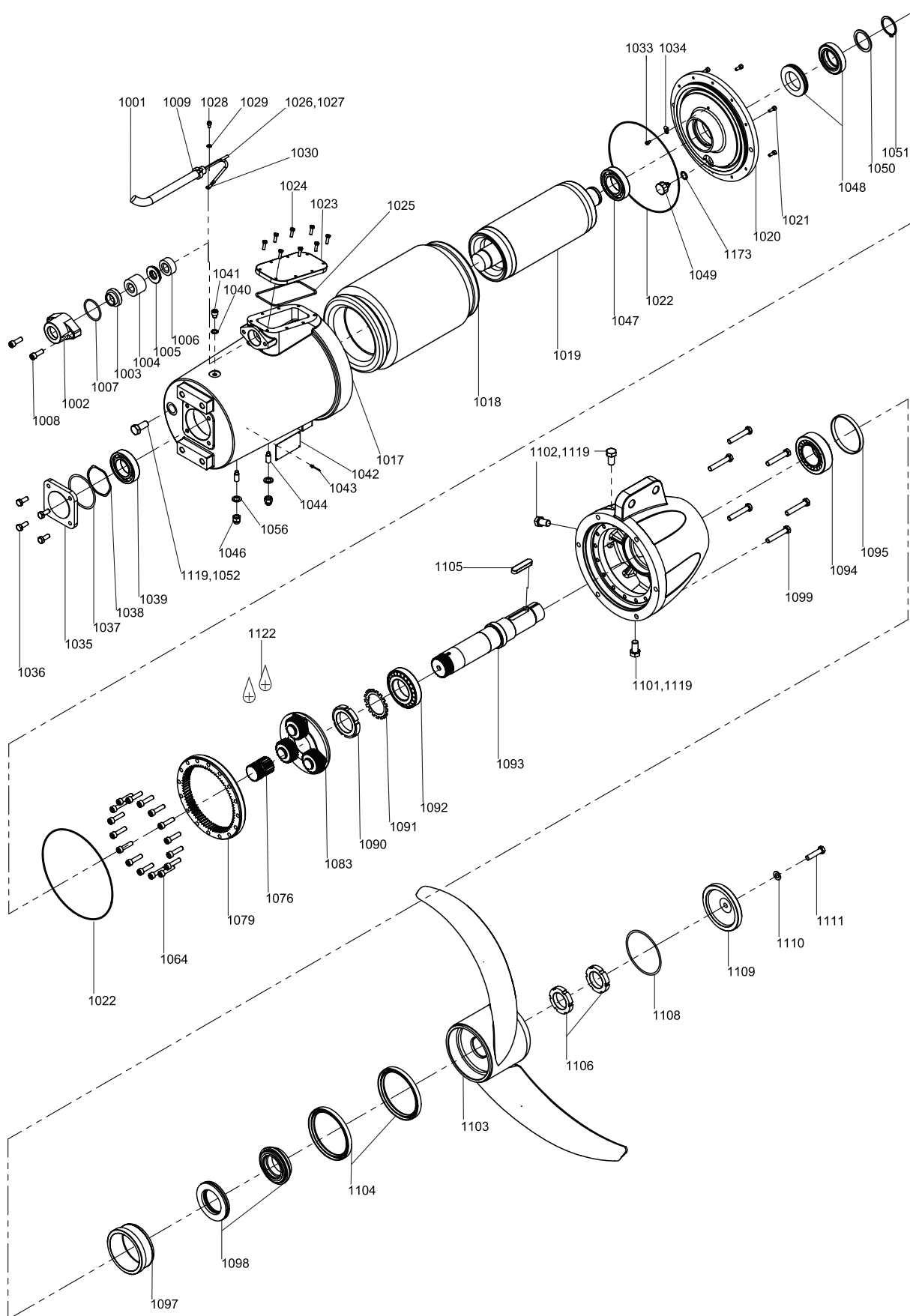
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

Pos.	Description	95037376
1022	O-ring 253.59 x 3.53	1
1097	Wear ring ceramic	1
1104	Lip seal Ø125/150 x 12	2
1108	O-ring 120.2 x 3.53	1
	O-ring 225.0 x 3.0	1
	O-ring 94.92 x 2.62	1
1110	Washer	1

SMG.140-180 (50/60 Hz) and SMG.220 (60 Hz North America)



TM06 3063 4514

Gear

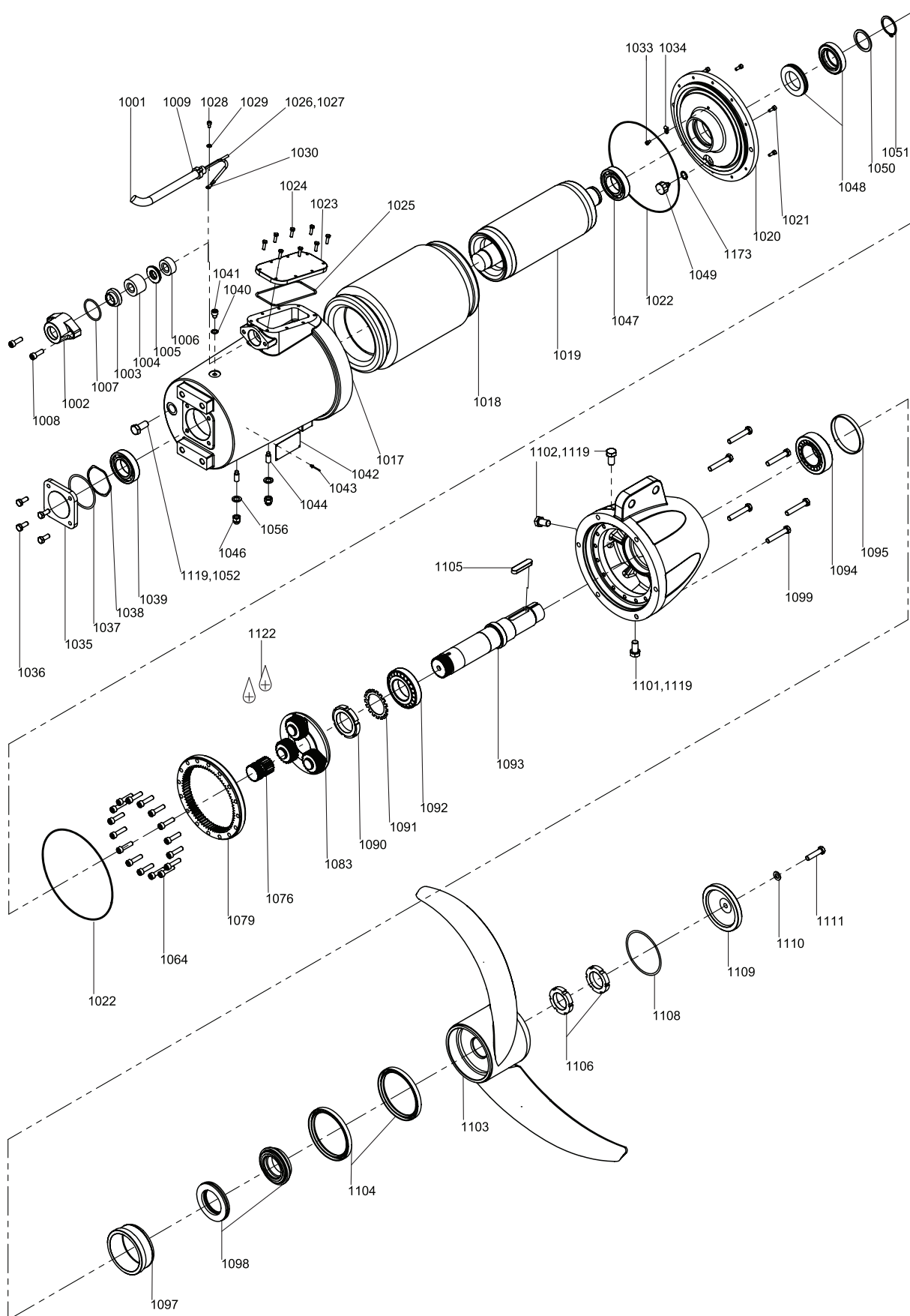
Pos.	Description	50 Hz	SMG.180.90	SMG.140.90	-
		60 Hz SI	-	-	SMG.160.90
		60 Hz US	-	-	SMG.220.35
		Kit No	i = 4.125 95065496	i = 4.571 95038611	i = 5.167 95065525
1076	Sun wheel		1	1	1
1079	Ring gear		1	1	1
1083	Planet carrier		1	1	1

Motor

Note: Motor kit parts are pre-assembled.

