

20. CR SF

CRN 2 SF

50/60 Hz, Model D

Chamber stack complete

Consists of items: 4, 4a, 5a, 47a, 49, 51, 61, 64, 64b, 64c, 66, 67, 69		Kit No
Number of stages		
18 (16 impellers)		405226
26 (24 impellers)		405227

Coupling complete

	Kit No	415063
Pos.	Motor/pump shaft diameter [mm]	28/12
	Description	
-	Coupling half	2
9	Screw	4
10	Pin	1

Impeller and spacing pipe

	Kit No	405083
Pos.	Description	
49	Impeller	2
64	Spacing pipe	2

Shaft seal

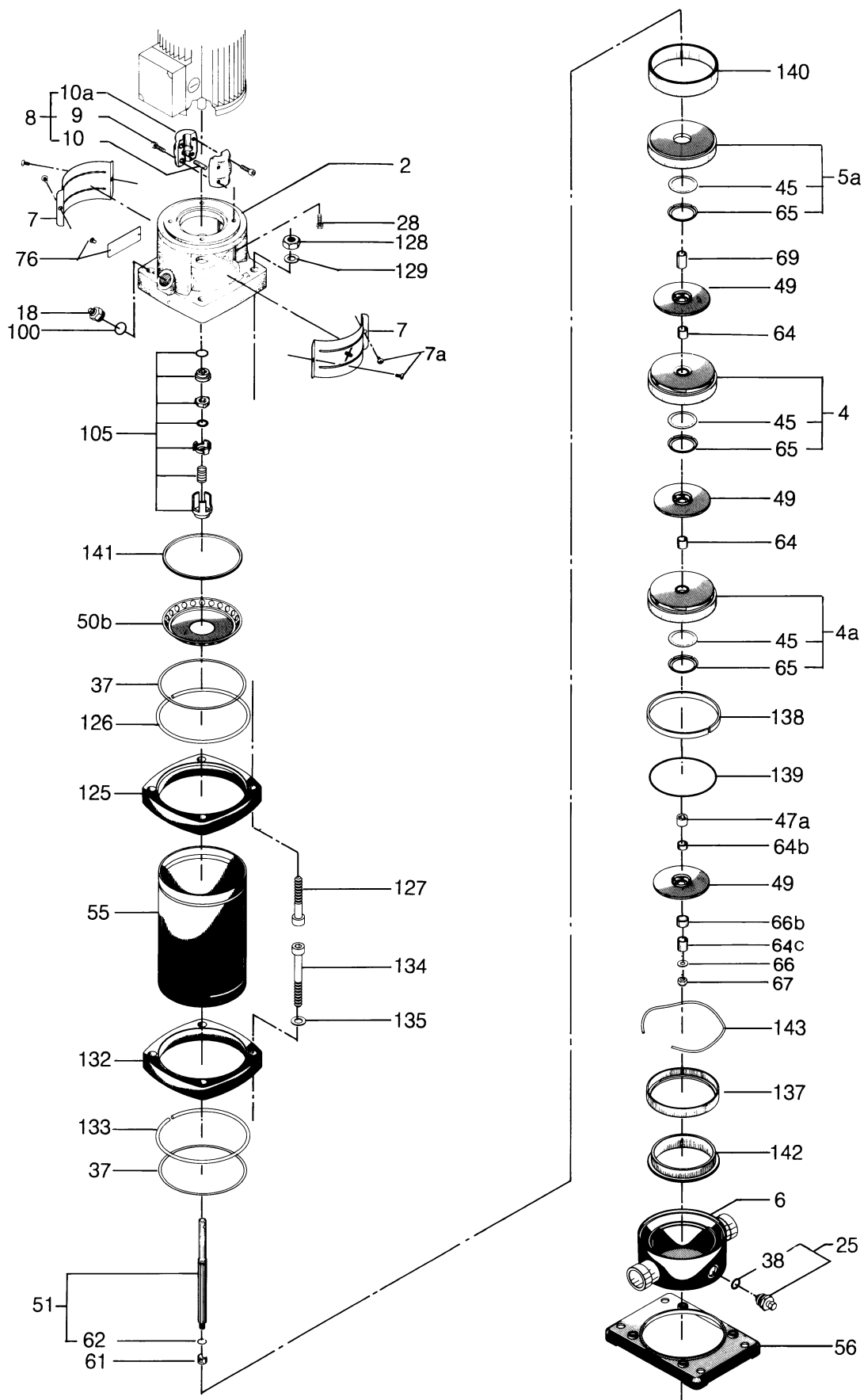
	Kit No	405145	405146
Pos.	Description	AUUE/V	AUUE/V
37	Vulcanised sleeve gasket	-	2
105	Shaft seal	1	1

Wear parts

	Number of stages	16	24
Pos.	Description/ Kit No	405147	405148
4a	Bearing chamber	2	3
37	Vulcanised sleeve gasket	2	2
38	Drain plug gasket ★	1	1
45	Neck ring	14	21
47a	Bearing ring	2	3
61	Spacer for shaft seal	1	1
65	Neck ring retainer	14	21
64c	Spacer	1	1
66	Spring washer	1	1
67	Lock nut	1	1
100	O-ring ★	1	1

