
Service Kit Catalogue

MGE and MLE Model J



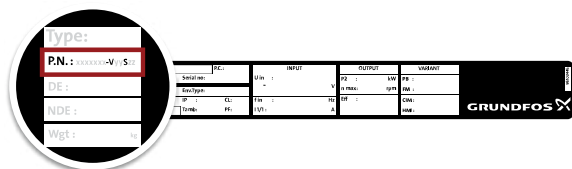
- 1. **Generation 1, without Safe Torque Off (STO) functionality** 3
 - 50/60 Hz 3
- 2. **Generation 2, with Safe Torque Off (STO) functionality** 17
 - 50/60 Hz 17

1. Generation 1, without Safe Torque Off (STO) functionality

50/60 Hz



The Safe Torque Off (STO) functionality is only available for MGE, MLE motors having an STO version number. The STO version number is marked on the nameplate, after the product version number.



TM084339



The Safe Torque Off (STO) safety function cannot be retrofitted to older motors.

Bearing

Description	Type	Kit no.
Ball bearing	6204 + 6204	98330603
	6304 + 6204	98330604
	6305 + 6204	98330605
	6306 + 6204	98330606
	6305 + 6205	98881507
	6306 + 6205	98881508
	6306 + 6206	98881509
	6308 + 6206	98881510
	6308 + 6306	99124389
	6308 + 6206	98881521
	6309 + 6306	98881522
	6207 + 6205	98881523
	7306 + 6206	98881524
	7308 + 6206	98881525
	6308 + 6306	99099338
	7309 + 6306	98881526
	6306 + 7306	98881527
	6308 + 7306	98881528
	6309 + 7306	98881529
	6309 + 6306	99177551

Description	Type	Kit no.
Hybrid ball bearing	6305 + 6205	98881530
	6306 + 6205	98881531
	6306 + 6206	98881532
	6308 + 6206	98881533
	6308 + 6206	98881534
	6308 + 6306	99124391
	7306 + 6206	98881537
	7308 + 6206	98881538
	6306 + 7306	98881540
	6308 + 7306	98881541
	6309 + 7306	98881542
	7309 + 6306	99123455

Content

Pos.	Description	Quantity
153	Drive end	1
154	Non-drive end	1
156c/ 156d	Seal ring for drive end and non-drive end	2
158	Waved washer	1
157	O-ring	1
187/188	Retaining ring	1

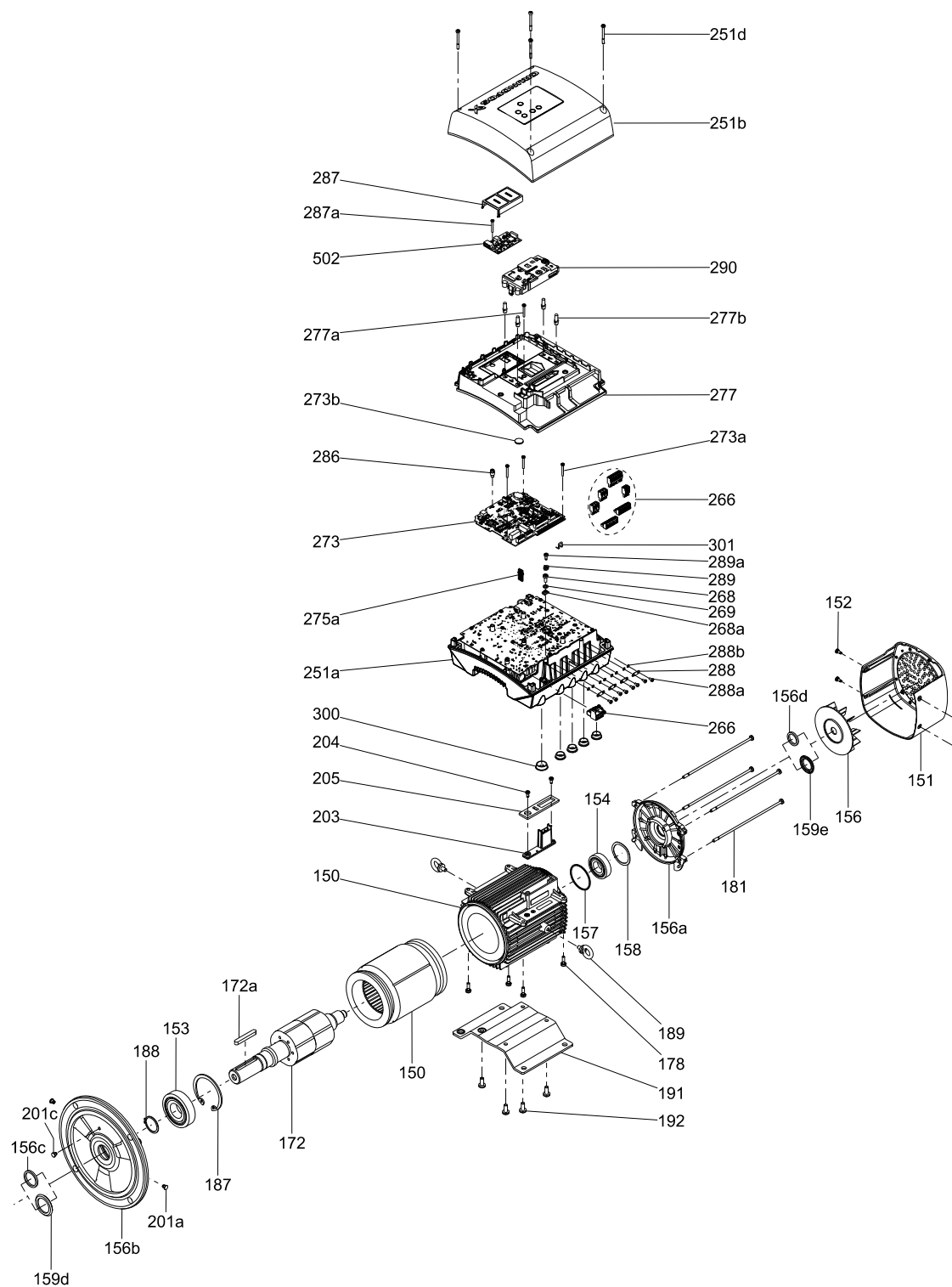
Blanking plugs

Pos.	Description	Quantity	Frame size	Kit no.
252b	Blanking plug	4	90, 100, 112, 132	99052475
		5	132, 160	99052476

Cable glands

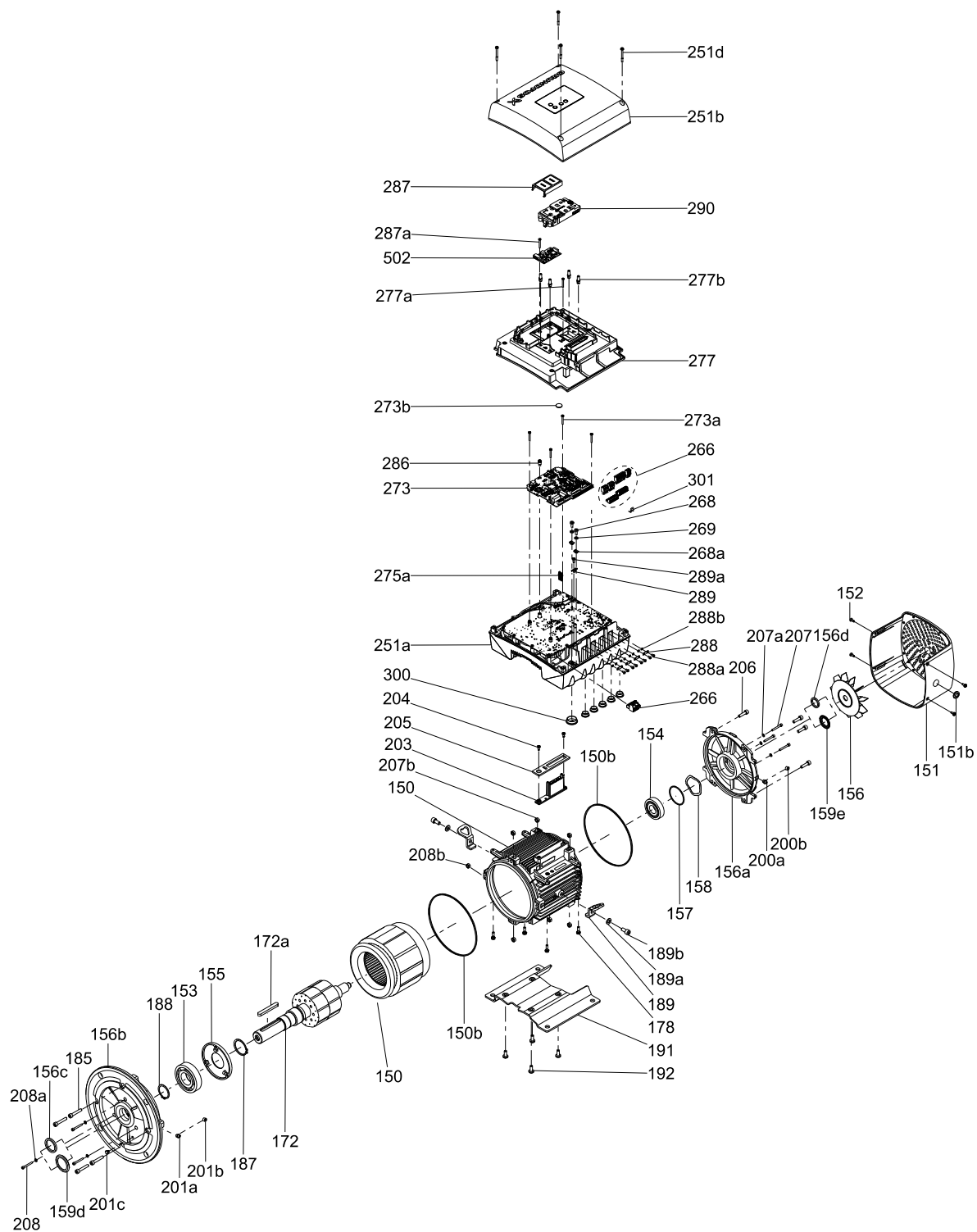
Description	Kit no.
1 x D9-18 and 2 x D5	98736096
1 x D14-D25 and 2 x D5	98736115
1 x D9-18 and 4 x D5	98736131
1 x D14-D25 and 4 x D5	98736132
1 x D9-18 and 6 x D5	98736138
1 x D14-25 and 6 x D5	98736140
10 x D9-18	98736142
10 x D14-25	98736145

Frame sizes 90, 100, 112 and 132 with stay bolt assembly of stator house



TM066928

Frame sizes 132 and 160 with short bolt assembly of stator house



TM066857

Control box, complete



All control boxes are delivered without a CIM module.

Description				Kit no.
Functional module	Operating panel	Power board	Model	
FM300	HMI 100	PB321	CAAH	99132410
		PB321	CAAH NPT	99132412
		PB331	CAAK NPT	99130816
		PB331	CAAK	99097057
		PB341	CAAL	99097099
		PB341	CAAL NPT	99130817
	HMI 200	PB321	CBAH	99132383
		PB321	CBAH NPT	99132387
		PB331	CBAK	98878612
		PB331	CBAK NPT	99130329
		PB341	CBAL	98878613
	HMI 201	PB341	CBAL NPT	99130332
		PB331	CFAK	99097141
	HMI 300	PB341	CFAL	99097199
		PB321	CDAH	99132424
		PB321	CDAH NPT	99132425
		PB331	CDAK	98878619
		PB331	CDAK NPT	99130454
		PB341	CDAL NPT	99130457
		PB341	CDAL	98878620

Control box, lower part with power board

Supply voltage [VAC]	Power board	Motor	Max. power [kW]	Kit no.
3 x 200-240	PB371	MGE	1.1 - 1.5	99126393
	PB351	MLE	4.0	99126310
	PB361	MLE	5.5	99126356
3 x 380-500	PB321	MGE	2.2	99094250
	PB321	MLE	2.2	99126381
	PB331	MGE	5.5	98859571
		MLE	5.5	99125882
	PB341	MGE	11	98859573
		MLE	11	99126307

Content

Pos.	Description	Quantity
178	Screw	4
251a	Control box lower part cpl.	1
275a	Pin header	1

Pos.	Description	Quantity
277	Isolation cover	1
277a	Screw	1
277b	Spring relief	4

Control box, upper part

Description	Kit no.
Blind, Small	98869864
Blind, Large	98869868
Standard, Small	98869865
Standard, Large	98869869
Graphical, Small	98869867
Graphical, Large	98869871

Content

Pos.	Description	Quantity
251b	Control box	1
251d	Screw	4

Operating panel

Pos.	Model	Description	Kit no.
290	HMI 100	Basic with radio	98939975
	HMI 101	Basic without radio	98939976
	HMI 200	Standard with radio	98939973
	HMI 201	Standard without radio	98939974
	HMI 300	Graphical with radio	98939971
	HMI 301	Graphical without radio	98939972