Pos.	Description	50/60 Hz	SMG.140-180
		60 Hz US	SMG.220
		Kit No	95039704
1002	Cable flange		1
1007	O-ring		1
1008	Cylinder head screw		2
1017	Motor housing		1
1018	Stator winded 4-pole 24 kW (32 hp)		1
1019	Rotor with shaft 4-pole 24 kW (32 hp)		1
1020	Motor flange		1
1021	Screw		6
1022	O-ring		2
1023	Terminal box cover		1
1024	Screw		8
1025	O-ring		1
1028	Cylinder head screw		1
1029	Lock washer		1
1033	Screw		1
1034	Cable clamp		1
1035	Bearing cover		1
1036	Screw		4
1037	O-ring		1
1038	Compensation disc		1
1039	Ball bearing 6210		1
1040	U-washer		1
1041	Screw		1
1044	Set screw		2
1046	Nut		2
1047	Ball bearing 6210		1
1048	Mechanical shaft seal, rotor		1
	Mechanical shaft seal, stator		1
1049	Water-in-oil sensor		1
1050	Shim		1
1051	Retaining ring		1
1052	Plug		1
1056	Seal washer		2
1173	Seal washer		1

SMG.140-180 (50/60 Hz) and SMG.220 (60 Hz North America)



TM06 3063 4514

SFG

SFG.xx.130 (50/60 Hz) and SFG.xx.51 (60 Hz North America)

Bearing, motor

Pos.	Description	95065458
1038	Compensation disc	1
1039	Ball bearing 6206 2RS1/C3	1
1047	Ball bearing 6207 2RS1/C3	1

Bearing, gearbox

Pos.	Description	95065459
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30207	1
1094	Tapered roller bearing 30207	1

Cable (11G1.5)

Pos.	Description	95038410	95038411
1001	Cable	10 m / 32 ft	15 m / 49 ft
1026	Cable joint	6	6
1027	Cable joint	4	4
1030	Cable shoe	1	1

Cable entry 1.5 mm²

Pos.	Description	95065457
1003	Cable guide	1
1004	Cable sealing, large	1
1005	Thrust washer	1
1006	Cable sealing, small	1
1007	O-ring 39.45 x 1.78	1
1008	Cylinder head screw	2
1009	Cable relief	1
1025	O-ring 113.97 x 2.62	1
1026	Cable joint	10
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear housing

Note: Gear housing kit parts are pre-assembled.

Pos.	Description	95038404
1088	Gear housing	1
1089	Circlip	1
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30207	1
1093	Gear shaft	1
1094	Tapered roller bearing 30207	1
1095	Intermediate ring	1
1101	Drain plug with magnet	1
1102	Plug	2
1105	Fit-in key	1
1119	PTFE tape	1

Propeller

Pos.	Description	95039731
1103	Propeller	1
1104	Lip seal	2
1105	Fit-in key	1
1106	Slotted nut	2
1108	Gasket	1
1109	Hub cover	1
1110	Washer	1
1111	Hexagon head crew	1

Radial seal

Pos.	Description	95039130
1073	O-ring 158.42 x 2.62	1
1104	Lip seal Ø85/105 x 12	2
1108	O-ring 85.0 x 2.5	1
	O-ring 105.0 x 3.0	1
	O-ring 184.0 x 3.0	1
1110	Washer Ø8.4/16 x 1.6	1
1157	Gasket NBR 70 Ø86/66 x 2	1
	Gasket NBR 70 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065480
1004	Cable sealing, large	1
1006	Cable sealing, small	1
1007	O-ring 39.45 x 1.78	1
1022	O-ring 158.42 x 2.62	3
1025	O-ring 113.97 x 2.62	1
1037	O-ring 56.82 x 2.62	1
1048	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1
1050	Shim	1
1051	Circlip	1
1157	Gasket NBR 70 Ø86/66 x 2	-
	Gasket NBR 70 96 x 75 x 2	1

Shaft seal

Pos.	Description	95065462
1095	Intermediate ring	1
1098	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1

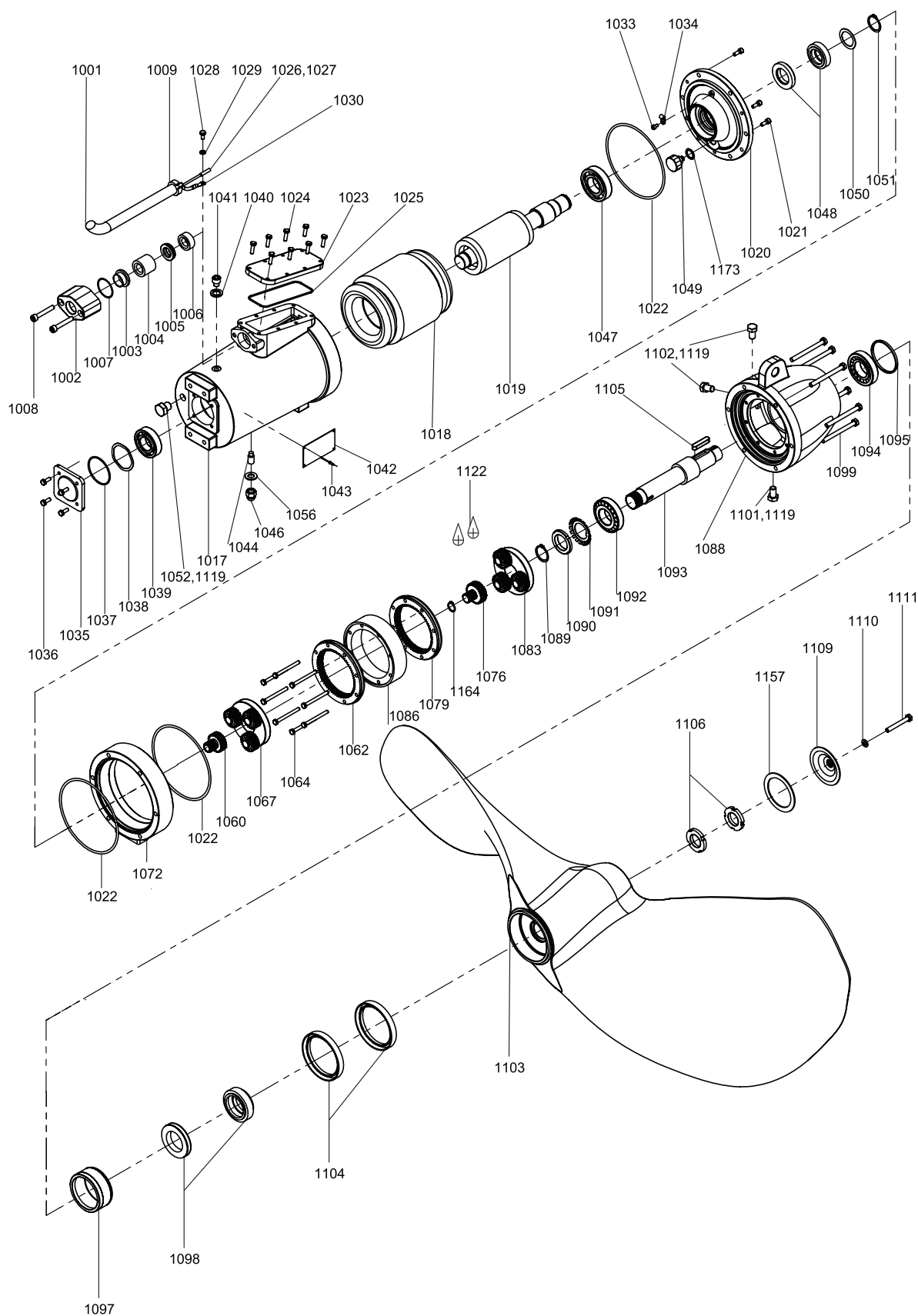
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

