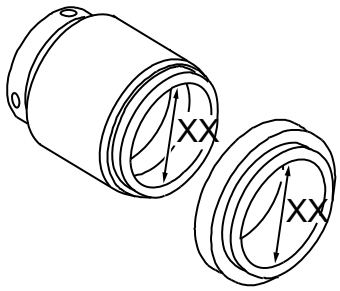
61. NKG

Model B

50/60 Hz

Contents of this chapter

Kit type
Shaft seal
Spacer ring for shaft seal
O-ring
Stuffing box, shaft sleeve and gland
Stuffing box, shaft guard and pipe
Shaft
Bearings, spacer ring, V-ring and oil seal
Wear ring
Impeller
Nut, washer and key for impeller
Coupling



Shaft seal					
MG1	MG12	MG13/RMG13	M7N	HJ92N/HJ977	CARTEX
					

Shaft seal designs

Content

Pos.	Description	BAQE	BAQV	BQQE	BQQV	BBQE	BBQV	DAQF
105	Shaft seal	1	1	1	1	1	1	1
Burgmann specification	Type	MG1/MG13/ XX-G6	MG1/MG13/ XX-G6	MG1/MG12/MG13/ XX-G6	MG1/MG12/MG13/ XX-G6	MG13/ XX-G6	MG13/ XX-G6	HJ92N/ XX-00
	Material	Material code: **A, B, C, D, E, F, G, H, I, J, K, M, N, P, S, T, U, W**						
		AQ1E GG	AQ1V GG	Q7Q7E GG	Q7Q7V GG	BQ1E GG	BQ1V GG	AQ1V9 GG
		Material code: **L, R**						
		AQ1E MM	AQ1V MM	Q1Q1E MM	Q1Q1V MM	BQ1E MM	BQ1V MM	AQ1V9 MM

Pos.	Description	DQQE	DQQV	DQQX	DQQK	AQQE	AQQX	AQQK	AQQV	AQAE	AQAV
105	Shaft seal	1	1	1	1	1	1	1	1	1	1
Burgmann specification	Type	HJ92N/ XX-00	HJ92N/ XX-00	HJ92N/ XX-00	HJ92N/ XX-00	M7N/ XX-00	M7N/ XX-00	M7N/ XX-00	M7N/ XX-00	M7N/ XX-00	M7N/ XX-00
	Material	Material code: **A, B, C, D, E, F, G, H, I, J, K, M, N, P, S, T, U, W**									
		Q6Q6E GG	Q6Q6V GG	Q6Q6X4 GG	Q6Q6K23 GG	Q1Q1E GG	Q1Q1X4 GG	Q1Q1K23 GG	Q1Q1V GG	Q1AE GG	Q1AV GG
		Material code: **L, R**									
		Q6Q6E MM	Q6Q6V MM	Q6Q6X4MM	Q6Q6K23M M	Q1Q1E MM	Q1Q1X4MM	Q1Q1K23 MM	Q1Q1V MM	Q1AE MM	Q1AV MM

Pos.	Description		HBQV	HBQV/HBQV	HQQU/HBQV
105	Shaft seal		1	1	1
Burgmann specification	Type		CARTEX-SN/48-	CARTEX-DN/48-	CARTEX-DN/48-
	Material	Material code: **A, B, C, D, E, F, G, H, I, J, K, M, N, P, S, T, U, W**			
			BQ1V GG	BQ1V GG/BQ1V GG	Q1Q1U GG/BQ1V GG
		Material code: **L, R**			
			-	-	-

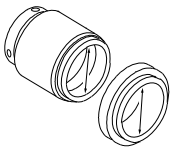
Note: XX = 28, 38, 48, 55 or 60. XX is the internal diameter of the shaft seal.

Shaft seal

Material code: A, B, C, D, E, F, G, H, I, J, K, M, N, P, S, T, U, W

The material code can be found in the type designation on the nameplate.