★ EPDM and FKM

CRN 2 SF



TM00 2978 2498

CRN 4 SF

50/60 Hz, model D

★ EPDM and FKM

Chamber stack complete

Consists of items: 4, 4a, 5a, 47a, 49, 51, 61, 64, 64b, 64c, 66, 66b, 67, 69		Kit No
Number of stages		
16 (15 impellers)		415366
22 (21 impellers)		415306

Coupling complete

		50 Hz	60 Hz
Pos.	Kit No	415063	415065
	Motor/pump shaft diameter [mm]	28/12	38/12
	Description		
10a	Coupling half	2	2
9	Screw	4	4
10	Pin	1	1

Impeller

Pos.	Kit No	415232
	Description	
49	Impeller	2
64	Spacing pipe for impeller	2

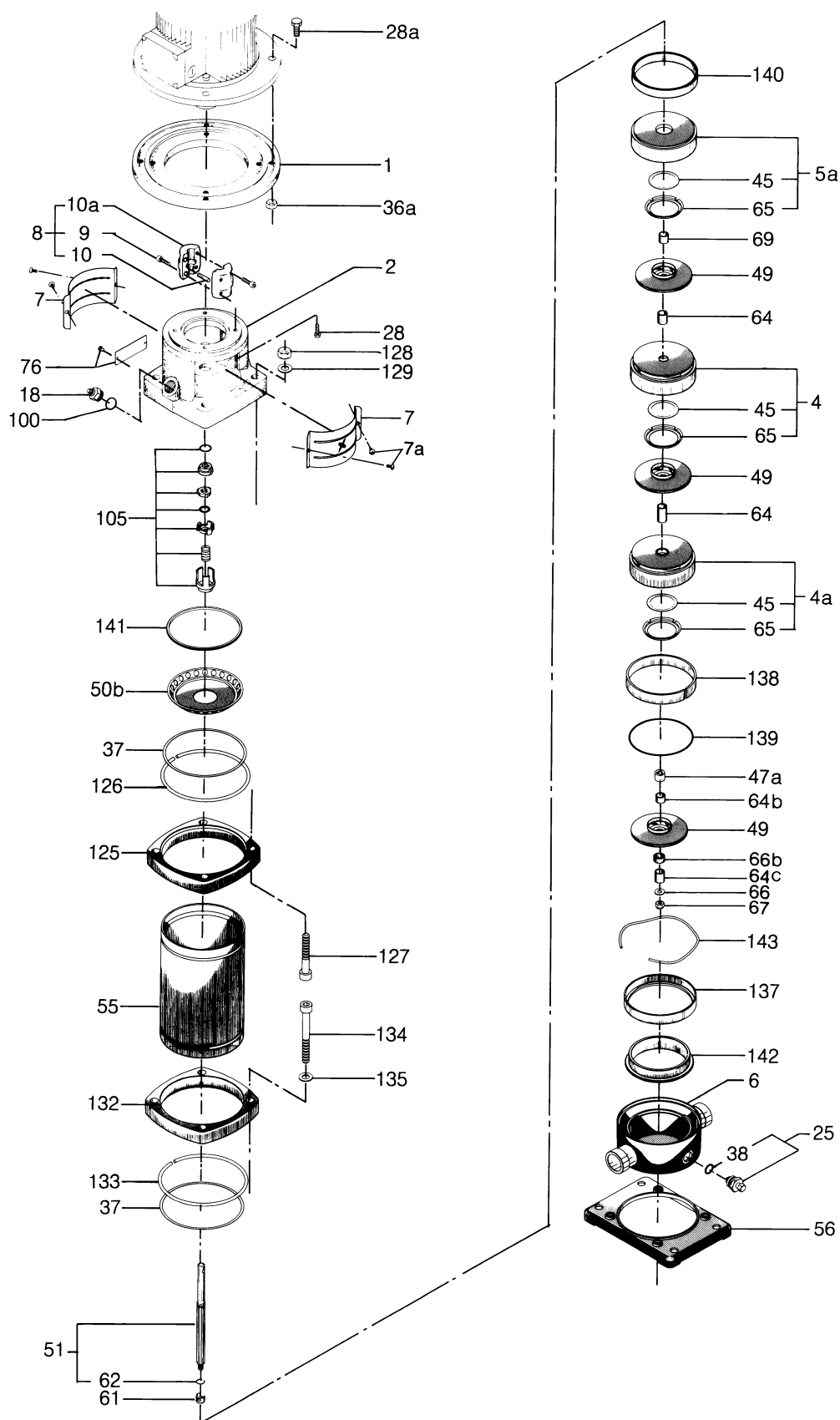
Shaft seal

Pos.	Kit No	405145	405146
	Description	AUUE/V	AUUE/V
37	Vulcanised sleeve gasket		2
105	Shaft seal	1	1

Wear parts

Pos.	Kit No	416095	416096
	Number of stages	15	21
Description			
4a	Bearing chamber	3	4
37	Vulcanised sleeve gasket	2	2
38	Drain plug gasket ★	1	1
45	Neck ring	12	17
47a	Bearing ring	3	4
61	Spacer for shaft seal	1	1
65	Neck ring retainer	12	17
64c	Spacer	1	1
66	Spring washer	1	1
66b	Spacing pipe	1	1
67	Lock nut	1	1
100	O-ring ★	1	1