Pos.	Description	95037374
1022	O-ring 158.42 x 2.62	1
1097	Wear ring ceramic	1
1104	Lip seal Ø85/105 x 12	2
1108	O-ring 85.0 x 2.5	1
	O-ring 105.0 x 3.0	1
	O-ring 184.0 x 3.0	1
1110	Washer Ø8.4/16 x 1.6	1
1157	Gasket NBR 70 Ø86/66 x 2	1
	Gasket NBR 70 96 x 75 x 2	1

SFG.xx.130 (50/60 Hz) and SFG.xx.51 (60 Hz North America)



TM06 2483 4314

Gear

50 Hz	60 Hz SI	60 Hz US	STEP 1				STEP 2		
			i = 4.286	i = 4.833	i = 5.600	i = 6.750	i = 3.556	i = 3.875	i = 4.286
SFG.07.130			95065509				95038555		
	SFG.07.130	SFG.10.51	95065509					95038554	
SFG.10.130			95065510				95038555		
	SFG.10.130	SFG.14.51	95065510					95039554	
SFG.14.130			95065494				95038555		
	SFG.14.130	SFG.19.51	95065494					95039554	
SFG.17.130			95065509				95039709		
	SFG.17.130	SFG.23.51	95065523				95039709		
SFG.22.130			95065509				95038555		
	SFG.22.130	SFG.30.51	95065523				95038555		
SFG.27.130			95065494					95038554	
	SFG.29.130	SFG.39.51	95065509				95039709		
SFG.33.130			95065510				95038555		
	SFG.33.130	SFG.44.51	95065510					95038554	
SFG.36.130			95065494				95039709		
	SFG.36.130	SFG.48.51	95065509				95038555		

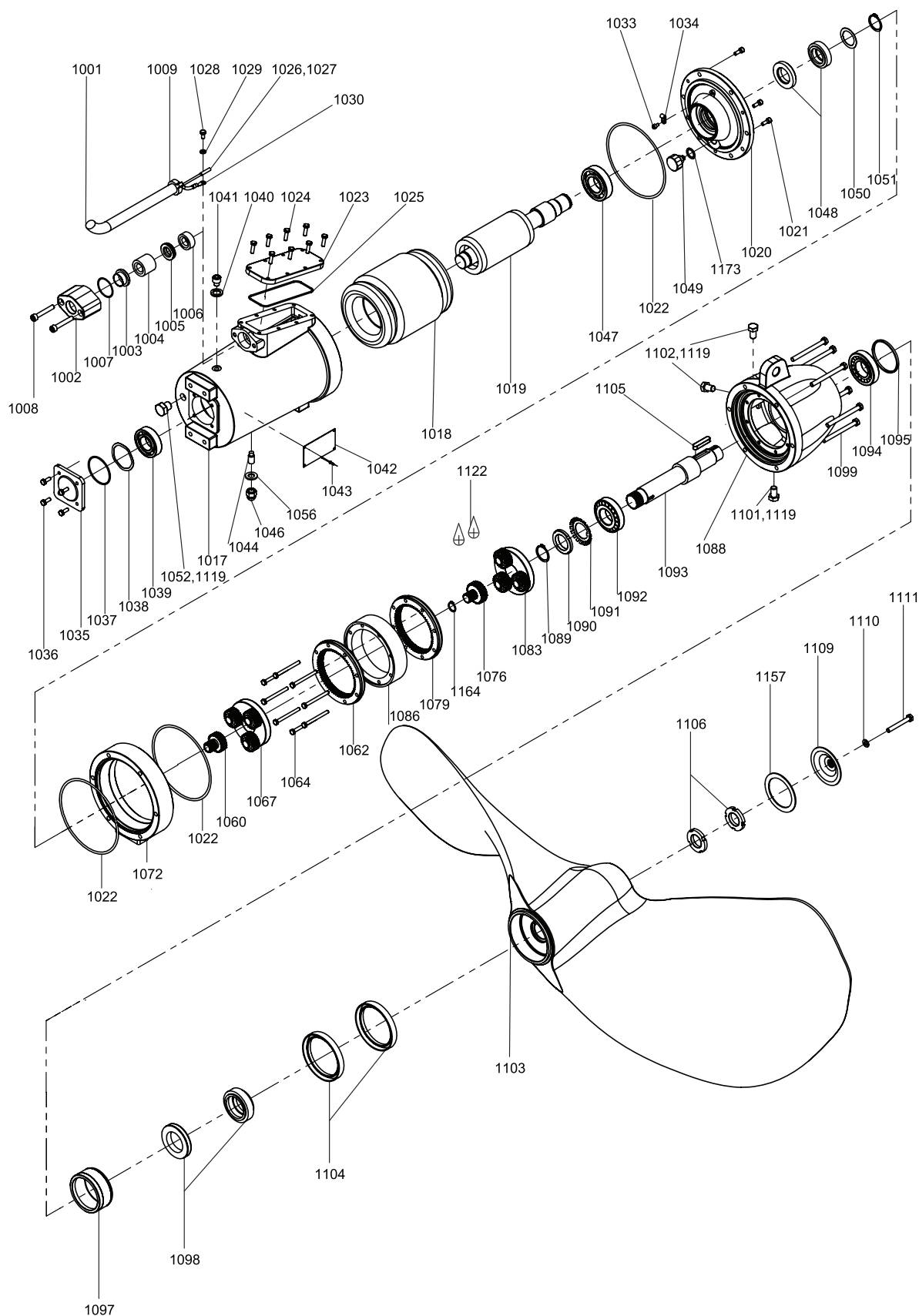
Pos.	Description	95065494	95065510	95065509	95065523	95038555	95039709	95038554
1060	Sun wheel	1	1	1	1	-	-	-
1062	Ring gear	1	1	1	1	-	-	-
1067	Planet gear complete	1	1	1	1	-	-	-
1076	Sun wheel	-	-	-	-	1	1	1
1079	Ring gear	-	-	-	-	1	1	1
1083	Planet carrier	-	-	-	-	1	1	1
1164	Circlip	-	-	-	-	1	1	1

Motor

Note: Motor kit parts are pre-assembled.

Pos.	Description	50/60 Hz	SFG.07-14.130	SFG.17-36.130
		60 Hz US	SFG.10-19.51	SFG.23-48.51
		Kit No	95039700	95039701
1002	Cable flange		1	1
1007	O-ring		1	1
1008	Cylinder head screw		2	2
1017	Motor housing		1	1
1018	Stator winded 6-pole 1.8 kW (2.4 hp)		1	-
	Stator winded 4-pole 3.6 kW (4.8 hp)		-	1
1019	Rotor with shaft 6-pole 1.8 kW (2.4 hp)		1	-
	Rotor with shaft 4-pole 3.6 kW (4.8 hp)		-	1
1020	Motor flange		1	1
1021	Cylinder head screw		3	3
1022	O-ring		2	2
1023	Terminal box cover		1	1
1024	Hexagon screw		8	8
1025	O-ring		1	1
1028	Cylinder head screw		1	1
1029	Lock washer		1	1
1033	Cylinder head screw		1	1
1034	Cable clamp		1	1
1035	Bearing cover		1	1
1036	Hexagon head screw		4	4
1037	O-ring		1	1
1038	Compensation disc		1	1
1039	Ball bearing 6206		1	1
1040	Washer		1	1
1041	Cylinder head screw		1	1
1044	Set screw		1	1
1046	Nut		1	1
1047	Ball bearing 6207		1	1
1048	Mechanical shaft seal, rotor		1	1
	Mechanical shaft seal, stator		1	1
1049	Water-in-oil sensor		1	1
1050	Shim washer		1	1
1051	Circlip		1	1
1052	Plug		1	1
1056	Seal washer		1	1
1173	Seal washer		1	1

SFG.xx.130 (50/60 Hz) and SFG.xx.51 (60 Hz North America)



TM06 2483 4314

SFG.xx.180 (50/60 Hz) and SFG.xx.71 (60 Hz North America)**Bearing, motor**

Pos.	Description	95065458
1038	Compensation disc	1
1039	Ball bearing 6206 2RS1/C3	1
1047	Ball bearing 6207 2RS1/C3	1

Bearing, gearbox

Pos.	Description	95065467
1090	Slotted nut; elastic stop	1
1092	Tapered roller bearing 30209	1
1094	Tapered roller bearing 32209	1

Cable (11G1.5)

Pos.	Description	95038410	95038411
1001	Cable	10 m / 32 ft	15 m / 49 ft
1026	Cable joint	6	6
1027	Cable joint	4	4
1030	Cable shoe	1	1

Cable entry 1.5 mm²

Pos.	Description	95065457
1003	Cable guide	1
1004	Cable sealing, large	1
1005	Thrust washer	1
1006	Cable sealing, small	1
1007	O-ring 39.45 x 1.78	1
1008	Cylinder head screw	2
1009	Cable relief	1
1025	O-ring 113.97 x 2.62	1
1026	Cable joint	10
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear housing**Note:** Gear housing kit parts are pre-assembled.