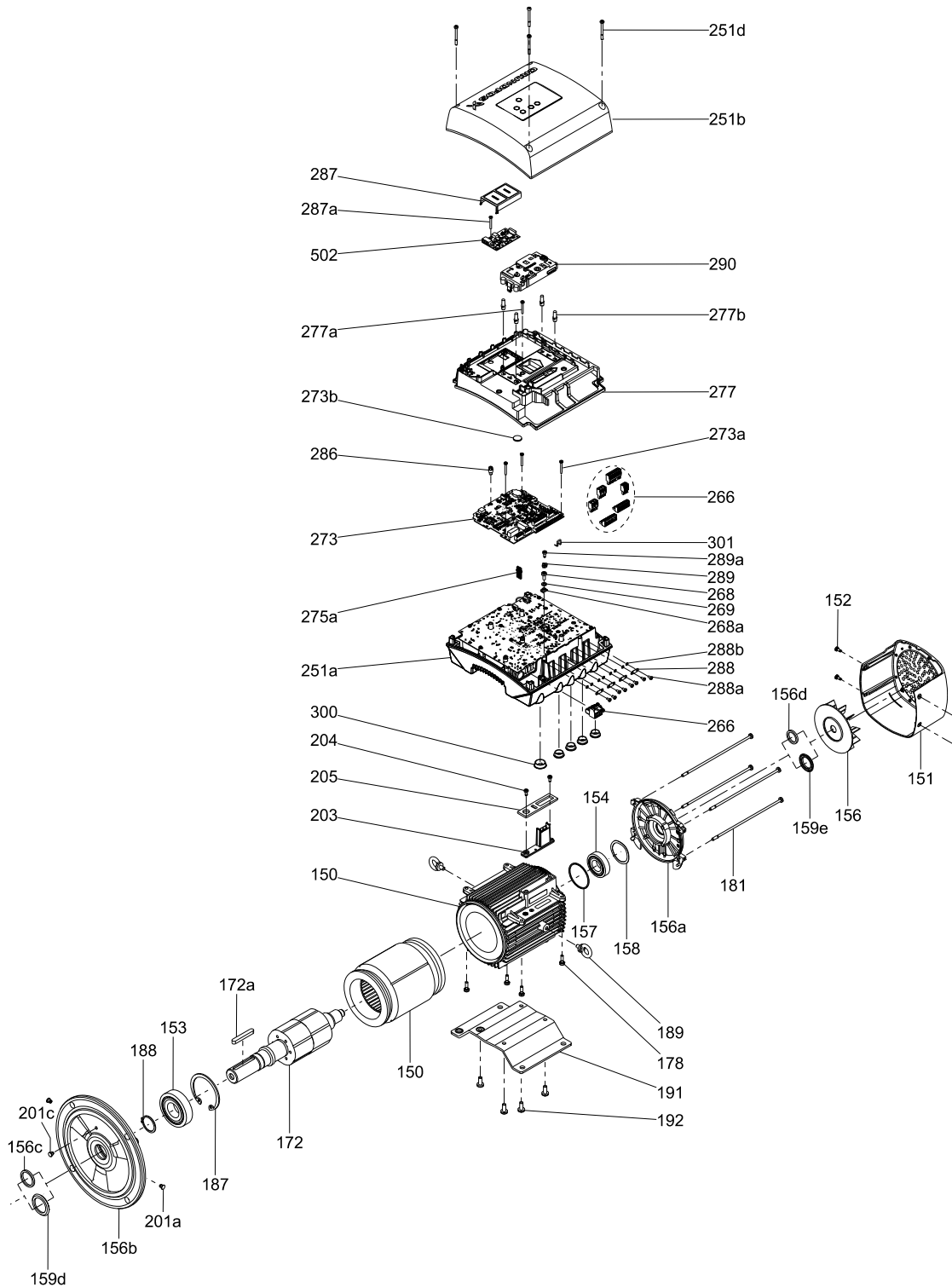
Cover for CIM

Pos.	Description	Kit no.
287	Cover	98330622

End shield

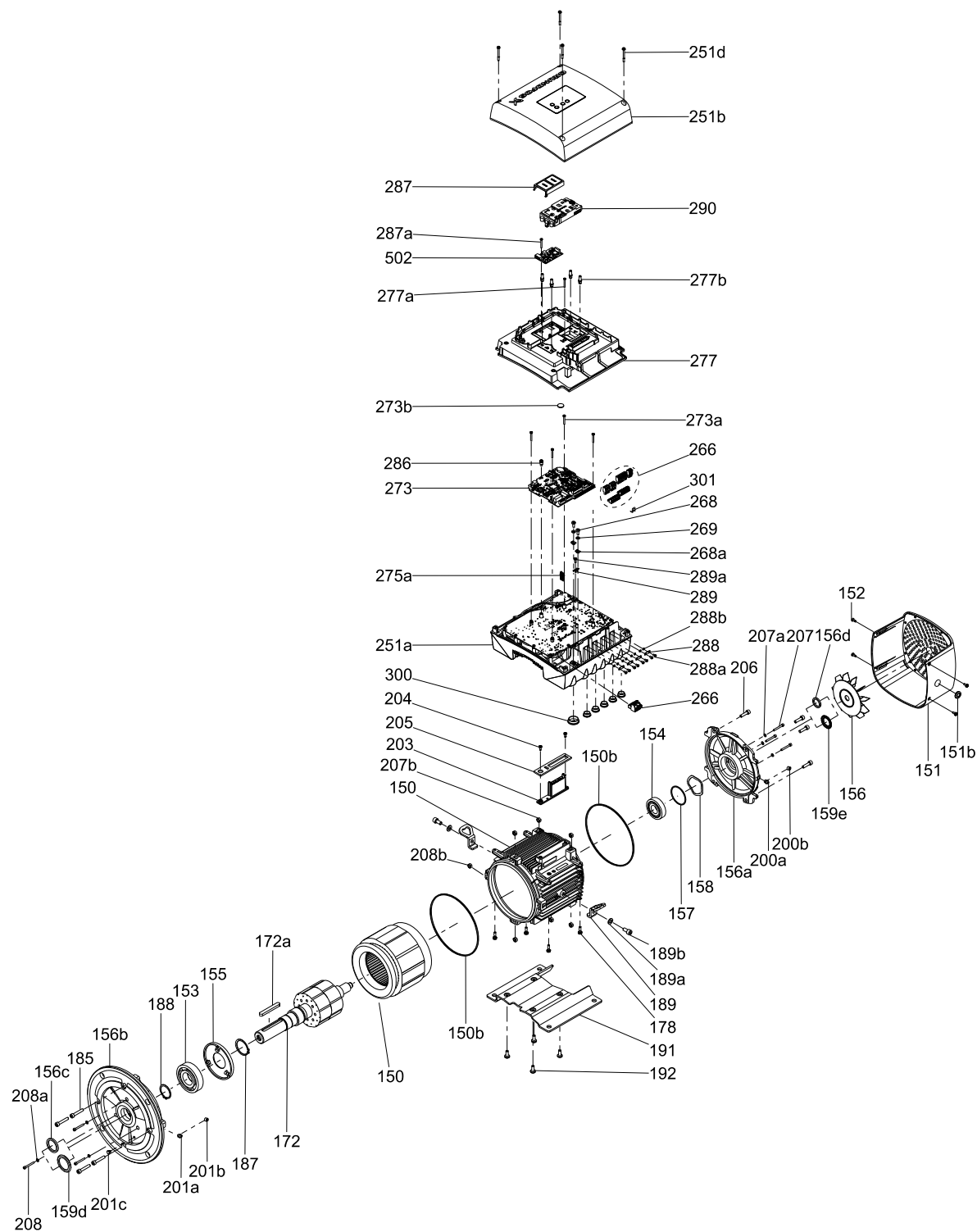
Pos.	Description	Kit no.
156a/ 156b	End shield, non-drive end, D52/D161x25 6205	98869882
	End shield, non-drive end, D62/D161x26 6206	98869883
	End shield, D72/161x29.2 SF	98869884
	End shield, MGE132	98869885
	End shield, D72/223x32 SF	98869993
	End shield, non-drive end, D52/D161x25, IP66 6205	98961595
	End shield, non-drive end, D62/D161x26 IP66 6206	98961596
	End shield, MGE132, IP66	99028040
	End shield, D72/223x34.5, IP66	98869886

Frame sizes 90, 100, 112 and 132 with stay bolt assembly of stator house



TM066928

Frame sizes 132 and 160 with short bolt assembly of stator house



TM066857

Fan

Pos.	Speed [rpm]	Power [kW]	Diameter ¹⁾ [mm]	Seal ring	Kit no.
156	4000-5900	3.0-5.5	108	D30	98869874
			108	D35	98869875
	2900-4000	3.0-5.5	128	D30	98869876
			128	D35	98869877
	1450-2000	2.2-4.0	158	D30	98869878
			158	D35	98869879
	2900-4000	5.5-7.5	198	D30	98869880
			198	D35	98869881

¹⁾ Some custom-made motors are fitted with an oversized fan.
The table corresponds to the standard range.

Fan cover

Pos.	Description	Kit no.
151	Cover for fan, 193.9x191.3x112.7	98861958
	Cover for fan, 261.8x254.9x145	98869872
	Cover for fan, 261.8x254.9x145 regrease	98869873

Flange

Standard	Type	Description	Model	Kit no.
IEC	B3	MGE100	D161	98869894
		MGE100	Drive-end, D161 M5	98869894
		MGE112	Drive-end, D161 M6	98966320
		MGE132	Drive-end, D214	98869908
		MGE132	Drive-end, D161	98869895
		MGE160	Drive-end, regrease D214	98869909
		MGE100	FF215 D161 M5	98869891
		MGE112	FF215 D161 M6	98966316
		MGE132	FF265 SF	98869911
		MGE132	FF265 D161	98869892
		MGE132	FF265 SF D161	98869897
		MGE132	FF265 D214	98869905
	B5	MGE160	FF300 regrease SF D214	98869912
		MGE160	FF300 regrease D214	98869906
		MGE90	FT115	98869887
		MGE100/112/132	FT130 D214	98869910
		MGE100	FT130 D161 M5	98869888
		MGE112	FT130 SF D161 M6	98869896
		MGE112	FT130 D161 M6	98966301
		MGE132	FT130 SF D214	99027696
		MGE132	FT165, D161	98869889
		MGE132	FT165 D214	98869903

Standard	Type	Description	Model	Kit no.
NEMA	56C/143-5JM/182-4JM	MLE90/ 114.3	D161	98966322
		MLE100	D161 M5	98869898
	182/4TC	114.3 (shaft height)	D161 M6	98966321
		MLE100	D214	98869913
	213/215TC	MLE132	D161	98869899
		133.5; 158.75 (shaft height)	D214 (regrease)	98869914
	254/256TC		MG100S	98869900
			MG100L	98869901
	CM	MGE112	D156.7 D166	99027599
		MGE132	D156.7 D214 (large)	98869915