CRN 4 SF



CRN 5 SF

Chamber stack complete

Pos.	SiC/SiC bearings	Kit No
80	24	EPDM 96524994
		FKM 96524995
	34	EPDM 96524996
		FKM 96524997

Coupling complete

Pos.	Kit No	415065	96478700
	Motor/pump shaft diameter	38/12	34.9/12
	Description		NEMA
9	Screw	4	4
10	Pin	1	1
10a	Coupling half	2	2

Coupling guard

Pos.	Kit No	96505131	96505132
	Description	MG 90 - 132	NEMA F 182/213 TC
7	Coupling guard	2	2
7a	Screw	4	4

O-ring

Pos.	Kit No	96455090	96455091
	Description	EPDM	FKM
37	O-ring	2	2
38	O-ring	1	1
100	O-ring	2	2
109	O-ring	1	1

Plug

Pos.	Kit No	96505133	96511103
	Description	EPDM/FKM	EPDM/FKM/NEMA
18	Air vent screw	1	1
23a	Pipe plug	1	1
23b	Pipe plug	1	1
25	Drain plug with bypass valve	1	1
38	O-ring	EPDM	1
		FKM	1
100	O-ring	EPDM	2
		FKM	2

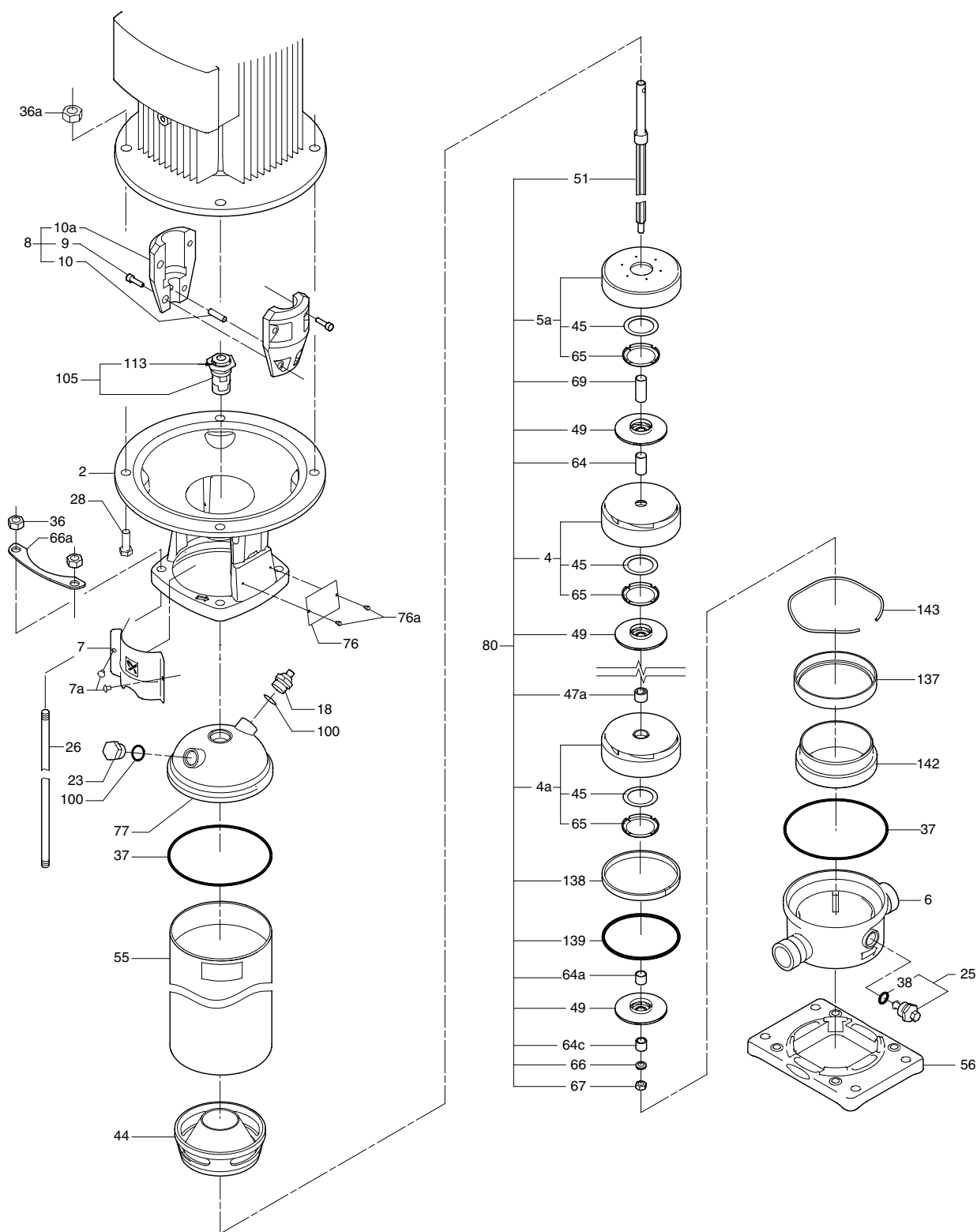
Shaft seal

Pos.	Kit No	96455086	96455087
	Description	HQQE	HQQV
105	Shaft seal	1	1

Wear parts (silicon carbide bearings)