Pos.	Description	95038481
1088	Gear housing	1
1089	Circlip	1
1090	Slotted nut	1
1092	Tapered roller bearing 30209	1
1093	Gear shaft	1
1094	Tapered roller bearing 32209	1
1101	Drain plug with magnet	1
1102	Plug	2
1105	Fit-in key	1
1119	PTFE tape	3

Propeller

Pos.	Description	50/60 Hz	SFG.07-29.180	SFG.32-40.180
		60 Hz US	SFG.10-39.71	SFG.47-55.71
		Kit No	2 blades 95039732	3 blades 95039733
1104	Lip seal Ø100/120 x 12		2	2
1105	Fit-in key		1	1
1106	Slotted nut		2	2
1109	Hub cover		1	1
1110	Washer		1	1
1111	Screw		1	1
1112	Hub (2 blades)		1	-
	Hub (3 blades)		-	1
1115	Hexagon head screw		4	6
1157	Gasket NBR 70 96 x 75 x 2		1	1
1159	Washer		8	12
1160	Nut		4	6
1161	Hexagon head screw		2	3
1162	Propeller blade type Ø1800		2	3

Radial seal

Pos.	Description	95039131
1073	O-ring 215.57 x 2.62	1
1104	Lip seal Ø100/120 x 13	2
1108	O-ring 94.92 x 2.62	1
	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer Ø10.5/20 x 2 Ms	1
1157	Gasket NBR 70 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065483
1004	Cable sealing, large	1
1006	Cable sealing, small	1
1007	O-ring 39.45 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 56.82 x 2.62	1
1048	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1
1050	Shim washer	1
1051	Circlip	1
1073	O-ring 215.57 x 2.62	1
1157	Gasket NBR 70 96 x 75 x 2	1

Shaft seal

Pos.	Description	95065470
1098	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1

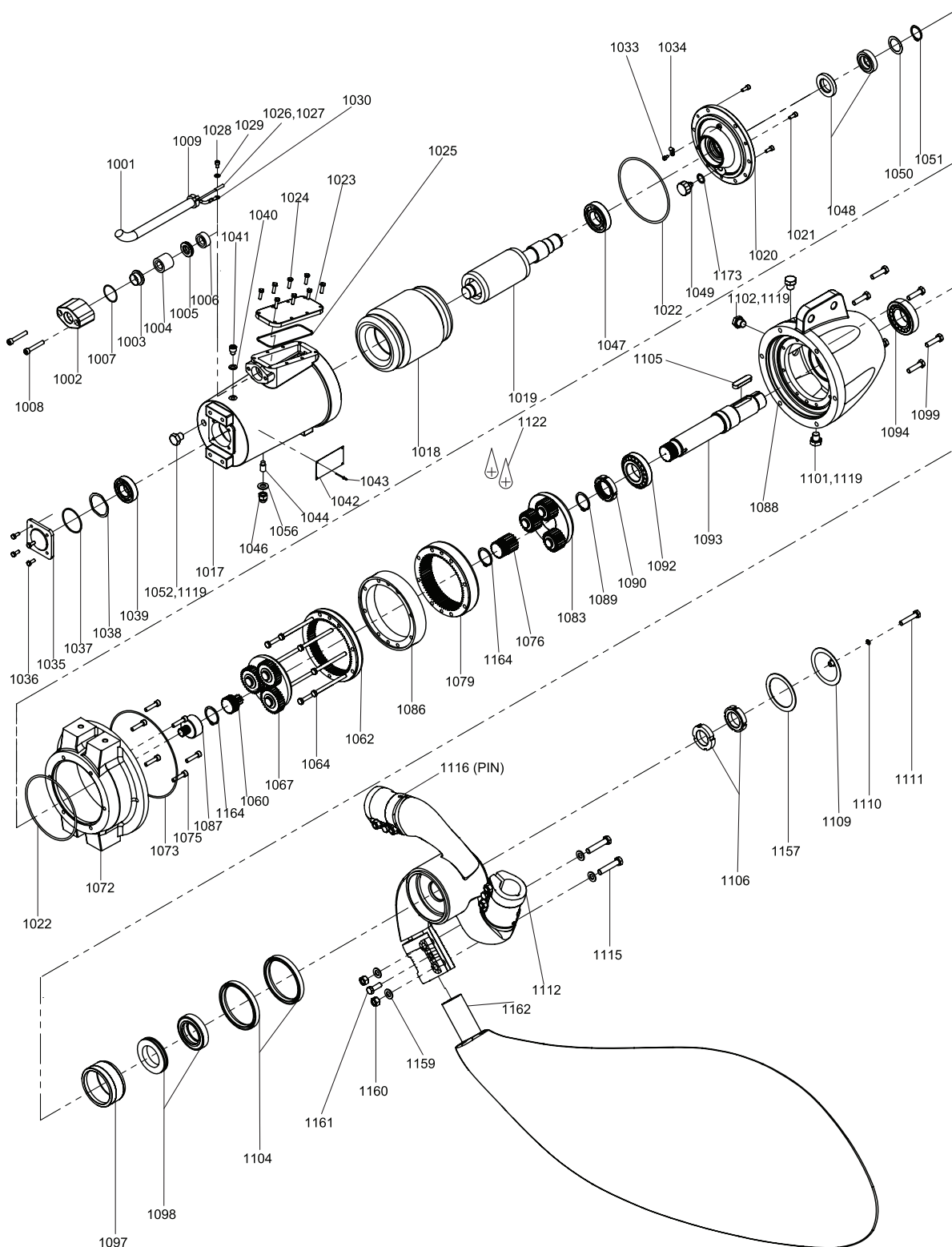
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

Pos.	Description	95037375
1073	O-ring 215.57 x 2.62	1
1097	Wear ring ceramic	1
1104	Lip seal Ø100/120 x 13	2
1108	O-ring 94.92 x 2.62	1
	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer Ø10.5/20 x 2 Ms	1
1157	Gasket NBR 70 96 x 75 x 2	1

SFG.xx.180 (50/60 Hz) and SFG.xx.71 (60 Hz North America)



TM06 2485 4314

Gear

50 Hz	60 Hz SI	60 Hz US	STEP 1			STEP 2			
			i = 5.600	i = 6.750	i = 8.667	i = 3.556	i = 3.875	i = 4.286	i = 4.833
SFG.07.180					95038581	95038582			
	SFG.07.180	SFG.10.71			95038581		95038583		
SFG.10.180			95039711						95038584
	SFG.10.180	SFG.14.71		95039710					95038584
SFG.14.180				95039710		95038582			
	SFG.14.180	SFG.19.71		95039710			95038583		
SFG.17.180					95038581	95039712			
	SFG.17.180	SFG.23.71			95038581			95038584	
SFG.22.180					95038581	95038582			
	SFG.22.180	SFG.30.71			95038581		95038583		
SFG.26.180				95039710			95038583		
	SFG.29.180	SFG.39.71			95038581	95039712			
SFG.32.180				95039710			95038583		
	SFG.35.180	SFG.47.71			95038581	95039712			
SFG.36.180			95039711						95038584
	SFG.38/40.180	SFG.55.71		95039710					95038584