NKG	125-100-160 /160-142	H2	F3	NKE	O	2926



Shaft seal diameter

Pump type		Shaft seal dia.	BAQE		BAQV		BQQE			BQQV			BQQV [1]
			MG1	MG13	MG1	MG13	MG1	MG12	MG13	MG1	MG12	MG13	MG13
50-32-	125.1	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	160.1	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	200.1	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	125	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	160	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	200	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	250	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
65-50-	125	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	160	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
65-40-	200	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	250	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	315	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
80-65-	125	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	160	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
80-50-	200	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	250	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	315	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
100-80-	125	28	97904582	99469500	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	160	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
100-65-	200	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	315	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
125-80-	160	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	200	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	315	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	400.1	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	400	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	400 [2]	55	-	99469499	-	96658801	-	-	98434943	-	-	98434944	98670802
125-100-	160	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	200	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	315	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	400	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
150-125-	200	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	315	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	400	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	500	60	97685550	99469513	97685554	96658815	97685530	97685567	98434945	97685545	97685572	98434947	98670803

Pump type		Shaft seal dia.	BAQE		BAQV		BQQE			BQQV			BQQV [1]
			MG1	MG13	MG1	MG13	MG1	MG12	MG13	MG1	MG12	MG13	MG13
200-150-	200	38	97904617	99469502	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250	48	97685469	99469498	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	315.1	55	97685548	99469499	97685552	96658801	97685528	97685565	98434943	97685542	97685570	98434944	98670802
	315.2	55	97685548	99469499	97685552	96658801	97685528	97685565	98434943	97685542	97685570	98434944	98670802
	315	55	97685548	99469499	97685552	96658801	97685528	97685565	98434943	97685542	97685570	98434944	98670802
	400	55	97685548	99469499	97685552	96658801	97685528	97685565	98434943	97685542	97685570	98434944	98670802
	500	60	97685550	99469513	97685554	96658815	97685530	97685567	98434945	97685545	97685572	98434947	98670803
250-200-	400	55	-	99469499	-	96658801	-	-	98434943	-	-	98434944	98670802
	450	55	-	99469499	-	96658801	-	-	98434943	-	-	98434944	98670802
300-250-	350	55	-	99469499	-	96658801	-	-	98434943	-	-	98434944	98670802
	400	55	-	99469499	-	96658801	-	-	98434943	-	-	98434944	98670802
	450	60	-	99469513	-	96658815	-	-	98434945	-	-	98434947	98670803
	500	60	-	99469513	-	96658815	-	-	98434945	-	-	98434947	98670803

1) PWIS-free shaft seal.

2) For 2-pole model only.

Pump type		Shaft seal dia.	BBQE			BBQV			BQBE
			MG1	MG12	MG13	MG1	MG12	MG13	RMG13
50-32-	125.1	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	160.1	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	200.1	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	125	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	160	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	200	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	250	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
65-50-	125	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	160	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
65-40-	200	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	250	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	315	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
80-65-	125	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	160	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
80-50-	200	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	250	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	315	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
100-80-	125	28	97904587	97904592	96551963	97904588	97904593	97769885	96548351
	160	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
100-65-	200	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	250	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	315	48	97685480	97685490	96658794	97685481	97685492	97769889	-
125-80-	160	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	200	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	250	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	315	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	400.1	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	400	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	400 [3]	55	-	-	96658804	-	-	97769891	-
125-100-	160	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	200	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	250	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	315	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	400	48	97685480	97685490	96658794	97685481	97685492	97769889	-

Pump type		Shaft seal dia.	BBQE			BBQV			BQBE
			MG1	MG12	MG13	MG1	MG12	MG13	RMG13
150-125-	200	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	250	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	315	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	400	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	500	60	97685520	97685558	96658818	97685524	97685563	97769893	-
200-150-	200	38	97904621	97904625	96551928	97904622	97904626	97769887	96548356
	250	48	97685480	97685490	96658794	97685481	97685492	97769889	-
	315.1	55	97685525	97685556	96658804	97685522	97685560	97769891	-
	315.2	55	97685525	97685556	96658804	97685522	97685560	97769891	-
	315	55	97685525	97685556	96658804	97685522	97685560	97769891	-
	400	55	97685525	97685556	96658804	97685522	97685560	97769891	-
	500	60	97685520	97685558	96658818	97685524	97685563	97769893	-
250-200-	400	55	-	-	96658804	-	-	97769891	-
	450	55	-	-	96658804	-	-	97769891	-
300-250-	350	55	-	-	96658804	-	-	97769891	-
	400	55	-	-	96658804	-	-	97769891	-
	450	60	-	-	96658818	-	-	97769893	-
	500	60	-	-	96658818	-	-	97769893	-

3) For 2-pole model only.