Pos.	Kit No	96524998	96524999
	Description/stages	-24	-34
4a	Chamber with bearing	5	6
45	Neck ring	24	34
47a	Bearing ring, rotating	5	6
64a	Spacing pipe	5	6
64c	Clamp splined	1	1
65	Neck ring retainer	24	34
66	Lock washer	1	1
67	Lock nut	1	1

CRN 5 SF



TM02 7823 4103

CRN 8 SF

50/60 Hz, model B

Chamber stack complete

Consists of items: 3, 4, 4a, 4b, 67, 66, 64c, 49, 44, 69, 64d, 47a, 64a, 64, 61, 51, 140		Kit No
Number of stages		
14 (13 impellers)		425606
20 (19 impellers)		425607

Coupling complete

	Kit No	339138	339142
Pos.	Motor/pump shaft diameter [mm]	38/16	42/16
	Description		
10a	Coupling half	2	2
9	Screw	4	4
10	Pin	1	1

Coupling complete, NEMA

	Kit No	425262	425263
Pos.	Motor/pump shaft diameter [mm]	34.9/16	41.3/16
	Description		
10a	Coupling half	2	2
9	Screw	4	4
10	Pin	1	1

Shaft seal

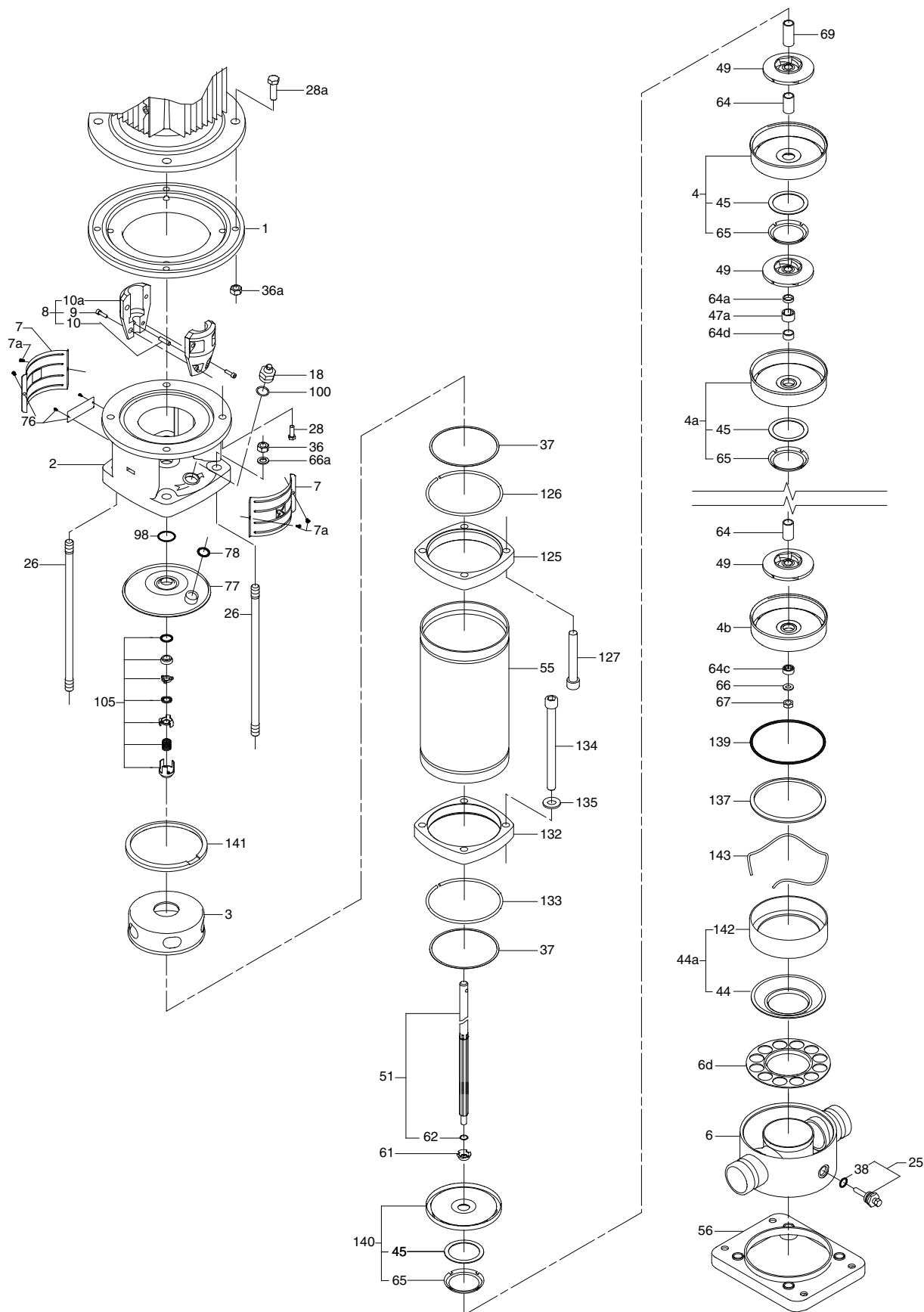
Pos.	Description	AUUE/V	AUUE/V
	Kit No	425084	425085
37	Vulcanised sleeve gasket	-	2
105	Shaft seal	1	1