Content

Pos.	Description	Quantity
156b	Flange	1
156c	Seal ring	1
201c	Drain plug	3

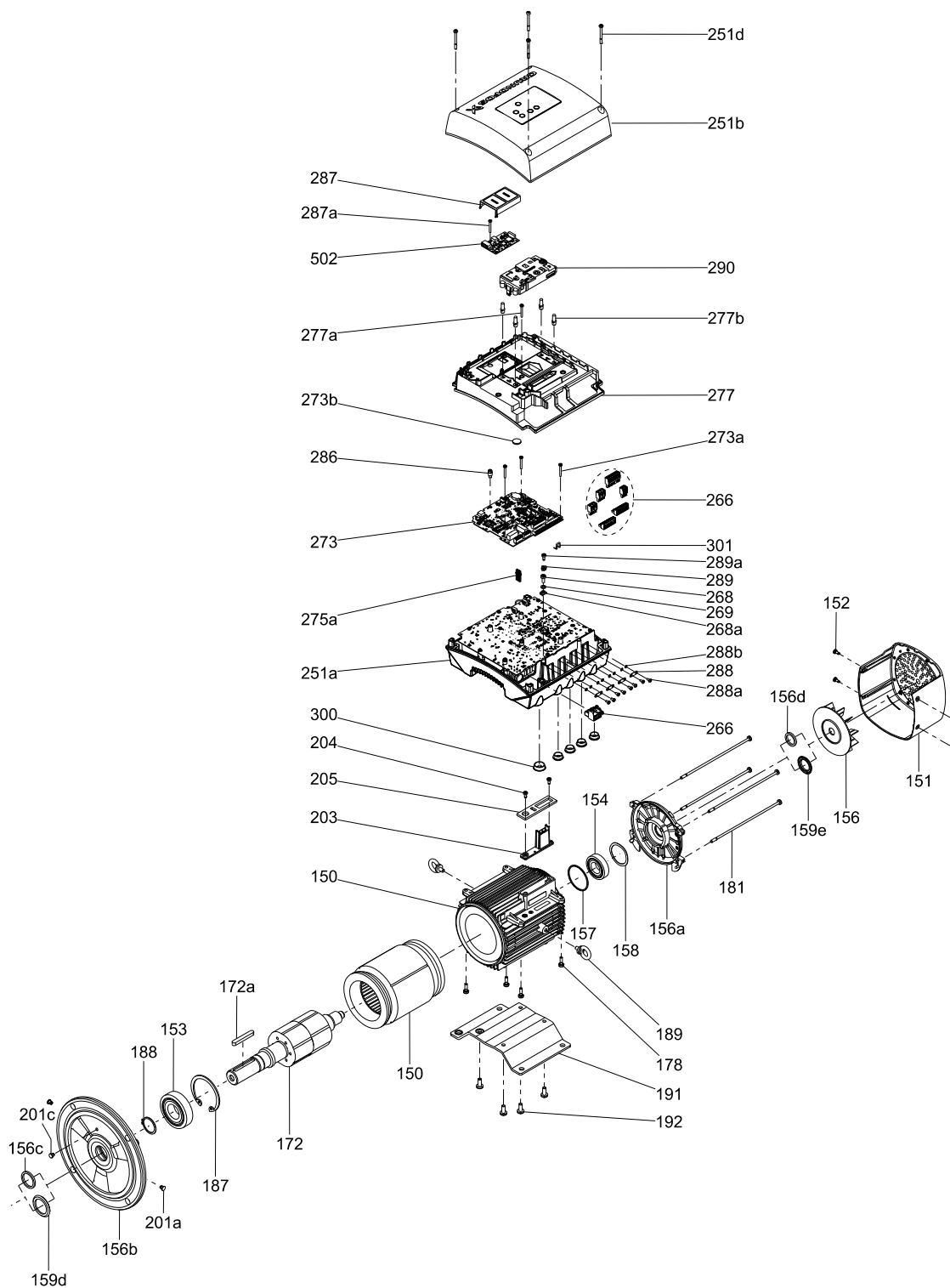
Functional module

Description	Kit no.
Basic	98334775
Standard	98334776
Advanced	98334777

Content

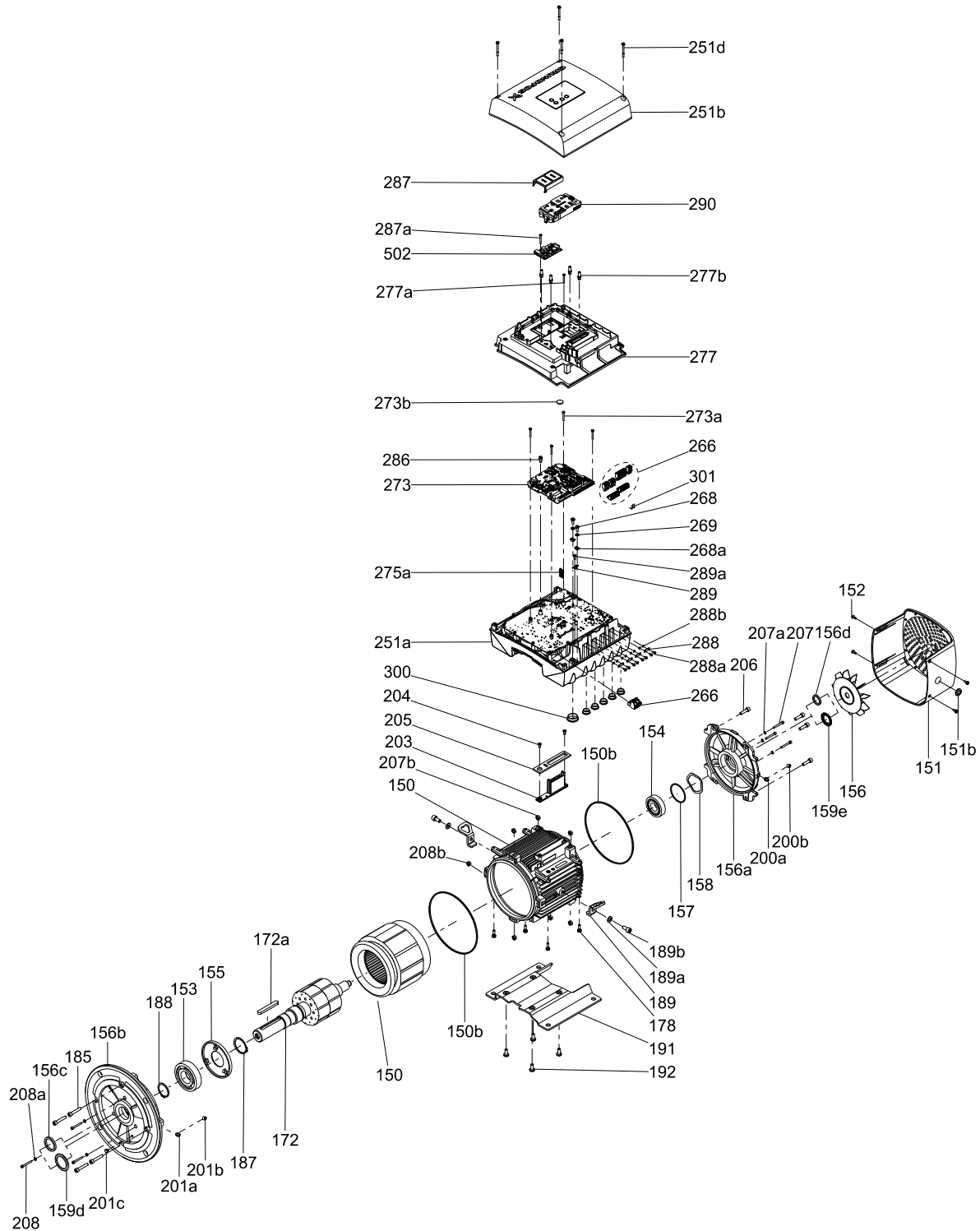
Pos.	Description	Quantity
273	Functional module	1
273a	Screw	5
275a	Pin header	1
286	Spacer	1

Frame sizes 90, 100, 112 and 132 with stay bolt assembly of stator house



TM066928

Frame sizes 132 and 160 with short bolt assembly of stator house



TM066857

Foot

Pos.	Size	Description	Type	Kit no.
191	100L	Small	IEC	98962865
	112M	Small		98962866
	132S	Small		98962888
		Large		98962890
	160M	Large		98962891
	132S/M	Large		98962892
	182/184T	Small	CED, NEMA	98962894
		Small		98962896
	213/215T	Large	NEMA	98962897
		Large		98962898
	254/256T	Large		98962899
	100L	Small	CM	98962899
	112M	Small		98962901
	132S	Large		98962904

Isolation cover for power board

Description	Kit no.
Isolation cover, small	98859508
Isolation cover, large	98859523

Content

Pos.	Description	Quantity
277	Isolation cover	1
277a	Screw	1
277b	Spring relief	4

Screws, including wire clamps and PE washer

Frame size	Kit no.
90, 100, 112, 132	99028712
132, 160	99028725

Content

Pos.	Description	Quantity
268	Screw	1 (2 for Large)
268a	Base for earth screw	1 (2 for Large)
288	Wire clamp	4
288a	Screw	8
288b	Washer	8
289	Wire clamp	1
289a	Screw	1

Stay bolts

Pos.	Description	Kit no.
181	M5	98881544
	M6	98881543

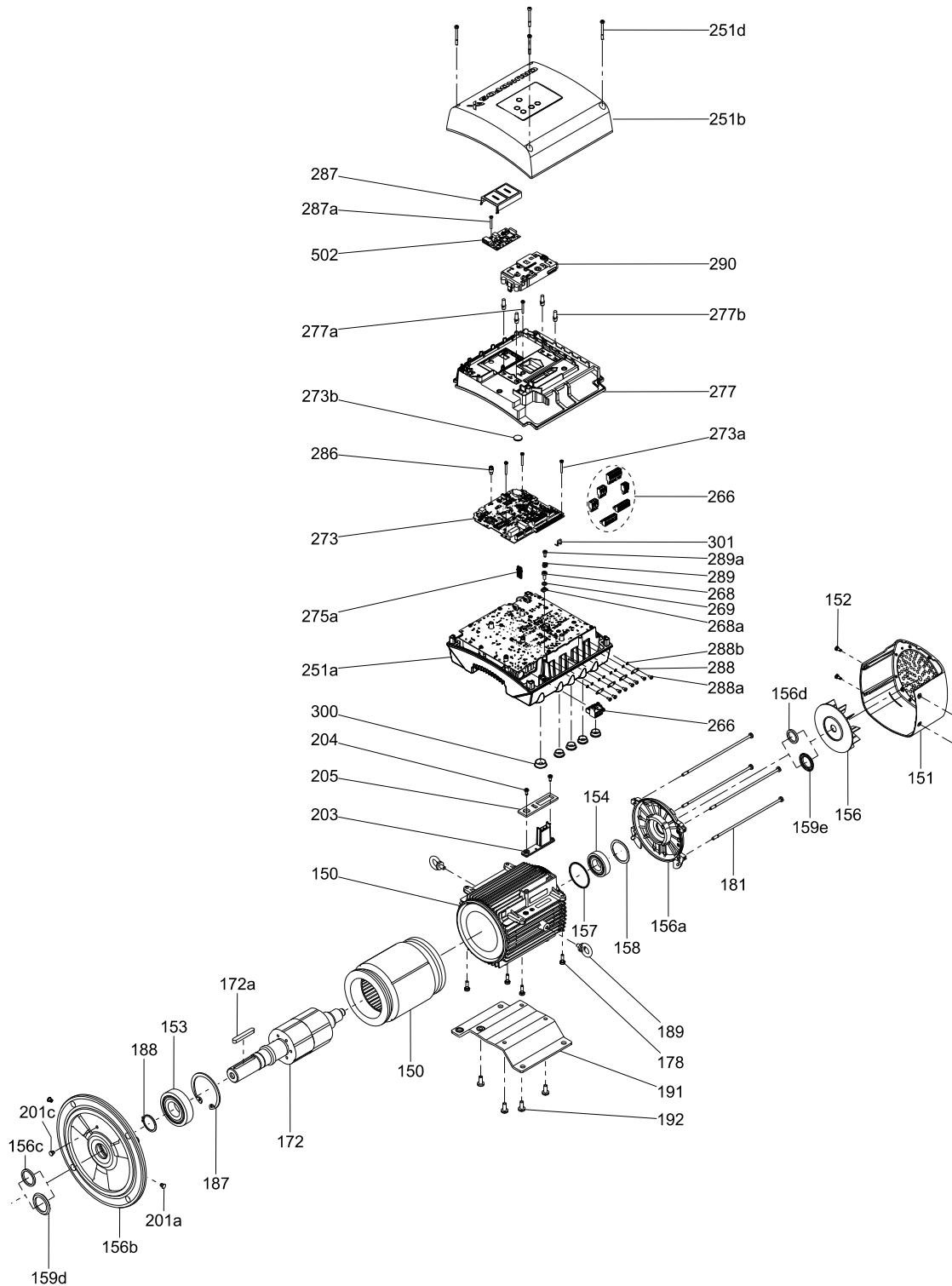
Gamma ring (IP66)

Pos.	Description	Kit no.
159d/ 159e	RB30/RB25	98966323
	RB30/RB30	98966326
	RB40/RB30	98966327
	RB45/RB30	98966328
	RB35/RB25	99010180
	RB25/RB25	99123492