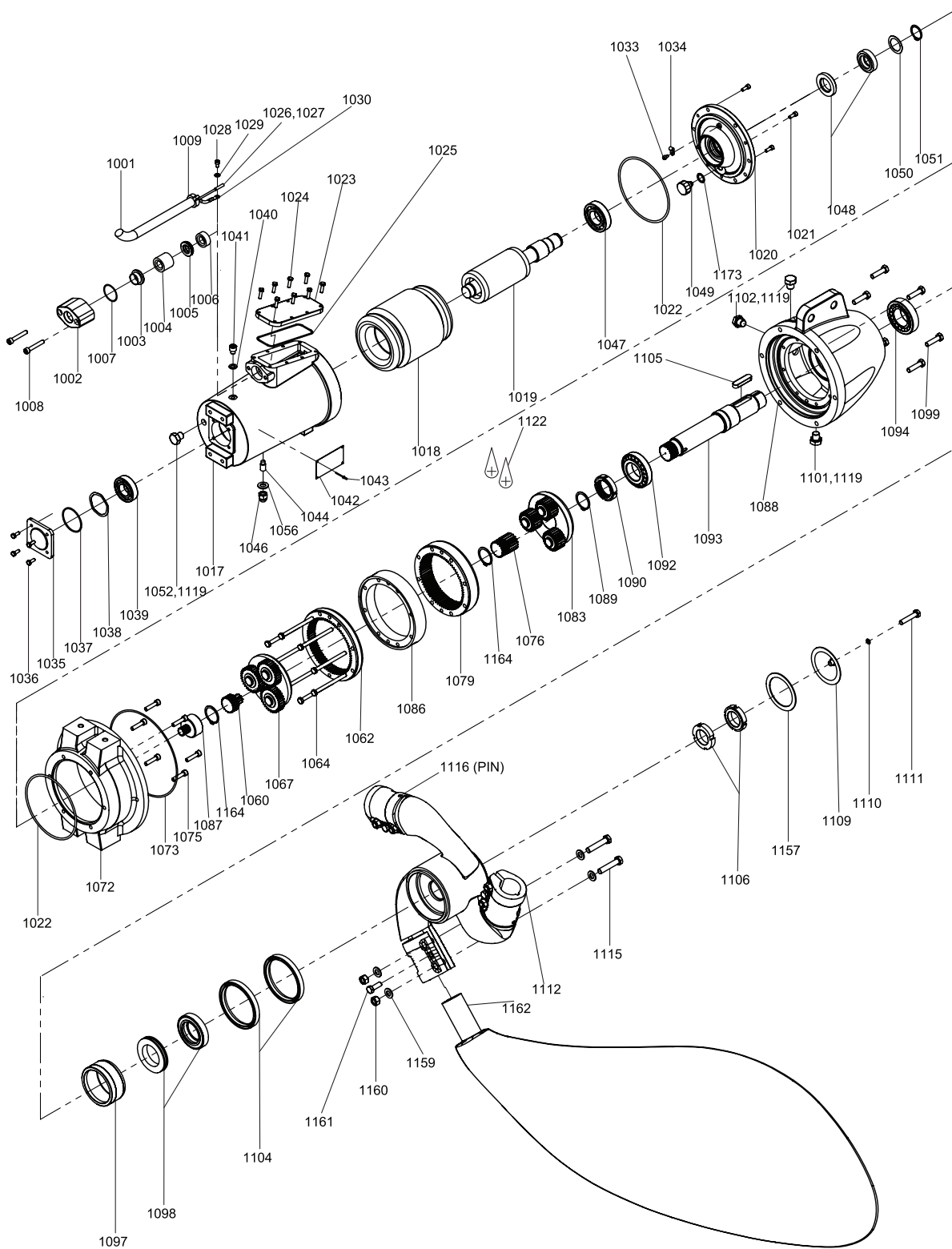
Pos.	Description	95039711	95039710	95038581	95038582	95039712	95038583	95038584
1060	Sun wheel	1	1	1	-	-	-	-
1062	Ring gear	1	1	1	-	-	-	-
1067	Planet gear complete	1	1	1	-	-	-	-
1076	Sun wheel	-	-	-	1	1	1	1
1079	Ring gear	-	-	-	1	1	1	1
1083	Planet carrier	-	-	-	1	1	1	1
1087	Gear coupling	1	1	1	-	-	-	-
1164	Circlip	1	1	1	1	1	1	1

Motor

Note: Motor kit parts are pre-assembled.

Pos.	Description	50/60 Hz	SFG.07-16.180	SFG.17-40.180
		60 Hz US	SFG.10-22.71	SFG.23-55.71
		Kit No	95039700	95039701
1002	Cable flange		1	1
1007	O-ring		1	1
1008	Cylinder head screw		2	2
1017	Motor housing		1	1
1018	Stator winded 6-pole 1.8 kW (2.4 hp)		1	-
	Stator winded 4-pole 3.6 kW (4.8 hp)		-	1
1019	Rotor with shaft 6-pole 1.8 kW (2.4 hp)		1	-
	Rotor with shaft 4-pole 3.6 kW (4.8 hp)		-	1
1020	Motor flange		1	1
1021	Screw		3	3
1022	O-ring		2	2
1023	Terminal box cover		1	1
1024	Hexagon screw		8	8
1025	O-ring		1	1
1028	Cylinder head screw		1	1
1029	Lock washer		1	1
1033	Cylinder head screw		1	1
1034	Cable clamp		1	1
1035	Bearing cover		1	1
1036	Hexagon head screw		4	4
1037	O-ring		1	1
1038	Compensation disc		1	1
1039	Ball bearing 6206		1	1
1040	U-washer		1	1
1041	Cylinder head screw		1	1
1044	Set screw		1	1
1046	Nut		1	1
1047	Ball bearing 6207		1	1
1048	Mechanical shaft seal, rotor		1	1
	Mechanical shaft seal, stator		1	1
1049	Water-in-oil sensor		1	1
1050	Shim washer		1	1
1051	Retaining ring		1	1
1052	Plug		1	1
1056	Seal washer		1	1
1173	Seal washer		1	1

SFG.xx.180 (50/60 Hz) and SFG.xx.71 (60 Hz North America)



TM06 2485 4314

SFG.xx.230 (50/60 Hz) and SFG.xx.91 (60 Hz North America)**Bearing, motor**

Pos.	Description	95065458
1038	Compensation disc	1
1039	Ball bearing 6206 2RS1/C3	1
1047	Ball bearing 6207 2RS1/C3	1

Bearing, gearbox

Pos.	Description	95065467
1090	Slotted nut; elastic stop	1
1092	Tapered roller bearing 30209	1
1094	Tapered roller bearing 32209	1

Cable (11G1.5)

Pos.	Description	95038410	95038411
1001	Cable	10 m / 32 ft	15 m / 49 ft
1026	Cable joint	6	6
1027	Cable joint	4	4
1030	Cable shoe	1	1

Cable entry 1.5 mm²

Pos.	Description	95065457
1003	Cable guide	1
1004	Cable sealing, large	1
1005	Thrust washer	1
1006	Cable sealing, small	1
1007	O-ring 39.45 x 1.78	1
1008	Cylinder head screw	2
1009	Cable relief	1
1025	O-ring 113.97 x 2.62	1
1026	Cable joint	10
1030	Cable shoe	1
-	Shrink tube for connections	10

Gear housing**Note:** Gear housing kit part are pre-assembled.