Wear parts

	Number of stages	13	19
Pos.	Kit No	425086	425087
	Description		
4a	Bearing chamber	1	2
4b	Bearing chamber	1	1
37	Vulcanised sleeve gasket	2	2
38	Drain plug gasket ★	1	1
45	Neck ring	11	16
47a	Bearing ring	2	3
61	Spacer for shaft seal	1	1
62	Stop ring	1	1
64c	Spacer	1	1
65	Neck ring retainer	11	16
66	Spring washer	1	1
67	Lock nut	1	1
78	O-ring	1	1
98	O-ring	1	1
100	O-ring for air vent screw ★	1	1

★ EPDM and FKM

CRN 8 SF



TM00 2980 0502

CRN 10 SF

Chamber stack complete (silicon carbide bearings)

Pos.	Number of stages		Kit No
80	17	EPDM	96524471
		FKM	96525098
	21	EPDM	96524472
		FKM	96525099

Coupling complete

Pos.	Motor/pump shaft diameter [mm]	38/16	42/16
	Description/ Kit No	96511351	96511352
9	Screw	4	4
8	10 Pin	1	1
	10a Coupling half	2	2

Coupling complete, NEMA

Pos.	Motor/pump shaft diameter [mm]	41.3/16
	Description/ Kit No	96511356
9	Screw	4
8	10 Pin	1
	10a Coupling half	2

Coupling guard

Pos.	Description	MG 132 182TC - 215TC	MG 160 254TC - 284TSC
		Kit No 96509613	Kit No 96509614
7	Coupling guard	2	2
7a	Screw	4	4

O-ring, standard

Pos.	Description/ Kit No	EPDM	FKM
		96524520	96524521
37	O-ring	2	2
38	O-ring	1	1
38a	O-ring	1	1
46a	O-ring	1	1
46b	O-ring	1	1
100	O-ring	2	2

O-ring, double seal

Pos.	Description/ Kit No	EPDM	FKM
		96757608	96757611
37	O-ring	3	3
38	O-ring	-	-
38a	O-ring	1	1
46a	O-ring	1	1
46b	O-ring	1	1
100	O-ring	7	7

Plug

Pos.	Description/ Kit No	96511312
18	Air vent screw	1
23	Pipe plug	1
25	Drain plug	1
38	O-ring, EPDM + FKM	1 + 1
38a	O-ring, EPDM + FKM	1 + 1

Plug, NEMA

Pos.	Description/ Kit No	96511314
18	Air vent screw	1
23	Pipe plug	1
23a	Pipe plug 1/4"	1
25	Drain plug	1
38	O-ring, EPDM + FKM	1 + 1
38a	O-ring, EPDM + FKM	1 + 1