Terminal plugs

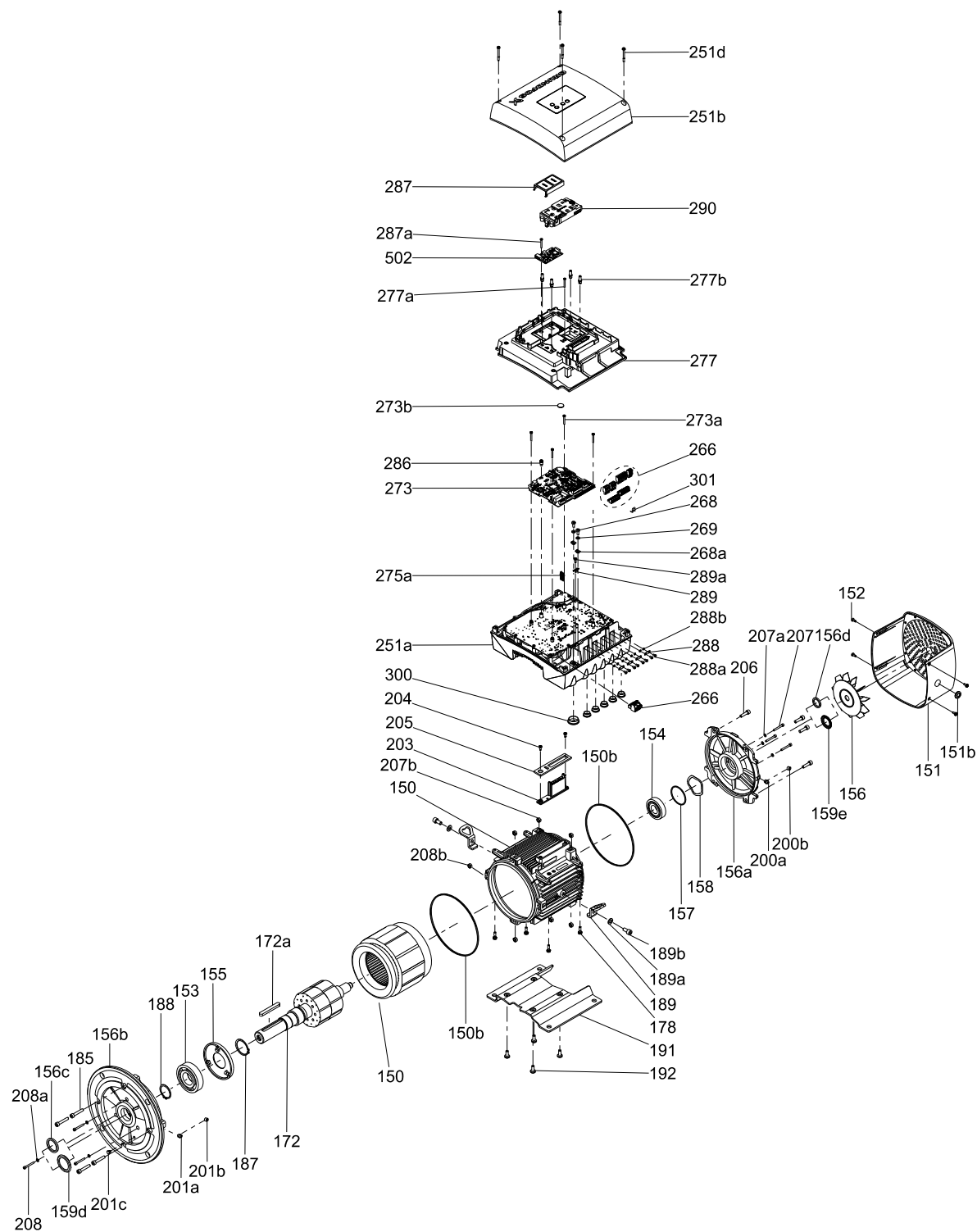
Pos.	Description	Kit no.
203	Small	99028676
	Small, LV	99042614
	Large	99028677
	Large, LV	99042615

Frame sizes 90, 100, 112 and 132 with stay bolt assembly of stator house



TM066928

Frame sizes 132 and 160 with short bolt assembly of stator house



TM066857

Replacement motors (without control box)

IEC, 3-phase 430 V, frame size 100

Power [kW]	Mounting designation	Max. speed	Shaft	Class	Kit no.
2.2	B3	2000	Keyway	IP55	99010726
		2000	Keyway	IP55	99010727
		2000	Keyway	IP55	99010725
	B14	2000	Smooth	IP55	99010724
		2000	Keyway	IP55	99045039
3.0	B3	2000	Keyway	IP55	99010730
		4000			99010737
		5900			99010743
	B5	2000	Keyway	IP55	99010731
		4000			99010736
		5900			99010742
	B14	2000	Keyway	IP55	99010729
			Smooth		99010728
		4000	Keyway		99010739
			Smooth		99010734
		5900	Keyway		99010744
			Smooth		99010745
4.0	B34	4000	Keyway	IP55	99010740
		4000	Smooth		99010741
		5900	Keyway		99063215
	B35	2000	Keyway	IP55	99045055
		4000			99010738
		5900			99045070

IEC, 3-phase 430 V, frame size 112

Power [kW]	Mounting designation	Max. speed	Shaft	Class	Kit no.
2.2	B3	2000	Keyway	IP55	99010749
		4000			99010755
		5900			99010764
	B5	2000	Keyway	IP55	99010748
		4000			99010759
		5900			99010760
4.0	B14	2000	Keyway	IP55	99010763
		2000			99010747
		2000			99010746
	B34	4000	Smooth	IP55	99010753
		4000			99010751
		4000			99010752
5.5	B35	4000	Keyway	IP55	99010750
		4000			99010765
		5900			99010766
	B5	2000	Keyway	IP55	99010767
		4000			99010756
		4000			99010757

IEC, 3-phase 430 V, frame size 132

Power [kW]	Mounting designation	Max. speed	Shaft	Class	Kit no.
2.2	B3	2000	Keyway	IP55	99010771
		4000	Keyway		99010779
		5900	Keyway		99010783
3.0	B5	2000	Keyway	IP55	99010769
		2000	Smooth		99010768
		2000	Keyway		99010775
4.0	B14	4000	Smooth	IP55	99010772
		4000	Smooth		99010773
		4000	Smooth		99010774
5.5	B34	5900	Keyway	IP55	99010782
		5900	Smooth		99010785
		5900	Keyway		99010770
7.5	B35	4000	Keyway	IP55	99010781
		4000	Keyway		99010784
		5900	Keyway		99082579
11.0	B3	2000	Smooth	IP55	99010786
		2000	Keyway		99063219
		2000	Keyway		99045063
15.0	B5	4000	Keyway	IP55	99010777
		4000	Smooth		99010778
		5900	Keyway		99045085
22.0	B14	2000	Keyway	IP55	99010789
		4000	Keyway		99010799
		5900	Keyway		99010803
30.0	B34	2000	Keyway	IP55	99010788
		2000	Smooth		99010787
		2000	Keyway		99010794
45.0	B5	4000	Smooth	IP55	99010791
		4000	Smooth		99010792
		4000	Keyway		99010793
75.0	B14	5900	Keyway	IP55	99010802
		5900	Keyway		99010805
		5900	Smooth		99010806
110.0	B35	4000	Keyway	IP55	99058626
		4000	Keyway		99010800
		5900	Keyway		99010804
160.0	B34	5900	Keyway	IP55	99082578
		5900	Keyway		99063222
		5900	Keyway		99045067
250.0	B5	4000	Keyway	IP55	99010796
		4000	Smooth		99010797
		5900	Keyway		99010798
355.0	B35	5900	Keyway	IP55	99045089
		5900	Keyway		99080292

IEC, 3-phase 430 V, frame size 160

Power [kW]	Mounting designation	Max. speed	Shaft	Class	Kit no.	
11.0	B3	4000	Keyway	IP55	99010818	
		5900	Keyway		99010822	
			Keyway		99010812	
	B5	4000	Smooth	IP55	99010809	
					99010810	
					99010811	
		5900	Smooth		99082582	
					99010821	
					99010807	
	B14	5900	Keyway		99082581	
					99082580	
					99010814	
	B35	4000	Smooth	IP55	99010815	
					99010817	
		5900	Keyway		99045093	

NEMA, 3-phase 460V, frame size 100

Power [hp]	Mounting designation	Max. speed	Shaft	Class	Kit no.
3	182TC	2000	Keyway	IP55	99010829
					99010830

NEMA, 3-phase 460V, frame size 112

Power [hp]	Mounting designation	Max. speed	Shaft	Class	Kit no.
5	182TC	2000	Keyway	IP55	99010831
					99010832
					99010835
	182TC	4000	Keyway	IP55	99010836
					99010833
					99010834
	182TC	5900	Keyway	IP55	99010840
					99010842
	B14	5900	Smooth	IP55	99010843

NEMA, 3-phase 460V, frame size 132

Power [hp]	Mounting designation	Max. speed	Shaft	Class	Kit no.
7.5	213TC	2000	Keyway	IP55	99010844
					99010845
	213TC	4000	Keyway	IP55	99010847
					99010851
			Smooth		99010846
					99010848
	213TC	5900	Keyway	IP55	99010854
			99010853		
	B14		Smooth	IP55	99010852
10	213TC	2000	Keyway	IP55	99010855
					99010856
	213TC	4000	Keyway	IP55	99010858
					99010862
			Smooth		99010857
					99010860
	213TC	5900	Keyway	IP55	99010865
			Smooth		99010864
	B14	5900	Smooth	IP55	99010863

NEMA, 3-phase 460V, frame size 160

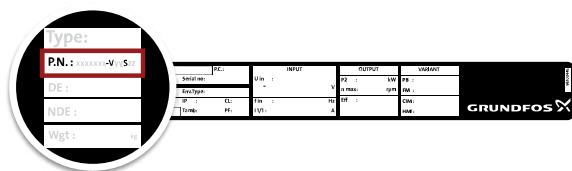
Power [hp]	Mounting designation	Max. speed	Shaft	Class	Kit no.
15	254TC	4000	Keyway	IP55	99010869
					99010870
					99010866
	254TC	5900	Smooth	IP55	99010868
					99010873
					99010872
	B5	5900	Smooth	IP55	99010871

2. Generation 2, with Safe Torque Off (STO) functionality

50/60 Hz



The Safe Torque Off (STO) functionality is only available for MGE, MLE motors having an STO version number. The STO version number is marked on the nameplate, after the product version number.



TM084339



The Safe Torque Off (STO) safety function cannot be retrofitted to older motors.

Bearing

Description	Type	Kit no.
Ball bearing	6204 + 6204	98330603
	6304 + 6204	98330604
	6305 + 6204	98330605
	6306 + 6204	98330606
	6305 + 6205	98881507
	6306 + 6205	98881508
	6306 + 6206	98881509
	6308 + 6206	98881510
	6308 + 6306	99124389
	6308 + 6206	98881521
	6309 + 6306	98881522
	6207 + 6205	98881523
	7306 + 6206	98881524
	7308 + 6206	98881525
	6308 + 6306	99099338
	7309 + 6306	98881526
	6306 + 7306	98881527
	6308 + 7306	98881528
	6309 + 7306	98881529
	6309 + 6306	99177551

Description	Type	Kit no.
Hybrid ball bearing	6305 + 6205	98881530
	6306 + 6205	98881531
	6306 + 6206	98881532
	6308 + 6206	98881533
	6308 + 6206	98881534
	6308 + 6306	99124391
	7306 + 6206	98881537
	7308 + 6206	98881538
	6306 + 7306	98881540
	6308 + 7306	98881541
	6309 + 7306	98881542
	7309 + 6306	99123455

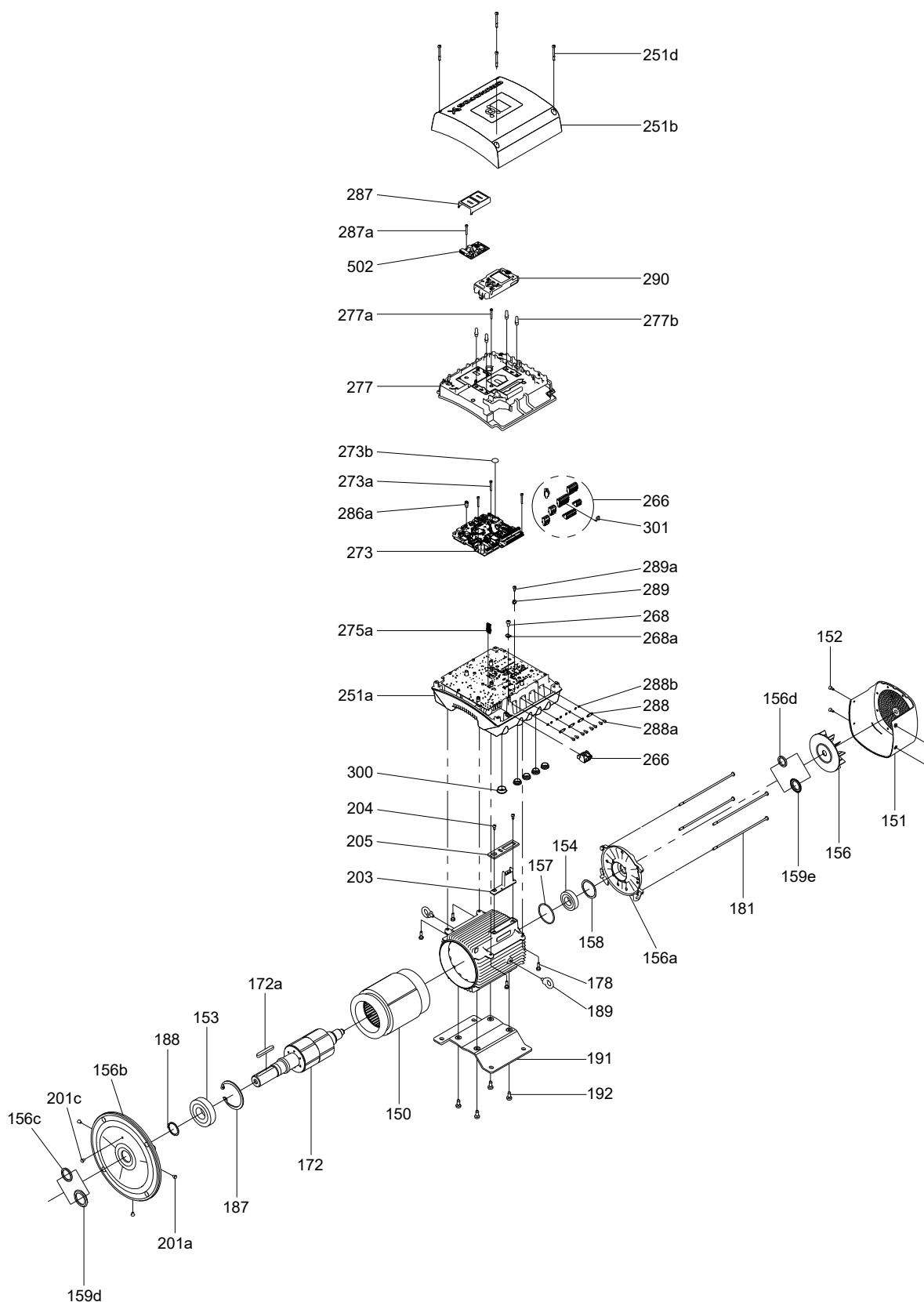
Blanking plugs

Pos.	Description	Quantity	Frame size	Kit no.
252b	Blanking plug	4	90, 100, 112, 132	99052475
		5	132, 160	99052476