Pos.	Description	95038481
1088	Gear housing	1
1089	Circlip	1
1090	Slotted nut;	1
1092	Tapered roller bearing 30209	1
1093	Gear shaft	1
1094	Tapered roller bearing 32209	1
1101	Drain plug with magnet	1
1102	Plug	2
1105	Fit-in key	1
1119	PTFE tape	3

Propeller

Pos.	Description	50/60 Hz	SFG.07-22.230	SFG.25-40.230
		60 Hz US	SFG.10-30.91	SFG.34-55.91
		Kit No	2 blades 95039734	3 blades 95039735
1104	Lip seal Ø100/120 x 12		2	2
1105	Fit-in key		1	1
1106	Slotted nut		2	2
1109	Hub cover		1	1
1110	Washer		1	1
1111	Screw		1	1
1112	Hub (2 blades)		1	-
	Hub (3 blades)		-	1
1115	Hexagon head screw		4	6
1157	Gasket NBR 70 96 x 75 x 2		1	1
1159	Washer		8	12
1160	Nut		4	6
1161	Hexagon head screw		2	3
1162	Propeller blade type Ø2300		2	3

Radial seal

Pos.	Description	95039131
1073	O-ring 215.57 x 2.62	1
1104	Lip seal Ø100/120 x 12	2
1108	O-ring 94.92 x 2.62	1
	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer Ø10.5/20 x 2 Ms	1
1157	Gasket NBR 70 96 x 75 x 2	1

Gasket kit

Pos.	Description	95065483
1004	Cable sealing large	1
1006	Cable sealing small	1
1007	O-ring 39.45 x 1.78	1
1022	O-ring 158.42 x 2.62	2
1025	O-ring 113.97 x 2.62	1
1037	O-ring 56.82 x 2.62	1
1048	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1
1050	Shim washer	1
1051	Circlip	1
1073	O-ring 215.57 x 2.62	1
1157	Gasket NBR 70 96 x 75 x 2	1

Shaft seal

Pos.	Description	95065470
1098	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1

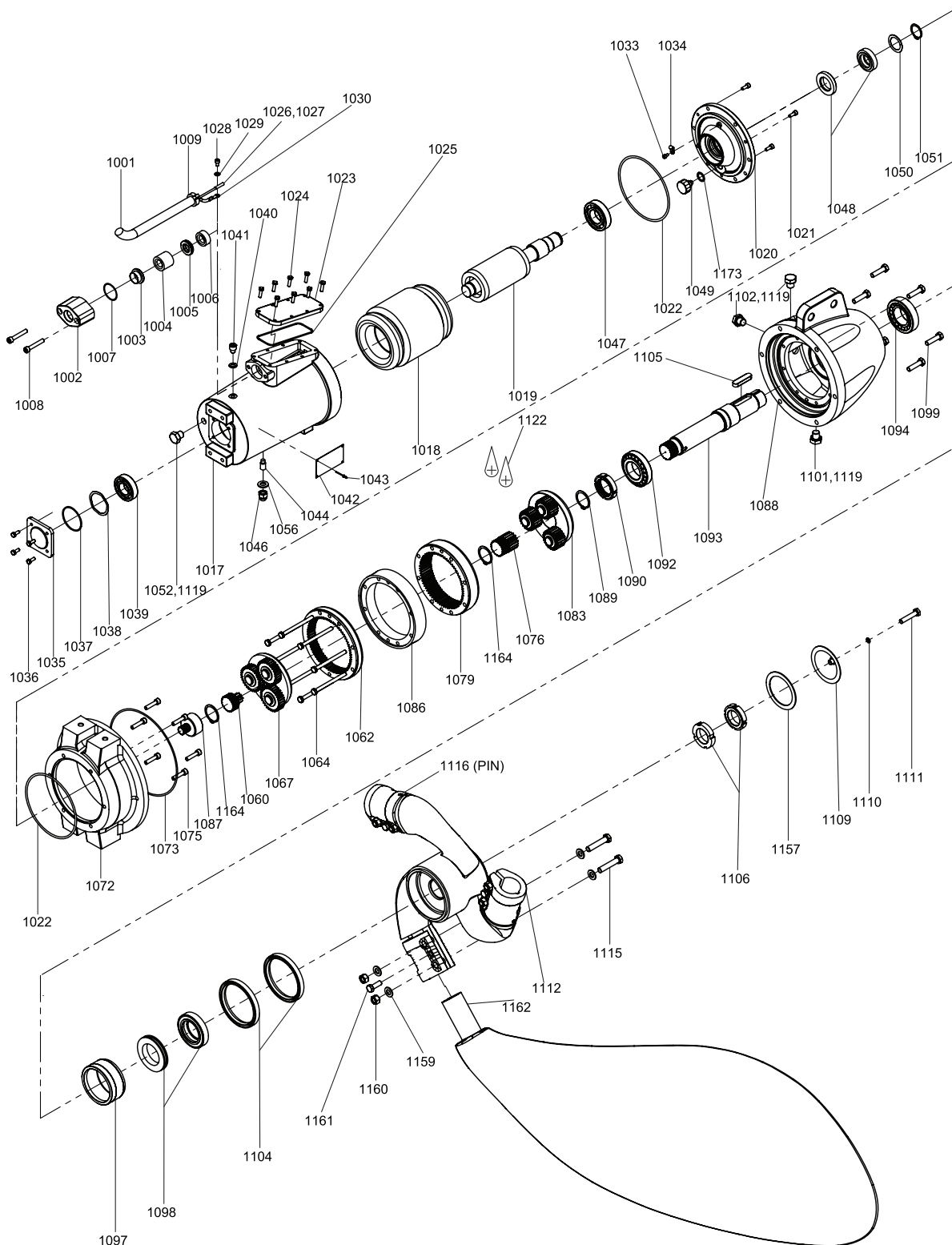
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

Pos.	Description	95037375
1073	O-ring 215.57 x 2.62	1
1097	Wear ring ceramic	1
1104	Lip seal Ø100/120 x 12	2
1108	O-ring 94.92 x 2.62	1
	O-ring 184.0 x 3.0	1
	O-ring 225.0 x 3.0	1
1110	Washer Ø10.5/20 x 2 Ms	1
1157	Gasket NBR 70 96 x 75 x 2	1

SFG.xx.230 (50/60 Hz) and SFG.xx.91 (60 Hz North America)



TM06 2485 4314

Gear

50 Hz	60 Hz SI	60 Hz US	STEP 1			STEP 2				
			i = 5.600	i = 6.750	i = 8.667	i = 3.875	i = 4.286	i = 4.833	i = 5.600	i = 6.750
SFG.07.230				95039710					95038585	
	SFG.07.230	SFG.10.91		95039710						95038749
SFG.10.230					95038581	95039712				
	SFG.09.230	SFG.12.91			95038581			95038584		
SFG.12.230			95039711						95038585	
	SFG.12.230	SFG.16.91		95039710					95038585	
SFG.15.230				95039710				95038583		
	SFG.16.230	SFG.22.91			95038581	95039712				
SFG.17.230					95038581			95038584		
	SFG.19.230	SFG.26.91			95038581				95038585	
SFG.22.230				95039710					95038585	
	SFG.22.230	SFG.30.91		95039710						95038749
SFG.26.230					95038581			95038583		
	SFG.25.230	SFG.34.91		95039710						95038749
SFG.33.230					95038581	95039712				
	SFG.32.230	SFG.43.91			95038581			95038584		
SFG.36.230				95039710				95038584		
	SFG.38/40.230	SFG.55.91		95039710					95038585	

Pos.	Description	95039711	95039710	95038581	95038582	95038583	95038584	95038585	95038749
1060	Sun wheel	1	1	1	-	-	-	-	-
1062	Ring gear	1	1	1	-	-	-	-	-
1067	Planet gear complete	1	1	1	-	-	-	-	-
1076	Sun wheel	-	-	-	1	1	1	1	1
1079	Ring gear	-	-	-	1	1	1	1	1
1083	Planet carrier	-	-	-	1	1	1	1	1
1087	Gear coupling	1	1	1	-	-	-	-	-
1164	Circlip	1	1	1	1	1	1	1	1

Motor

Note: Motor kit parts are pre-assembled.