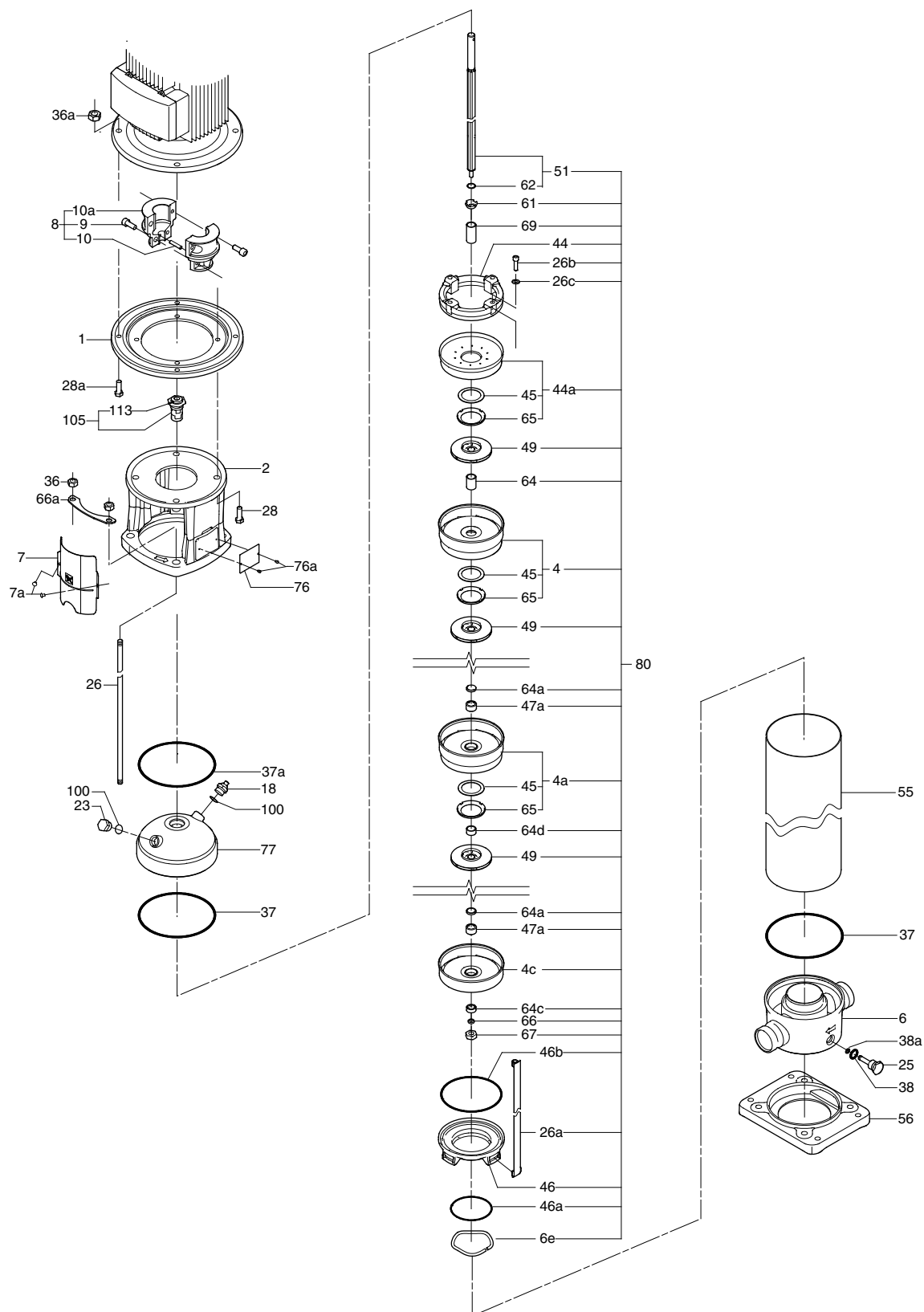
Shaft seal

Pos.	Description Kit No	HQQE 96511844	HQQV 96511845
105	Shaft seal	1	1
-	Adjusting fork	1	1

Wear parts (silicon carbide bearings)

Pos.	Stages Description/ Kit No	-16 96524409	-21 96524470
4a	Chamber with bearing	2	2
4c	Chamber lower with bearing	1	1
26b	Screw	4	4
26c	Washer	4	4
45	Neck ring	15	19
47a	Bearing ring, rotating	3	3
49c	Impeller wear ring	-	-
61	Seal driver	1	1
62	Stop ring	1	1
64a	Spacing pipe	3	3
64c	Spacer lower	1	1
64d	Spacing pipe	2	2
65	Neck ring retainer	15	19
66	Lock washer	1	1
67	Lock nut	1	1

CRN 10 SF



TM02 7791 4003

CRN 15, 20 SF

Chamber stack complete (silicon carbide bearings), CRN 15 SF

Pos.	Number of stages		Kit No
80	11	EPDM	96524990
		FKM	96525360
	16	EPDM	96524991
		FKM	96525361

Chamber stack complete (silicon carbide bearings), CRN 20 SF

Pos.	Number of stages		Kit No
80	9	EPDM	96524992
		FKM	96525365
	16	EPDM	96524993
		FKM	96525366

Coupling guard

Pos.	Description	MG 132	MG 160
		182TC - 215TC	254TC - 284TSC
	Kit No	96509613	96509614
7	Coupling guard	2	2
7a	Screw	4	4

Coupling complete

Pos.	Motor/pump shaft diameter [mm]	38/16	42/16
	Description/ Kit No	96511351	96511352
9	Screw	4	4
8	10 Pin	1	1
10a	Coupling half	2	2

Coupling complete, NEMA

Pos.	Motor/pump shaft diameter [mm]	41.3/16
	Description/ Kit No	96511356
9	Screw	4
8	10 Pin	1
10a	Coupling half	2

O-ring, standard

Pos.	Description/ Kit No	EPDM	FKM
		96524520	96524521
37	O-ring	2	2
38	O-ring	1	1
38a	O-ring	1	1
46a	O-ring	1	1
46b	O-ring	1	1
100	O-ring	2	2

O-ring, double seal

Pos.	Description/ Kit No	EPDM	FKM
		96757608	96757611
37	O-ring	3	3
38	O-ring	-	-
38a	O-ring	1	1
46a	O-ring	1	1
46b	O-ring	1	1
100	O-ring	7	7

Plug

Pos.	Description/ Kit No	96511312
18	Air vent screw	1
23	Pipe plug	1
25	Drain plug	1
38	O-ring, EPDM + FKM	1 + 1
38a	O-ring, EPDM + FKM	1 + 1

Plug, NEMA

Pos.	Description/ Kit No	96511314
18	Air vent screw	1
23	Pipe plug	1
23a	Pipe plug 1/4"	1
25	Drain plug	1
38	O-ring, EPDM + FKM	1 + 1
38a	O-ring, EPDM + FKM	1 + 1

Shaft seal

Pos.	Description	HQQE	HQQV
		96511844	96511845
105	Shaft seal	1	1
-	Adjusting fork	1	1