Cable glands

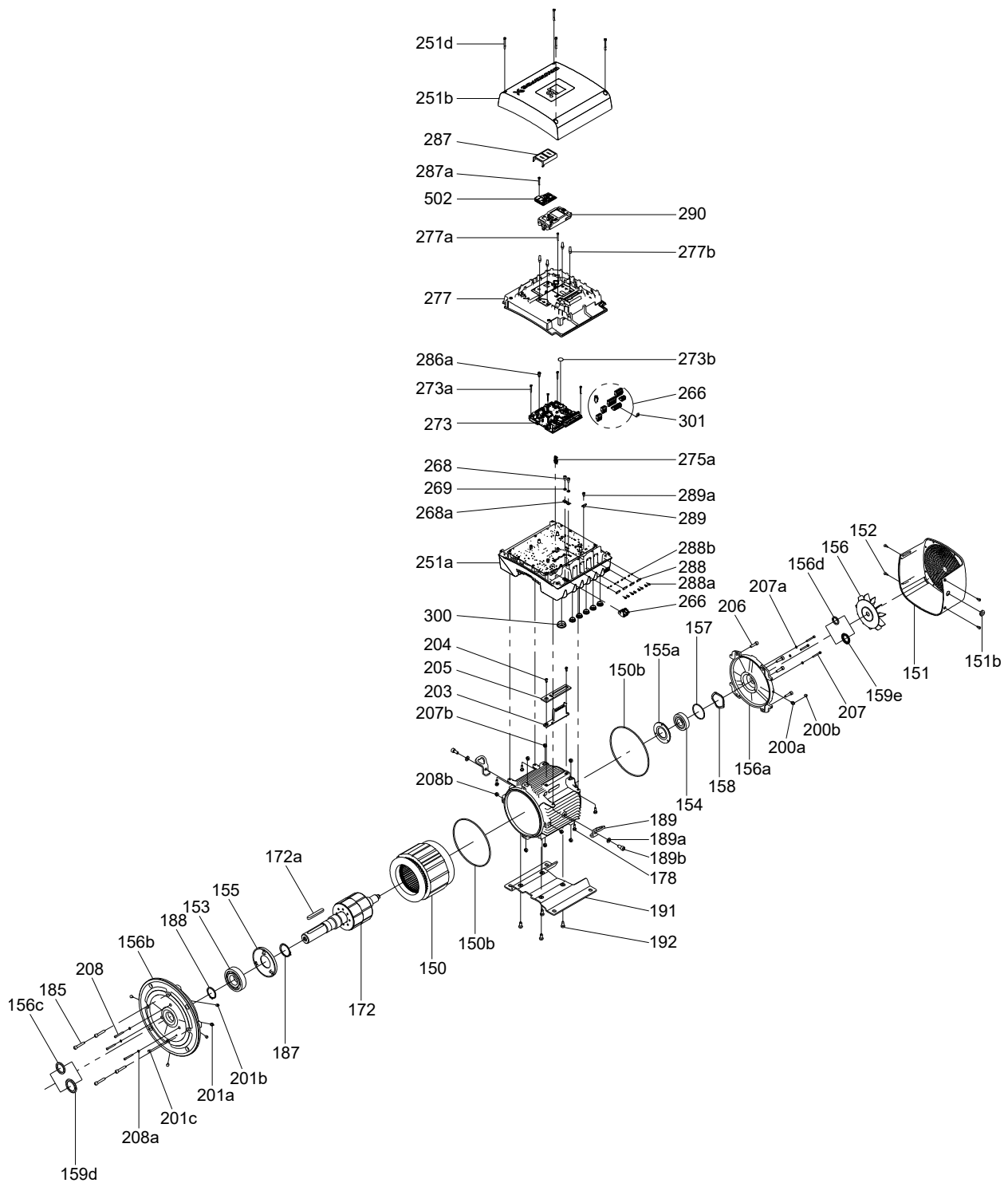
Description	Kit no.
1 x D9-18 and 2 x D5	98736096
1 x D14-D25 and 2 x D5	98736115
1 x D9-18 and 4 x D5	98736131
1 x D14-D25 and 4 x D5	98736132
1 x D9-18 and 6 x D5	98736138
1 x D14-25 and 6 x D5	98736140
10 x D9-18	98736142
10 x D14-25	98736145

Frame sizes 90, 100, 112 and 132 with stay bolt assembly of stator house



TM087626

Frame sizes 132 and 160 with short bolt assembly of stator house



TM087627

Control box, complete



All control boxes are delivered without a CIM module.

Description				
Functional module	Operating panel	Power board	Model	Kit no.
FM310	HMI 200	PB332	EBAK	93081313
		PB342	EBAL	93081315
		PB352	EBAM LV	93085085
		PB362	EBAN LV	93085088
		PB332	EBAK NPT	93076025
		PB342	EBAL NPT	93081319
		PB352	EBAM LV NPT	93085131
		PB362	EBAN LV NPT	93085284
	HMI 300	PB332	EDAK	93081345
		PB342	EDAL	93081346
		PB352	EDAM LV	93085301
		PB362	EDAN LV	93085303
		PB332	EDAK NPT	93081348
		PB342	EDAL NPT	93083987
		PB352	EDAM LV NPT	93085305
		PB362	EDAN LV NPT	93085306
	HMI 201	PB332	FFAK	93084000
		PB342	FFAL	93084005
		PB352	FFAM LV	93085320
		PB362	FFAN LV	93085325
		PB332	FFAK NPT	93084052
		PB342	FFAL NPT	93084080
		PB352	FAM LV NPT	93085328
		PB362	FFAN LV NPT	93085352
FM311	HMI 301	PB332	FHAK	93086095
		PB342	FHAL	93086099
		PB352	FHAM LV	93086102
		PB362	FHAN LV	93086308
		PB332	FHAK NPT	93086309
		PB342	FHAL NPT	93086321
		PB352	FHAM LV NPT	93086323
		PB362	FHAN LV NPT	93086325

Control box, lower part with power board

Supply voltage [VAC]	Power board	Motor	Max. power [kW]	Kit no.
3 x 200-240	PB352	MGE	4	93086034
		MLE	4	93076059
	PB362	MGE	5.5	93086036
		MLE	5.5	93076074

Supply voltage [VAC]	Power board	Motor	Max. power [kW]	Kit no.
3 x 380-500	PB332	MGE	5.5	93076100
		MLE	5.5	93076103
	PB342	MGE	11	93076106
		MLE	11	93076108

Content

Pos.	Description	Quantity
178	Screw	4
251a	Control box lower part cpl.	1
275a	Pin header	1
277	Isolation cover	1
277a	Screw	1
277b	Spring relief	4

Control box, upper part

Description	Kit no.
Blind, small	98869864
Blind, large	98869868
Standard, small	98869865
Standard, large	98869869
Graphical, small	98869867
Graphical, large	98869871

Content

Pos.	Description	Quantity
251b	Control box	1
251d	Screw	4

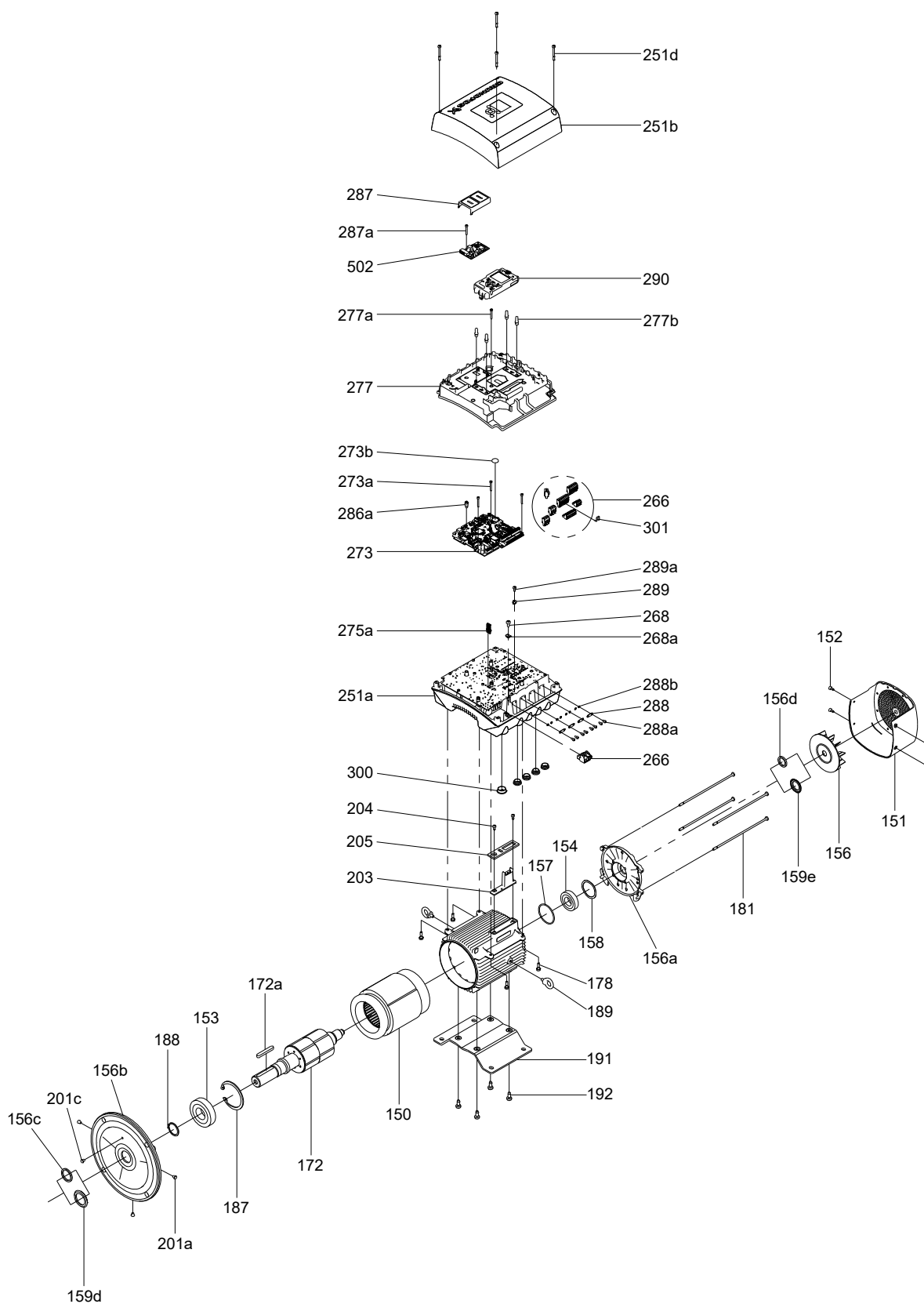
Operating panel

Pos.	Model	Description	Kit no.
290	HMI 100	Basic with radio	98939975
	HMI 101	Basic without radio	98939976
	HMI 200	Standard with radio	98939973
	HMI 201	Standard without radio	98939974
	HMI 300	Graphical with radio	98939971
	HMI 301	Graphical without radio	98939972