Pos.	Description	50/60 Hz	SFG.07-16.230	SFG.17-40.230
		60 Hz US	SFG.10-22.91	SFG.23-55.91
		Kit No	95039700	95039701
1002	Cable flange		1	1
1007	O-ring		1	1
1008	Cylinder head screw		2	2
1017	Motor housing		1	1
1018	Stator winded 6-pole 1.8 kW (2.4 hp)		1	-
	Stator winded 4-pole 3.6 kW (4.8 hp)		-	1
1019	Rotor with shaft 4-pole 1.8 kW (2.4 hp)		1	-
	Rotor with shaft 6-pole 3.6 kW (4.8 hp)		-	1
1020	Motor flange		1	1
1021	Cylinder head screw		3	3
1022	O-ring		2	2
1023	Terminal box cover		1	1
1024	Hexagon screw		8	8
1025	O-ring		1	1
1028	Cylinder head screw		1	1
1029	Lock washer		1	1
1033	Cylinder head screw		1	1
1034	Cable clamp		1	1
1035	Bearing cover		1	1
1036	Hexagon head screw		4	4
1037	O-ring		1	1
1038	Compensation disc		1	1
1039	Ball bearing 6206		1	1
1040	U-washer		1	1
1041	Cylinder head screw		1	1
1044	Set screw		1	1
1046	Nut		1	1
1047	Ball bearing 6207		1	1
1048	Mechanical shaft seal, rotor		1	1
	Mechanical shaft seal, stator		1	1
1049	Water-in-oil sensor		1	1
1050	Shim washer		1	1
1051	Circlip		1	1
1052	Plug		1	1
1056	Seal washer		1	1
1173	Seal washer		1	1

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GRUNDFOS 

SFG.xx.260 (50/60 Hz) and SFG.xx.102 (60 Hz North America)**Bearing, motor**

Pos.	Description	96645955
1038	Compensation disc	1
1039	Ball bearing 6208 2RS1/C3	1
1047	Ball bearing 6010 2RS1/C3	1

Bearing, gearbox

Pos.	Description	95065475
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30212	1
1094	Tapered roller bearing 33212	1

Cable (11G2.5)

Pos.	Description	95038486	95038487
1001	Cable	10 m / 32 ft	15 m / 49 ft
1026	Cable joint	6	6
1027	Cable joint	4	4
1030	Cable shoe	1	1

Cable entry, 2.5 mm²

Pos.	Description	95065465
1003	Cable guide	1
1004	Cable sealing, large	1
1005	Thrust washer	1
1006	Cable sealing, small	1
1007	O-ring 54.0 x 3.0	1
1008	Cylinder head screw	2
1009	Cable relief	1
1025	O-ring 139.29 x 3.53	1
1026	Cable joint	10
1030	Cable shoe	7
-	Shrink tube for connections	10

Gear housing

Note: Gear housing kit parts are pre-assembled.

Pos.	Description	95038588
1088	Gear housing	1
1090	Slotted nut	1
1091	Lock washer	1
1092	Tapered roller bearing 30212	1
1093	Gear shaft	1
1094	Tapered roller bearing 33212	1
1095	Intermediate ring	1
1101	Drain plug with magnet	1
1102	Plug	2
1119	PTFE tape	3

Propeller

Pos.	Description	50/60 Hz SFG.22-48.260	SFG.50-80.260
		60 Hz US SFG.30-60.102	SFG.67-110.102
		Kit No	
		2 blades	3 blades
		95039736	95039737
1104	Lip seal Ø125/150 x 12	2	2
1106	Slotted nut	2	2
1108	Gasket NBR 65 106 x 90 x 10	1	1
1109	Hub cover	1	1
1110	Washer	1	1
1111	Hexagon head crew	1	1
1112	Hub (2 blades)	1	-
	Hub (3 blades)	-	1
1113	Hexagon head screw	2	3
1114	Washer	2	3
1131	Fit-in key	2	3
1132	Blinds	2	3
1162	Propeller blade type Ø2600	2	3

Radial seal

Pos.	Description	95039132
1073	O-ring 253.59 x 3.53	1
1104	Lip seal Ø125/150 x 12	2
	O-ring 120.2 x 3.53	1
1108	O-ring 225.0 x 3.0	1
	O-ring 94.92 x 2.62	1
1110	Washer Ø13/24 x 2.5	1

Gasket kit

Pos.	Description	95035812
1004	Cable sealing, large	1
1006	Cable sealing, small	1
1007	O-ring 54.0 x 3.0	1
1022	O-ring 215.57 x 2.62	2
1025	O-ring 139.29 x 3.53	1
1037	O-ring 75.87 x 2.62	1
1048	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1
1050	Shim washer	1
1051	Circlip	1
1073	O-ring 260.0 x 3.5	1
1108	O-ring 94.92 x 2.62	1

Shaft seal

Pos.	Description	95065478
1095	Intermediate ring	1
1098	Mechanical shaft seal, rotor	1
	Mechanical shaft seal, stator	1

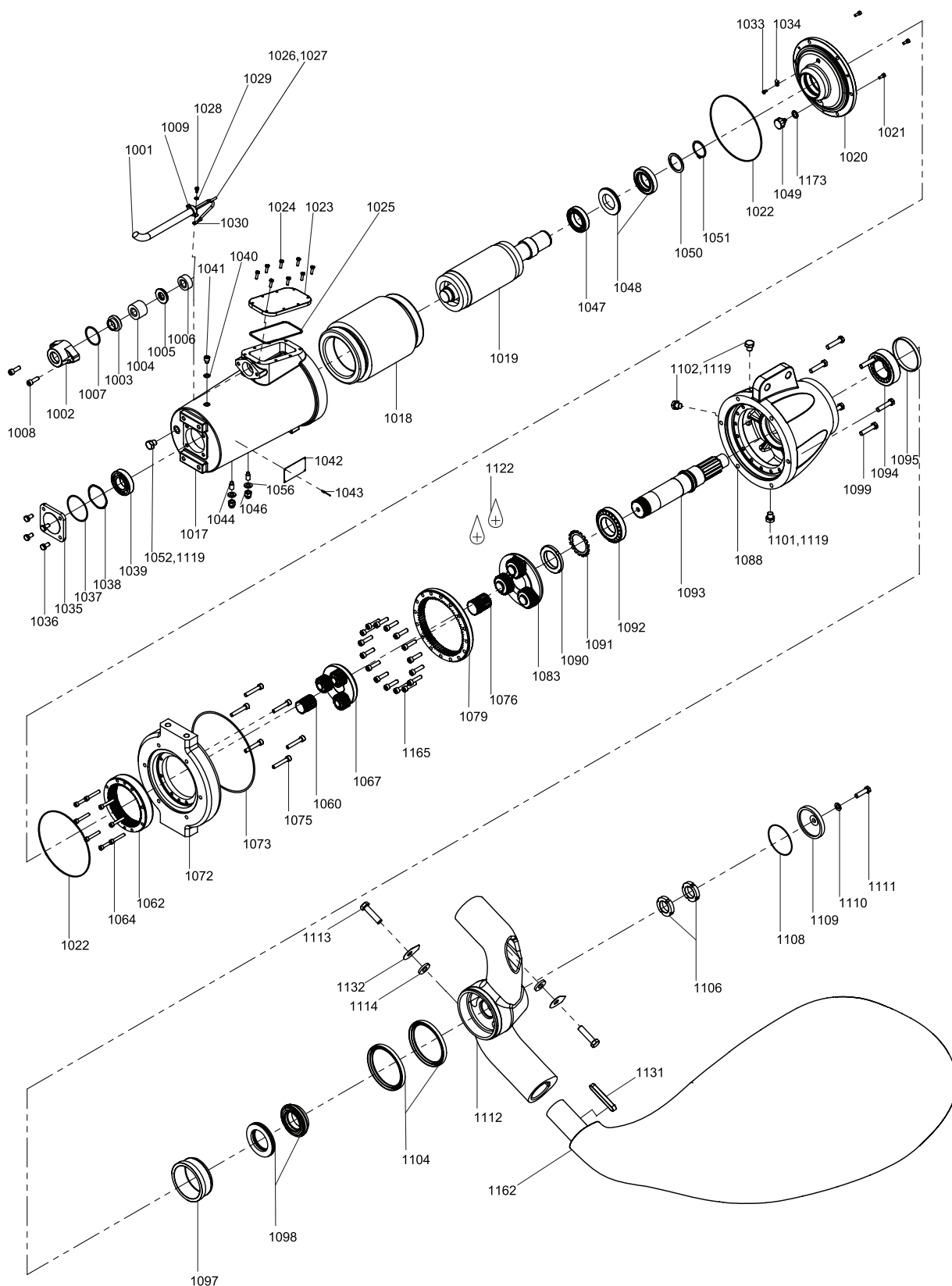
Water-in-oil sensor

Pos.	Description	95038409
1049	Water-in-oil sensor	1
1173	Seal washer	1

Wear ring

Pos.	Description	95037376
1073	O-ring 253.59 x 3.53	1
1097	Wear ring ceramic	1
1104	Lip seal Ø125/150 x 12	2
	O-ring 120.2 x 3.53	1
1108	O-ring 225.0 x 3.0	1
	O-ring 94.92 x 2.62	1
1110	Washer Ø13/24 x 2.5	1