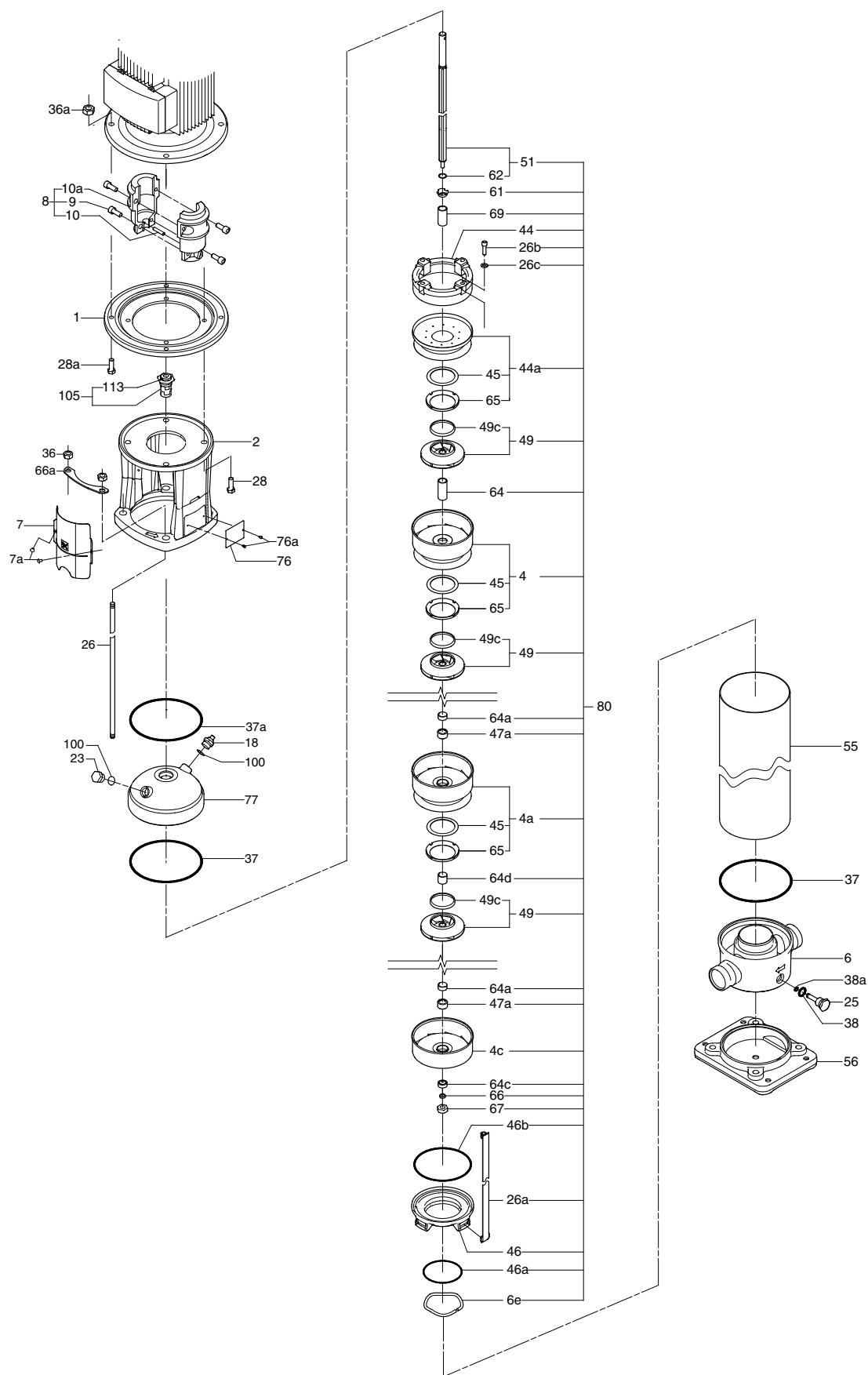
Wear parts (silicon carbide bearings), CRN 15 SF

Pos.	Stages	-11	-16
	Description/ Kit No	96524898	96524899
4a	Chamber with bearing	1	2
4c	Chamber lower with bearing	1	1
26b	Screw	4	4
26c	Washer	4	4
45	Neck ring	10	14
47a	Bearing ring, rotating	2	3
49c	Impeller wear ring	11	16
61	Seal driver	1	1
62	Stop ring	1	1
64a	Spacing pipe	2	3
64c	Spacer lower	1	2
64d	Spacing pipe	1	2
65	Neck ring retainer	10	14
66	Lock washer	1	1
67	Lock nut	1	1

Wear parts (silicon carbide bearings), CRN 20 SF

Pos.	Stages	-9	-16
	Description/ Kit No	96524897	96524899
4a	Chamber with bearing	1	2
4c	Chamber lower with bearing	1	1
26b	Screw	4	4
26c	Washer	4	4
45	Neck ring	8	15
47a	Bearing ring, rotating	2	3
49c	Impeller wear ring	9	16
61	Seal driver	1	1
62	Stop ring	1	1
64a	Spacing pipe	3	3
64c	Spacer lower	1	2
64d	Spacing pipe	1	2
65	Neck ring retainer	8	15
66	Lock washer	1	1
67	Lock nut	1	1

CRN 15, 20 SF



TM02 7792 4003

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GRUNDFOS

CRN 16 SF**50/60 Hz, model B****Chamber stack complete**

Consists of items: 4, 4a, 4b, 47a, 49, 51, 61, 64, 64a, 64c, 64d, 66, 67, 69, 69a, 140	
Kit No	
Number of stages	
10 (9 impellers)	335127
16 (15 impellers)	335266

Coupling complete

Pos.	NEMA	
	Kit No	339142 425263
	Motor/pump shaft diameter [mm]	42/16 41.3/16
	Description	
10a	Coupling half	2 2
9	Screw	4 4
10	Pin	1 1