Cover for CIM

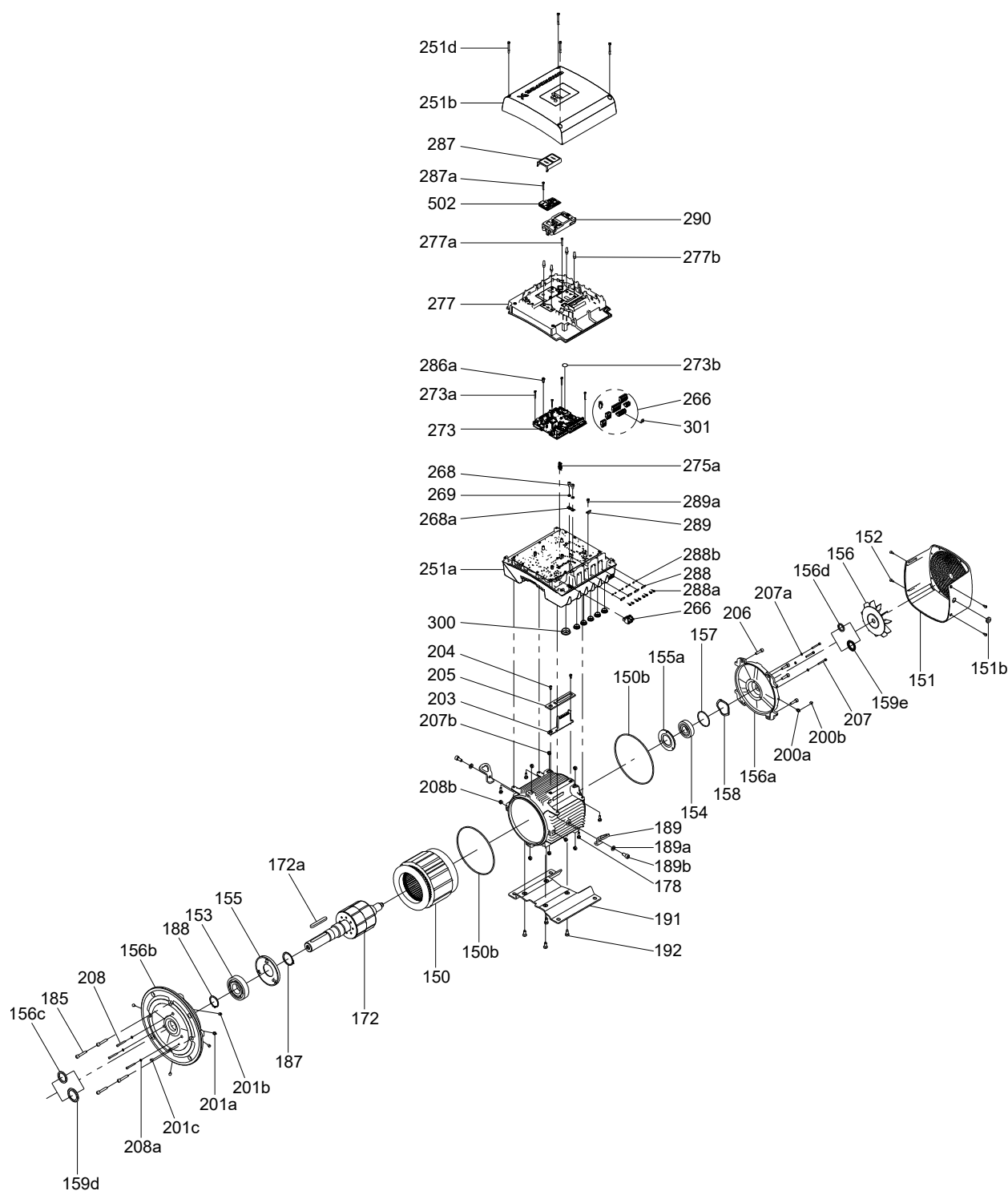
Pos.	Description	Kit no.
287	Cover	98330622

Frame sizes 90, 100, 112 and 132 with stay bolt assembly of stator house



TM087626

Frame sizes 132 and 160 with short bolt assembly of stator house



TM087627

End shield

Pos.	Description	Kit no.
156a/ 156b	End shield, non-drive end, D52/D161x25 6205	98869882
	End shield, non-drive end, D62/D161x26 6206	98869883
	End shield, D72/161x29.2 SF	98869884
	End shield, MGE132	98869885
	End shield, D72/223x32 SF	98869993
	End shield, non-drive end, D52/D161x25, IP66 6205	98961595
	End shield, non-drive end, D62/D161x26 IP66 6206	98961596
	End shield, MGE132, IP66	99028040
	End shield, D72/223x34.5, IP66	98869886

Fan

Pos.	Speed [rpm]	Power [kW]	Diameter ²⁾ [mm]	Seal ring	Kit no.
156	4000-5900	3.0-5.5	108	D30	98869874
			108	D35	98869875
	2900-4000	3.0-5.5	128	D30	98869876
			128	D35	98869877
	1450-2000	2.2-4.0	158	D30	98869878
	2900-4000	5.5-7.5	158	D35	98869879
	1450-2000	5.5-7.5	198	D30	98869880
			198	D35	98869881

²⁾ Some custom-made motors are fitted with an oversized fan.
The table corresponds to the standard range.

Fan cover

Pos.	Description	Kit no.
151	Cover for fan, 193.9x191.3x112.7	98861958
	Cover for fan, 261.8x254.9x145	98869872
	Cover for fan, 261.8x254.9x145 regrease	98869873

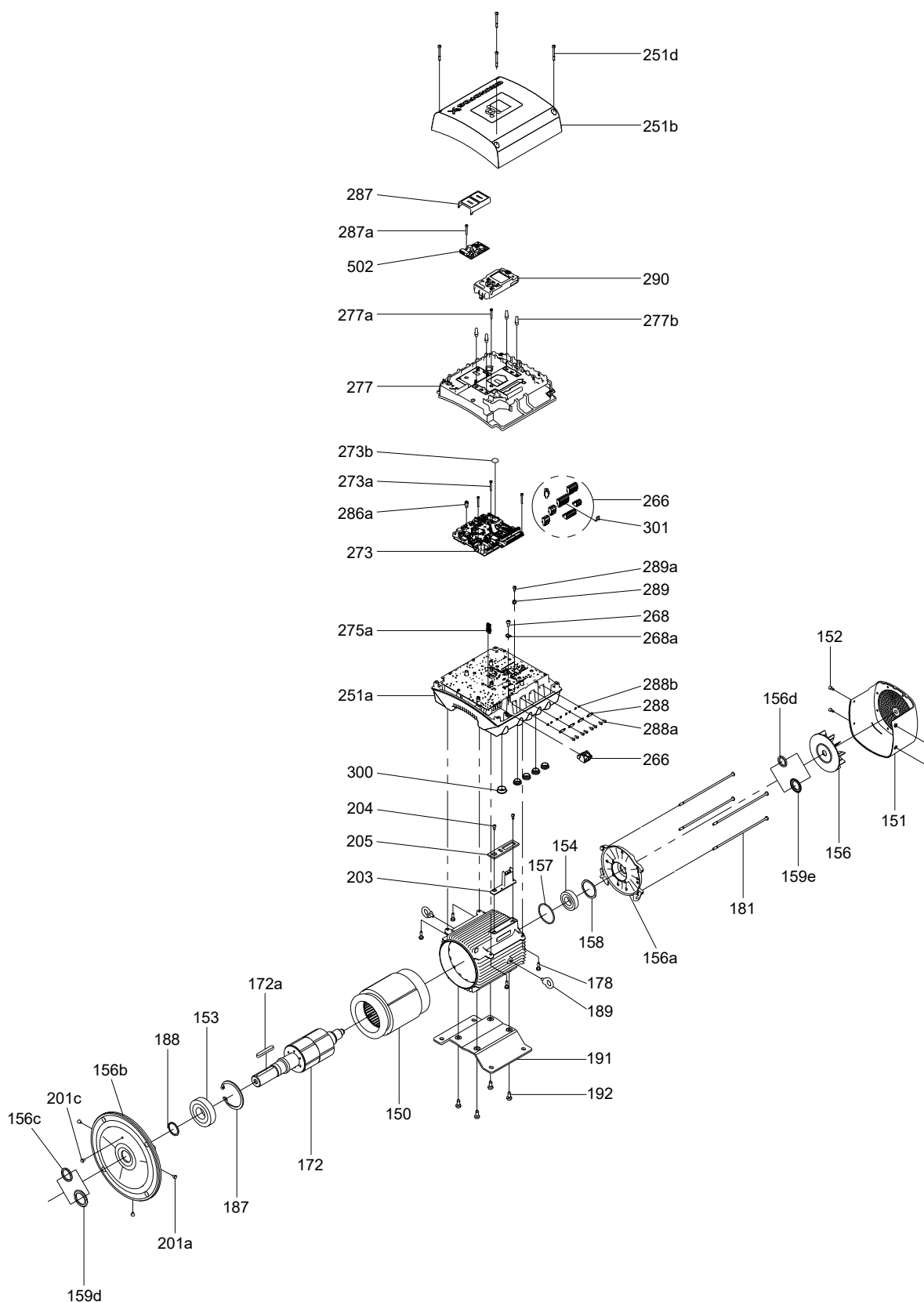
Flange

Standard	Type	Description	Model	Kit no.
IEC	B3	MGE100	D161	98869894
		MGE100	Drive-end, D161 M5	98869894
		MGE112	Drive-end, D161 M6	98966320
		MGE132	Drive-end, D214	98869908
		MGE132	Drive-end, D161	98869895
		MGE160	Drive-end, regrease D214	98869909
	B5	MGE100	FF215 D161 M5	98869891
		MGE112	FF215 D161 M6	98966316
		MGE132	FF265 SF	98869911
		MGE132	FF265 D161	98869892
		MGE132	FF265 SF D161	98869897
		MGE132	FF265 D214	98869905
	B14	MGE160	FF300 regrease SF D214	98869912
		MGE160	FF300 regrease D214	98869906
		MGE90	FT115	98869887
		MGE100/112/132	FT130 D214	98869910
		MGE100	FT130 D161 M5	98869888
		MGE112	FT130 SF D161 M6	98869896
NEMA	56C/ 143-5JM/ 182-4JM	MGE100	D161	98966322
		MGE100	D161 M5	98869898
		182/4TC	114.3 (shaft height)	98966321
		213/215TC	D214	98869913
		MGE132	D161	98869899
		254/256TC	133.5; 158.75 (shaft height)	98869914
	CM	MGE100/112	MG100S	98869900
		MGE100/112	MG100L	98869901
		MGE112	D156.7 D166	99027599
		MGE132	D156.7 D214 (large)	98869915

Content

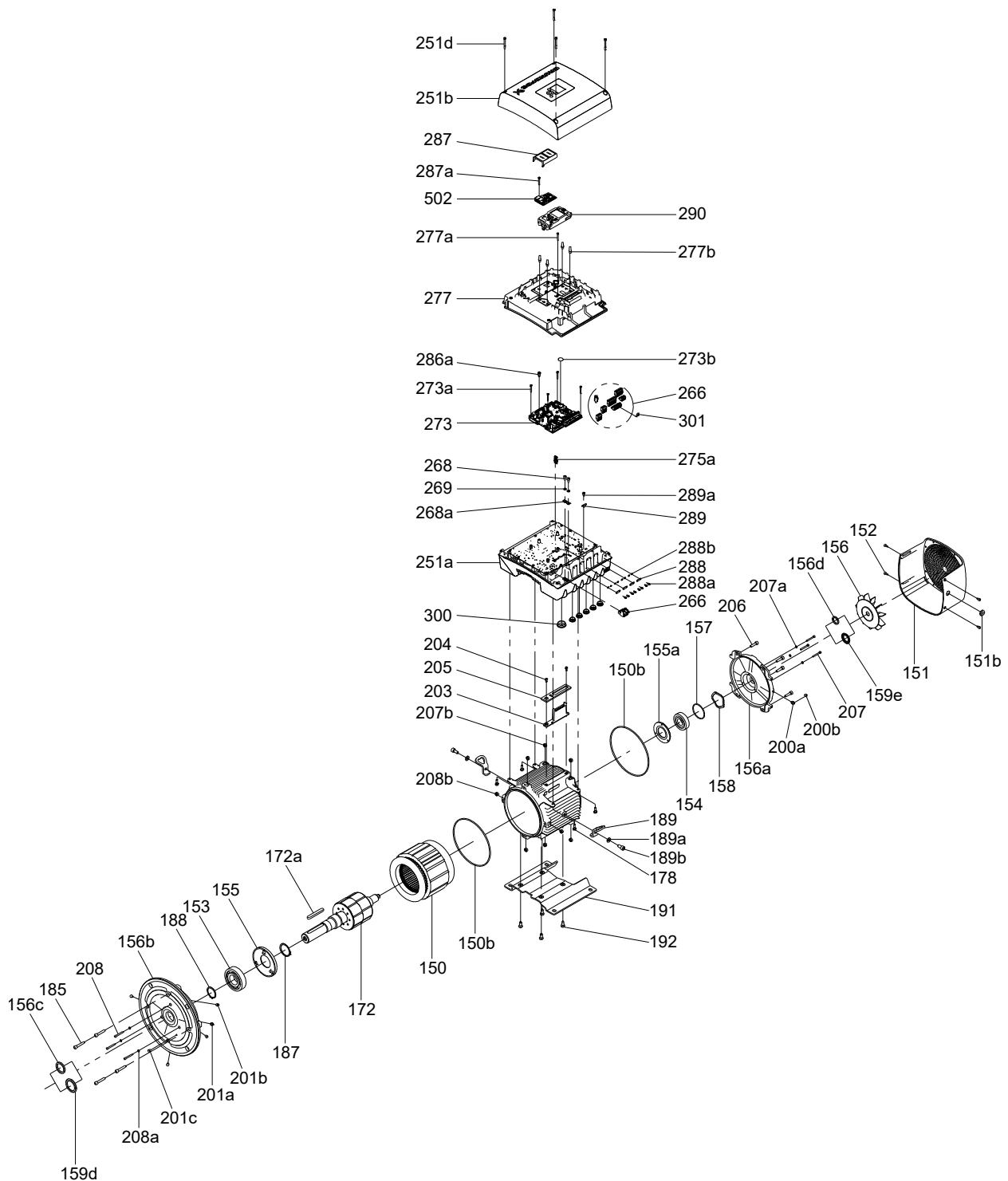
Pos.	Description	Quantity
156b	Flange	1
156c	Seal ring	1
201c	Drain plug	3