SFG.xx.260 (50/60 Hz) and SFG.xx.102 (60 Hz North America)



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Gear

50 Hz	60 Hz SI	60 Hz US	STEP 1				STEP 2				
			i = 4.286	i = 4.833	i = 5.600	i = 6.750	i = 3.500	i = 4.125	i = 4.571	i = 5.167	i = 6.000
SFG.22.260			95065517								95038769
	SFG.22.260	SFG.30.102	95065524								95038769
SFG.27.260			95065524						95038611		
SFG.32.260			95065518								95038769
	SFG.32.260	SFG.43.102	95065524							95065525	
SFG.36.260			95065524					95065496			
	SFG.36.260	SFG.48.102	95065517								95038769
SFG.44.260	-	-	95065495								95038769
	SFG.44.260	SFG.60.102	95065524						95038611		
SFG.48.260			95065518							95065525	
SFG.50.260			95065524					95065496			
	SFG.50.260	SFG.67.102	95065517								95038769
SFG.60.260			95065495								95038769
	SFG.60.260	SFG.82.102	95065524						95038611		
SFG.66.260			95065518							95065525	
	SFG.72.260	SFG.98.102	95065517							95065525	
SFG.74.260			95065524				95065522				
SFG.80.260			95065517					95065496			
	SFG.80.260	SFG.110.102	95065524					95065496			

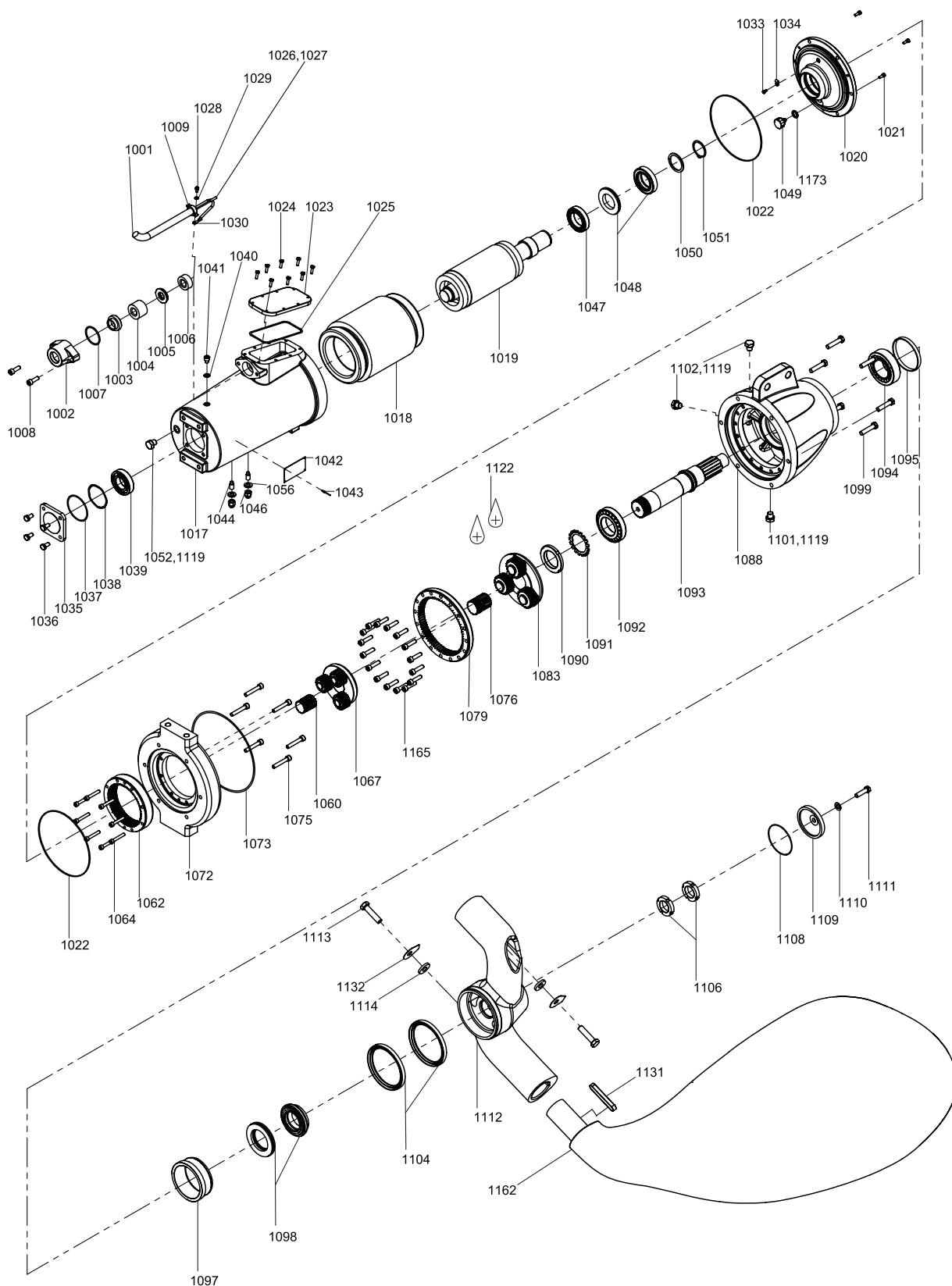
Pos.	Description	95065495	95065518	95065517	95065524	95065522	95065496	95038611	95065525	95038769
1060	Sun wheel	1	1	1	1	-	-	-	-	-
1062	Ring gear	1	1	1	1	-	-	-	-	-
1067	Planet gear complete	1	1	1	1	-	-	-	-	-
1076	Sun wheel	-	-	-	-	1	1	1	1	1
1079	Ring gear	-	-	-	-	1	1	1	1	1
1083	Planet carrier	-	-	-	-	1	1	1	1	1

Motor

Note: Motor kit parts are pre-assembled.

Pos.	Description	50/60 Hz	SFG.22-48.260	SFG.50-80.260
		60 Hz US	SFG.30-60.102	SFG.67-110.102
		Kit No	95039707	95039708
1002	Cable flange		1	1
1007	O-ring		1	1
1008	Cylinder head screw		2	2
1017	Motor housing		1	1
1018	Stator 6-pole 5.0 kW (6.7 hp)		1	-
	Stator 6-pole 8.0 kW (11 hp)		-	1
1019	Rotor with shaft 6-pole 5.0 kW (6.7 hp)		1	-
	Rotor with shaft 6-pole 8.0 kW (11 hp)		-	1
1020	Motor flange		1	1
1021	Cylinder head screw		3	3
1022	O-ring		2	2
1023	Terminal box cover		1	1
1024	Hexagonal screw		8	8
1025	O-ring		1	1
1028	Cylinder head screw		1	1
1029	Lock washer		1	1
1033	Cylinder head screw		1	1
1034	Cable clamp		1	1
1035	Bearing cover		1	1
1036	Hexagon head screw		4	4
1037	O-ring		1	1
1038	Compensation disc		1	1
1039	Ball bearing 6208		1	1
1040	U-washer		1	1
1041	Cylinder head screw		1	1
1044	Set screw		2	2
1046	Nut		2	2
1047	Ball bearing 6010		1	1
1048	Mechanical shaft seal, rotor		1	1
	Mechanical shaft seal, stator		1	1
1049	Water-in-oil sensor		1	1
1050	Shim washer		1	1
1051	Circlip		1	1
1052	Plug		1	1
1056	Seal washer		2	2
1173	Seal washer		1	1

SFG.xx.260 (50/60 Hz) and SFG.xx.102 (60 Hz North America)



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