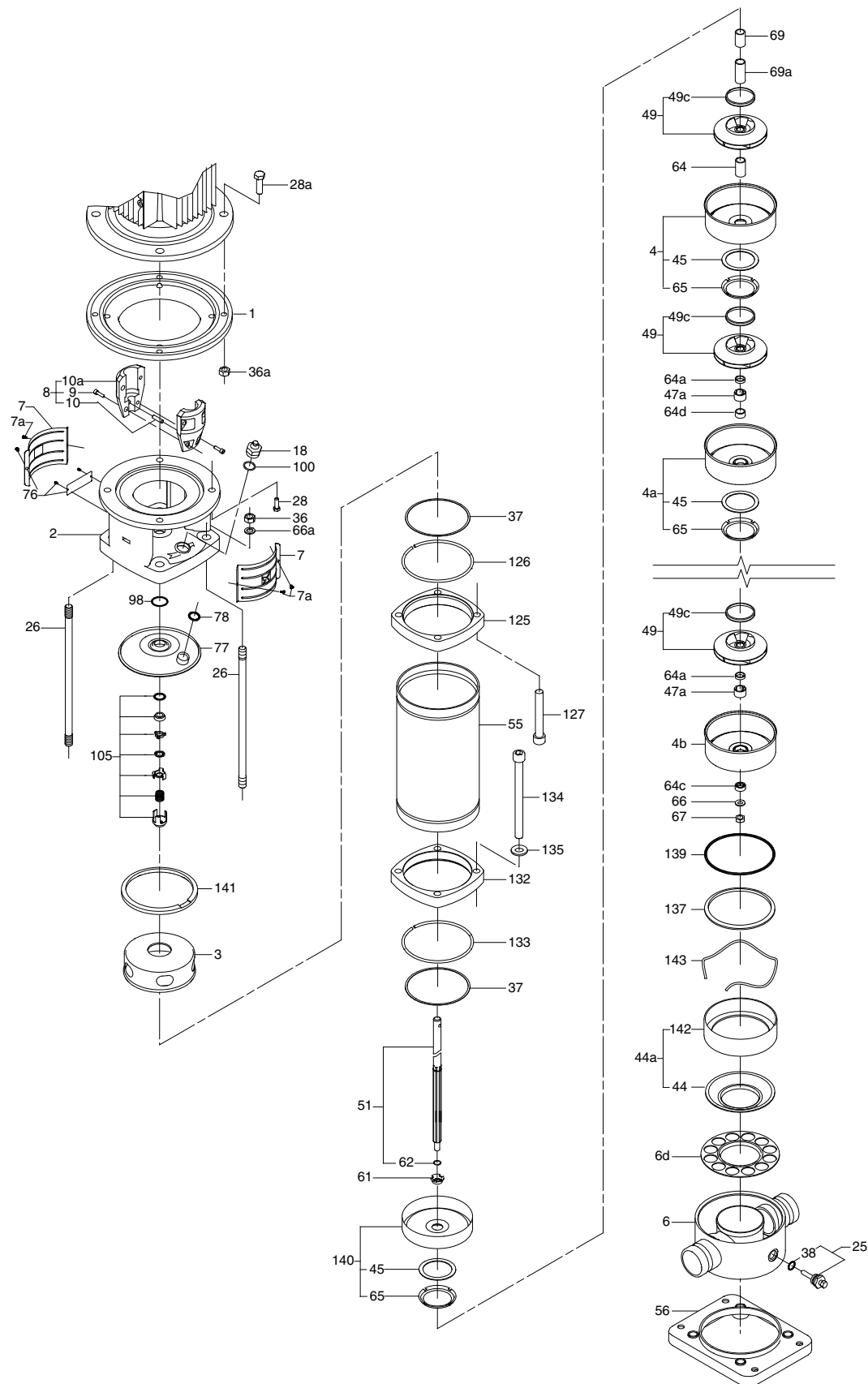
Shaft seal

Pos.	425084 425085	
	Kit No	425084 425085
	Description	AUUE/V AUUE/V
37	Vulcanised sleeve gasket	- 2
105	Shaft seal	1 1

Wear parts

Pos.	335088 335089	
	Kit No	335088 335089
	Number of stages	10 16
	Description	9 impellers 15 impellers
4a	Bearing chamber	1 2
4b	Bearing chamber	1 1
37	Sleeve gasket	2 2
38	Drain plug gasket ★	1 1
45	Neck ring	7 12
47a	Bearing ring	2 3
49c	Impeller wear ring	9 15
61	Spacer for shaft seal	1 1
62	Stop ring	1 1
64c	Spacer	1 1
65	Neck ring retainer	7 12
66	Spring washer	1 1
67	Lock nut	1 1
78	O-ring	1 1
98	O-ring	1 1
100	O-ring for air vent screw ★	1 1

★ EPDM and FKM

CRN 16 SF

CRN 16 SF CR SF

TM00 2981 0502

CR, CRN 90 SF**50/60 Hz, model B****Impeller 1. stage**

Type	Standard	Reduced
Standard	98593752	98593755
Teflon	98593759	98593761
Electro pol.	98593764	98593769

Content

Pos.	Description	Quantity
	Impeller	1
	Suction interconnector	1
	Nut for hub with spring	1

CRN 90 SF