Frame sizes 90, 100, 112 and 132 with stay bolt assembly of stator house



TM087626

Frame sizes 132 and 160 with short bolt assembly of stator house



TM087627

Functional module

Description	Kit no.
FM110	92907255
FM310	92907254
FM311	92907256

Content

Pos.	Description	Quantity
273	Functional module	1
273a	Screw	5
275a	Pin header	1
286	Spacer	1

Foot

Pos.	Size	Description	Type	Kit no.
191	100L	Small	IEC	98962865
	112M	Small		98962866
	132S	Small		98962888
		Large		98962890
	160M	Large		98962891
	132S/M	Large		98962892
	182/184T	Small	CED, NEMA	98962894
	213/215T	Small	NEMA	98962896
		Large		98962897
	254/256T	Large		98962898
	100L	Small	CM	98962899
	112M	Small		98962901
	132S	Large		98962904

Isolation cover for power board

Description	Kit no.
Isolation cover, small	93075453
Isolation cover, large	93075456

Content

Pos.	Description	Quantity
277	Isolation cover	1
277a	Screw	1
277b	Spring relief	4

Screws, including wire clamps and PE washer

Frame size	Kit no.
90, 100, 112, 132	99028712
132, 160	99028725

Content

Pos.	Description	Quantity
268	Screw	1 (2 for Large)
268a	Base for earth screw	1 (2 for Large)
288	Wire clamp	4
288a	Screw	8
288b	Washer	8
289	Wire clamp	1
289a	Screw	1

Stay bolts

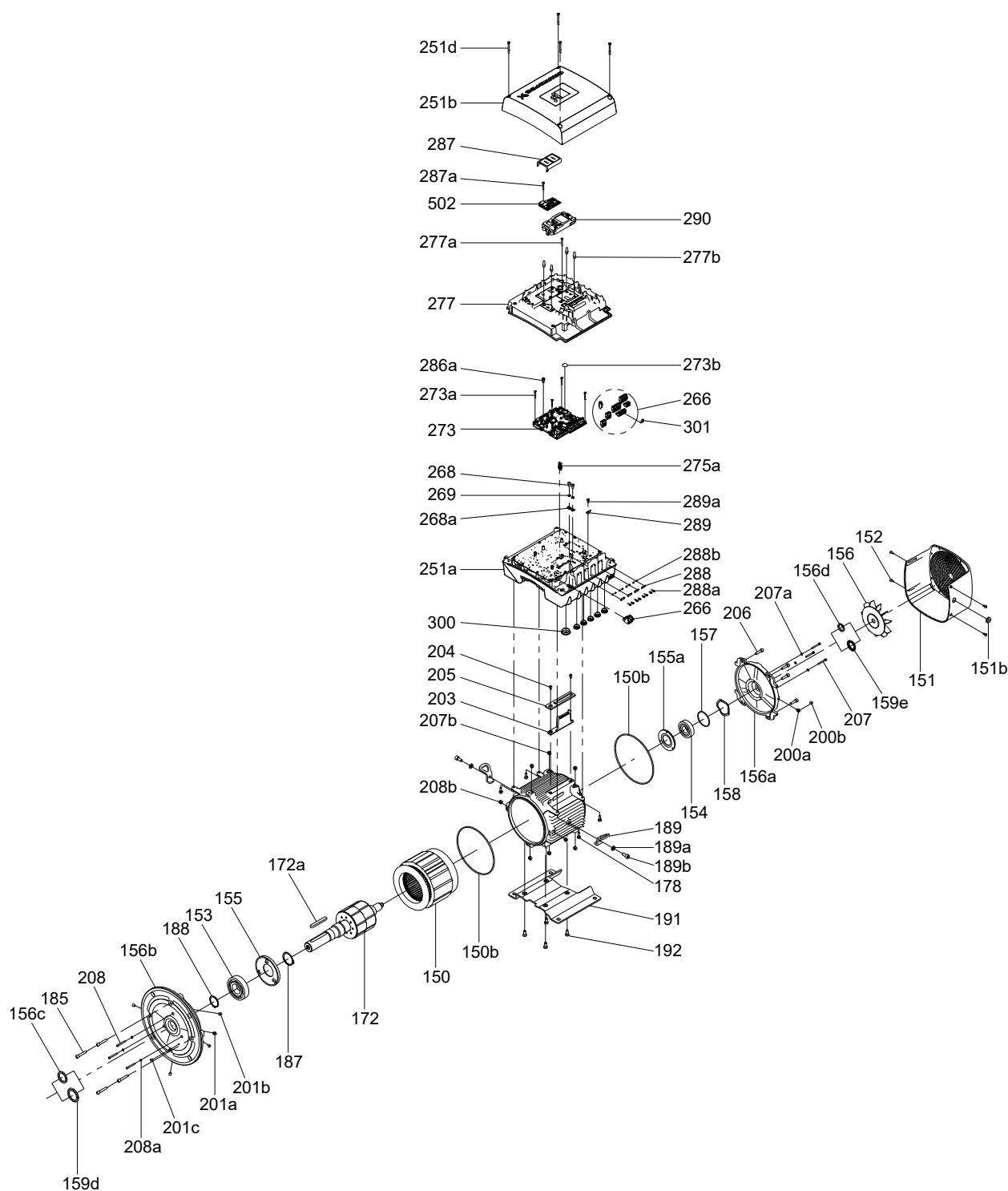
Pos.	Description	Kit no.
181	M5	98881544
	M6	98881543

Gamma ring (IP66)

Pos.	Description	Kit no.
159d/ 159e	RB30/RB25	98966323
	RB30/RB30	98966326
	RB40/RB30	98966327
	RB45/RB30	98966328
	RB35/RB25	99010180
	RB25/RB25	99123492

Terminal plugs

Pos.	Description	Kit no.
203	Kit, Terminal plugs for MGE	93183609
	Kit, Terminal plugs for MLE	93183620



28

Replacement motors (without control box)

IEC, 3-phase 430 V, frame size 100

Power [kW]	Mounting designation	Max. speed	Shaft	Class	Kit no.
2.2	B3	2000	Keyway	IP55	99010726
		2000	Keyway	IP55	99010727
		2000	Keyway	IP55	99010725
	B14	2000	Smooth	IP55	99010724
		2000	Keyway	IP55	99045039
3.0	B3	2000			99010730
		4000	Keyway	IP55	99010737
		5900			99010743
	B5	2000			99010731
		4000	Keyway	IP55	99010736
		5900			99010742
	B14	2000	Keyway	IP55	99010729
			Smooth		99010728
		4000	Keyway		99010739
			Smooth		99010734
		5900	Keyway		99010744
			Smooth		99010745
	B34	4000	Keyway	IP55	99010740
			Smooth		99010741
		5900	Keyway		99063215
	B35	2000			99045055
		4000	Keyway	IP55	99010738
		5900			99045070

IEC, 3-phase 430 V, frame size 112

Power [kW]	Mounting designation	Max. speed	Shaft	Class	Kit no.
4.0	B3	2000			99010749
		4000	Keyway	IP55	99010755
		5900			99010764
	B5	2000	Keyway	IP55	99010748
		4000	Smooth		99010759
		5900	Keyway		99010760
	B14	2000	Keyway	IP55	99010763
			Smooth		99010747
		4000	Keyway		99010746
			Smooth		99010753
		5900	Keyway		99010751
			Smooth		99010752
	B34	4000	Keyway	IP55	99010750
			Smooth		99010765
		5900	Smooth		99010766
	B35	2000	Keyway	IP55	99010767
			Smooth		99010756
		4000	Keyway		99010757
5.5	B5	2000			99045060
		4000	Keyway	IP55	99010758
		5900			99045084

IEC, 3-phase 430 V, frame size 132

Power [kW]	Mounting designation	Max. speed	Shaft	Class	Kit no.
5.5	B3	2000	Keyway	IP55	99010771
		4000	Keyway		99010779
		5900	Keyway		99010783
	B5	2000	Keyway	IP55	99010769
			Smooth		99010768
			Keyway		99010775
		4000	Smooth		99010772
					99010773
					99010774
	B14	5900	Keyway	IP55	99010782
			Smooth		99010785
		2000	Keyway		99010770
			Keyway		99010781
		4000	Keyway		99010784
			Smooth		99082579
7.5	B34	5900	Keyway	IP55	99010786
					99063219
		2000	Keyway		99045063
	B35	4000	Keyway	IP55	99010777
			Smooth		99010778
		5900	Keyway		99045085
	B3	2000	Keyway	IP55	99010789
		4000	Keyway		99010799
		5900	Keyway		99010803
	B5	2000	Keyway	IP55	99010788
			Smooth		99010787
		4000	Keyway		99010794
			Smooth		99010791
		5900	Smooth		99010792
			Keyway		99010793
11.0	B14	4000	Keyway	IP55	99010802
			Smooth		99010805
		5900	Smooth		99010806
	B34	4000	Keyway	IP55	99058626
			Keyway		99010800
		5900	Keyway		99010804
	B35	4000	Keyway	IP55	99082578
			Smooth		99063222
		5900	Keyway		99045067
	B5	4000	Keyway	IP55	99010796
			Smooth		99010797
		5900	Keyway		99010798

IEC, 3-phase 430 V, frame size 160

Power [kW]	Mounting designation	Max. speed	Shaft	Class	Kit no.
11.0	B3	4000	Keyway	IP55	99010818
		5900	Keyway		99010822
			Keyway		99010812
	B5	4000	Smooth	IP55	99010809
					99010810
					99010811
		5900	Smooth		99082582
					99010821
					99010807
	B14	5900	Keyway		99082581
					99082580
					99010814
	B35	4000	Smooth	IP55	99010815
					99010817
		5900	Keyway		99045093

NEMA, 3-phase 460V, frame size 100

Power [hp]	Mounting designation	Max. speed	Shaft	Class	Kit no.
3	182TC	2000	Keyway	IP55	99010829
					99010830

NEMA, 3-phase 460V, frame size 112

Power [hp]	Mounting designation	Max. speed	Shaft	Class	Kit no.
5	182TC	2000	Keyway	IP55	99010831
					99010832
					99010835
	182TC	4000	Keyway	IP55	99010836
					99010833
					99010834
	182TC	5900	Keyway	IP55	99010840
					99010842
					99010843
	B14	5900	Smooth	IP55	99010843

NEMA, 3-phase 460V, frame size 132

Power [hp]	Mounting designation	Max. speed	Shaft	Class	Kit no.
7.5	213TC	2000	Keyway	IP55	99010844
					99010845
					99010847
	213TC	4000	Keyway	IP55	99010851
					99010846
					99010848
	213TC	5900	Keyway	IP55	99010854
					99010853
	B14		Smooth	IP55	99010852
	213TC	2000	Keyway	IP55	99010855
					99010856
					99010858
10	213TC	4000	Keyway	IP55	99010862
					99010867
					99010860
	213TC	5900	Keyway	IP55	99010865
					99010864
	B14	5900	Smooth	IP55	99010863
					99010863
					99010863

NEMA, 3-phase 460V, frame size 160

Power [hp]	Mounting designation	Max. speed	Shaft	Class	Kit no.
15	254TC	4000	Keyway	IP55	99010869
					99010870
					99010866
	254TC	5900	Smooth	IP55	99010868
					99010873
					99010872
	B5	5900	Smooth	IP55	99010871
					99010871

Argentina

Bombas GRUNDFOS de Argentina S.A.
Ruta Panamericana km. 37.500 Industin
1619 - Garín Pcia. de B.A.
Tel.: +54-3327 414 444
Fax: +54-3327 45 3190

Australia

GRUNDFOS Pumps Pty. Ltd.
P.O. Box 2040
Regency Park
South Australia 5942
Tel.: +61-8-8461-4611
Fax: +61-8-8340-0155

Austria

GRUNDFOS Pumpen Vertrieb Ges.m.b.H.
Grundfosstraße 2
A-5082 Grödig/Salzburg
Tel.: +43-6246-883-0
Fax: +43-6246-883-30

Belgium

N.V. GRUNDFOS Bellux S.A.
Boomsesteenweg 81-83
B-2630 Aartselaar
Tel.: +32-3-870 7300
Fax: +32-3-870 7301

Bosnia and Herzegovina

GRUNDFOS Sarajevo
Zmaja od Bosne 7-7A
BiH-71000 Sarajevo
Tel.: +387 33 592 480
Fax: +387 33 590 465
www.ba.grundfos.com
E-mail: grundfos@bih.net.ba

Brazil

BOMBAS GRUNDFOS DO BRASIL
Av. Humberto de Alencar Castelo Branco,
630
CEP 09850 - 300
São Bernardo do Campo - SP
Tel.: +55-11 4393 5533
Fax: +55-11 4343 5015

Bulgaria

Grundfos Bulgaria EOOD
Slatina District
Iztocna Tangenta street no. 100
BG - 1592 Sofia
Tel.: +359 2 49 22 200
Fax: +359 2 49 22 201
E-mail: bulgaria@grundfos.bg

Canada

GRUNDFOS Canada inc.
2941 Brighton Road
Oakville, Ontario
L6H 6C9
Tel.: +1-905 829 9533
Fax: +1-905 829 9512

China

GRUNDFOS Pumps (Shanghai) Co. Ltd.
10F The Hub, No. 33 Suhong Road
Minhang District
Shanghai 201106 PRC
Tel.: +86 21 612 252 22
Fax: +86 21 612 253 33

Columbia

GRUNDFOS Colombia S.A.S.
Km 1.5 vía Siberia-Cota Conj. Potrero
Chico,
Parque Empresarial Arcos de Cota Bod.
1A.
Cota, Cundinamarca
Tel.: +57(1)-2913444
Fax: +57(1)-8764586

Croatia

GRUNDFOS CROATIA d.o.o.
Buzinski prilaz 38, Buzin
HR-10010 Zagreb
Tel.: +385 1 6595 400
Fax: +385 1 6595 499
www.hr.grundfos.com

Czech Republic

GRUNDFOS Sales Czechia and Slovakia
s.r.o.
Čajkovského 21
779 00 Olomouc
Tel.: +420-585-716 111

Denmark

GRUNDFOS DK A/S
Martin Bachs Vej 3
DK-8850 Bjerringbro
Tel.: +45-87 50 50 50
Fax: +45-87 50 51 51
E-mail: info_GDK@grundfos.com
www.grundfos.com/DK

Estonia

GRUNDFOS Pumps Eesti OÜ
Peterburi tee 92G
11415 Tallinn
Tel.: + 372 606 1690
Fax: + 372 606 1691

Finland

OY GRUNDFOS Pumput AB
Trukkikuja 1
FI-01360 Vantaa
Tel.: +358-(0) 207 889 500

France

Pompes GRUNDFOS Distribution S.A.
Parc d'Activités de Chesnes
57, rue de Malacombe
F-38290 St. Quentin Fallavier (Lyon)
Tel.: +33-4 74 82 15 15
Fax: +33-4 74 94 10 51

Germany

GRUNDFOS GMBH
Schlüterstr. 33
40699 Erkrath
Tel.: +49-(0) 211 929 69-0
Fax: +49-(0) 211 929 69-3799
E-mail: infoservice@grundfos.de
Service in Deutschland:
kundendienst@grundfos.de

Greece

GRUNDFOS Hellas A.E.B.E.
20th km. Athinon-Markopoulou Av.
P.O. Box 71
GR-19002 Peania
Tel.: +0030-210-66 83 400
Fax: +0030-210-66 46 273

Hong Kong

GRUNDFOS Pumps (Hong Kong) Ltd.
Unit 1, Ground floor, Siu Wai Industrial
Centre
29-33 Wing Hong Street & 68 King Lam
Street, Cheung Sha Wan
Kowloon
Tel.: +852-27861706 / 27861741
Fax: +852-27858664

Hungary

GRUNDFOS South East Europe Kft.
Tópark u. 8
H-2045 Törökbálint
Tel.: +36-23 511 110
Fax: +36-23 511 111

India

GRUNDFOS Pumps India Private Limited
118 Old Mahabalipuram Road
Thoraipakkam
Chennai 600 097
Tel.: +91-44 2496 6800

Indonesia

PT GRUNDFOS Pompa
Graha intirub Lt. 2 & 3
Jln. Cililitan Besar No.454. Makasar,
Jakarta Timur
ID-Jakarta 13650
Tel.: +62 21-469-51900
Fax: +62 21-460 6910 / 460 6901

Ireland

GRUNDFOS (Ireland) Ltd.
Unit A, Merrywell Business Park
Ballymount Road Lower
Dublin 12
Tel.: +353-1-4089 800
Fax: +353-1-4089 830

Italy

GRUNDFOS Pompe Italia S.r.l.
Via Gran Sasso 4
I-20060 Truccazzano (Milano)
Tel.: +39-02-95838112
Fax: +39-02-95309290 / 95838461

Japan

GRUNDFOS Pumps K.K.
1-2-3, Shin-Miyakoda, Kita-ku
Hamamatsu
431-2103 Japan
Tel.: +81 53 428 4760
Fax: +81 53 428 5005

Kazakhstan

Grundfos Kazakhstan LLP
7' Kyz-Zhibek Str., Kok-Tobe micr.
KZ-050020 Almaty Kazakhstan
Tel.: +7 (727) 227-98-55/56

Korea

GRUNDFOS Pumps Korea Ltd.
6th Floor, Aju Building 679-5
Yeoksam-dong, Kangnam-ku, 135-916
Seoul, Korea
Tel.: +82-2-5317 600
Fax: +82-2-5633 725

Latvia

SIA GRUNDFOS Pumps Latvia
Deglava biznesa centrs
Augusta Deglava ielā 60
LV-1035, Rīga,
Tel.: + 371 714 9640, 7 149 641
Fax: + 371 914 9646

Lithuania

GRUNDFOS Pumps UAB
Smolensko g. 6
LT-03201 Vilnius
Tel.: + 370 52 395 430
Fax: + 370 52 395 431

Malaysia

GRUNDFOS Pumps Sdn. Bhd.
7 Jalan Peguam U1/25
Glenmarie industrial Park
40150 Shah Alam, Selangor
Tel.: +60-3-5569 2922
Fax: +60-3-5569 2866

Mexico

Bombas GRUNDFOS de México
S.A. de C.V.
Boulevard TLC No. 15
Parque industrial Stiva Aeropuerto
Apodaca, N.L. 66600
Tel.: +52-81-8144 4000
Fax: +52-81-8144 4010

Netherlands

GRUNDFOS Netherlands
Veluwezoom 35
1326 AE Almere
Postbus 22015
1302 CA ALMERE
Tel.: +31-88-478 6336
Fax: +31-88-478 6332
E-mail: info_gnl@grundfos.com

New Zealand

GRUNDFOS Pumps NZ Ltd.
17 Beatrice Tinsley Crescent
North Harbour Industrial Estate
Albany, Auckland
Tel.: +64-9-415 3240
Fax: +64-9-415 3250

Norway

GRUNDFOS Pumper A/S
Strømsveien 344
Postboks 235, Leirdal
N-1011 Oslo
Tel.: +47-22 90 47 00
Fax: +47-22 32 21 50

Poland

GRUNDFOS Pompy Sp. z o.o.
ul. Klonowa 23
Baranowo k. Poznania
PL-62-081 Przeźmierowo
Tel.: (+48-61) 650 13 00
Fax: (+48-61) 650 13 50

Portugal

Bombas GRUNDFOS Portugal, S.A.
Rua Calvet de Magalhães, 241
Apartado 1079
P-2770-153 Paço de Arcos
Tel.: +351-21-440 76 00
Fax: +351-21-440 76 90

Romania

GRUNDFOS Pompe România SRL
S-PARK BUSINESS CENTER, Clădirea
A2, etaj 2
Str. Tipografilor, Nr. 11-15, Sector 1, Cod
013714
Bucuresti, Romania
Tel.: 004 021 2004 100
E-mail: romania@grundfos.ro

Serbia

Grundfos Srbija d.o.o.
Omladinskih brigada 90b
11070 Novi Beograd
Tel.: +381 11 2258 740
Fax: +381 11 2281 769
www.rs.grundfos.com

Singapore

GRUNDFOS (Singapore) Pte. Ltd.
25 Jalan Tukang
Singapore 619264
Tel.: +65-6681 9688
Fax: +65-6681 9689

Slovakia

GRUNDFOS s.r.o.
Prievozská 4D 821 09 BRATISLAVA
Tel.: +421 2 5020 1426
sk.grundfos.com

Slovenia

GRUNDFOS LJUBLJANA, d.o.o.
Leskoškova 9e, 1122 Ljubljana
Tel.: +386 (0) 1 568 06 10
Fax: +386 (0) 1 568 06 19
E-mail: tehnika-si@grundfos.com

South Africa

GRUNDFOS (PTY) LTD
16 Lascelles Drive, Meadowbrook Estate
1609 Germiston, Johannesburg
Tel.: (+27) 10 248 6000
Fax: (+27) 10 248 6002
E-mail: lgradidge@grundfos.com

Spain

Bombas GRUNDFOS España S.A.
Camino de la Fuentecilla, s/n
E-28110 Algete (Madrid)
Tel.: +34-91-848 8800
Fax: +34-91-628 0465

Sweden

GRUNDFOS AB
Box 333 (Lunnagårdsgatan 6)
431 24 Mölndal
Tel.: +46 31 332 23 000
Fax: +46 31 331 94 60

Switzerland

GRUNDFOS Pumpen AG
Bruggacherstrasse 10
CH-8117 Fällanden/ZH
Tel.: +41-44-806 8111
Fax: +41-44-806 8115

Taiwan

GRUNDFOS Pumps (Taiwan) Ltd.
7 Floor, 219 Min-Chuan Road
Taichung, Taiwan, R.O.C.
Tel.: +886-4-2305 0868
Fax: +886-4-2305 0878

Thailand

GRUNDFOS (Thailand) Ltd.
92 Chaloom Phrakiat Rama 9 Road
Dokmai, Pravej, Bangkok 10250
Tel.: +66-2-725 8999
Fax: +66-2-725 8998

Turkey

GRUNDFOS POMPA San. ve Tic. Ltd. Sti.
Gebze Organize Sanayi Bölgesi
İhsan dede Caddesi
2. yol 200. Sokak No. 204
41490 Gebze/ Kocaeli
Tel.: +90 - 262-679 7979
Fax: +90 - 262-679 7905
E-mail: satis@grundfos.com

Ukraine

ТОВ "ГРУНДФОС УКРАЇНА"
Бізнес Центр Європа
Столичне шосе, 103
м. Київ, 03131, Україна
Tel.: (+38 044) 237 04 00
Fax: (+38 044) 237 04 01
E-mail: ukraine@grundfos.com

United Arab Emirates

GRUNDFOS Gulf Distribution
P.O. Box 16768
Jebel Ali Free Zone, Dubai
Tel.: +971 4 8815 136
Fax: +971 4 8815 136

United Kingdom

GRUNDFOS Pumps Ltd.
Grovebury Road
Leighton Buzzard/Beds. LU7 4TL
Tel.: +44-1525-850000
Fax: +44-1525-850011

U.S.A.

Global Headquarters for WU
856 Koomey Road
Brookshire, Texas 77423 USA
Phone: +1-630-236-5500

Uzbekistan

Grundfos Tashkent, Uzbekistan
The Representative Office of Grundfos
Kazakhstan in Uzbekistan
38a, Oybek street, Tashkent
Tel.: (+998) 71 150 3290 / 71 150 3291
Fax: (+998) 71 150 3292

93246322 09.2024
ECM: 1402715

GRUNDFOS Holding A/S
Poul Due Jensens Vej 7
DK-8850 Bjerringbro
Tel: +45 87 50 14 00
www.grundfos.com