Pump type		Shaft seal dia.	DAQF	DQQE	DQQK	DQQV	DQQX	AQQE	AQQK
			HJ92N	HJ977GN	HJ977GN	HJ977GN	HJ977GN	M7N	M7N
50-32-	125.1	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	160.1	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	200.1	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	125	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	160	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	200	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	250	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
65-50-	125	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	160	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
65-40-	200	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	250	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	315	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
80-65-	125	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	160	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
80-50-	200	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	250	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	315	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
100-80-	125	28	96548355	97769895	97769911	97769899	97769907	96551965	97769915
	160	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
100-65-	200	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	250	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	315	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
125-80-	160	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	200	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	250	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	315	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	400.1	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	400	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	400 4)	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588

Pump type		Shaft seal dia.	DAQF	DQQE	DQQK	DQQV	DQQX	AQQE	AQQK
			HJ92N	HJ977GN	HJ977GN	HJ977GN	HJ977GN	M7N	M7N
125-100-	160	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	200	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	250	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	315	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	400	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
150-125-	200	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	250	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	315	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	400	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	500	60	96658820	97685598	97685610	97685602	97685606	96658823	97685590
200-150-	200	38	96548359	97769897	97769913	97769901	97769909	96551960	97769917
	250	48	96658796	97685509	97685516	97685511	97685514	96658799	97685504
	315.1	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	315.2	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	315	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	400	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	500	60	96658820	97685598	97685610	97685602	97685606	96658823	97685590
250-200-	400	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	450	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
300-250-	350	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	400	55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	450	60	96658820	97685598	97685610	97685602	97685606	96658823	97685590
	500	60	96658820	97685598	97685610	97685602	97685606	96658823	97685590

4) For 2-pole model only.

Pump type		Shaft seal dia.	AQQV	AQQX	AQAE	AQAV	HBQV	HBQV/HBQV	HQQU/HBQV
			M7N	M7N	M7N	M7N	CARTEX-SN	CARTEX-DN	CARTEX-DN
50-32-	125.1	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	160.1	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	200.1	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	125	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	160	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	200	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	250	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
65-50-	125	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	160	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
65-40-	200	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	250	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	315	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
80-65-	125	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	160	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
80-50-	200	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	250	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	315	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
100-80-	125	28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	160	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
100-65-	200	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	250	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	315	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463

Pump type		Shaft seal dia.	AQQV	AQQX	AQAE	AQAV	HBQV	HBQV/HBQV	HQQU/HBQV
			M7N	M7N	M7N	M7N	CARTEX-SN	CARTEX-DN	CARTEX-DN
125-80-	160	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	200	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	250	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	315	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	400.1	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	400	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	400 [5)]	55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
125-100-	160	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	200	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	250	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	315	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	400	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
150-125-	200	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	250	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	315	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	400	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	500	60	96658824	97685586	96658821	96658822	97685461	97685466	97685467
200-150-	200	38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	250	48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	315.1	55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
	315.2	55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
	315	55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
	400	55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
	500	60	96658824	97685586	96658821	96658822	97685461	97685466	97685467
250-200-	400	55	96658811	97685584	96658808	96658809	-	-	-
	450	55	96658811	97685584	96658808	96658809	-	-	-
300-250-	350	55	96658811	97685584	96658808	96658809	-	-	-
	400	55	96658811	97685584	96658808	96658809	-	-	-
	450	60	96658824	97685586	96658821	96658822	-	-	-
	500	60	96658824	97685586	96658821	96658822	-	-	-

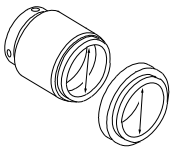
5) For 2-pole model only.

Shaft seal

Material code: L, R

The material code can be found in the type designation on the nameplate.

NKG	125-100-160 /160-142	H2	F	3	L	KE	O	2926



Shaft seal diameter

Pump type		Shaft seal dia.	BQQE			BQQV			BQQV [1]
			MG1	MG12	MG13	MG1	MG12	MG13	MG13
50-32-	125.1	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	160.1	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	200.1	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	125	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	160	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	200	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	250	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
65-50-	125	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	160	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
65-40-	200	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	250	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	315	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
80-65-	125	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	160	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
80-50-	200	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	250	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	315	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
100-80-	125	28	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	160	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
100-65-	200	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	250	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	315	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
125-80-	160	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	200	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	250	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	315	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	400.1	48	-	-	96658858	-	-	96658861	98670806
	400	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	400 [2]	55	97685529	97685566	97769927	97685544	97685571	97769929	98670807
125-100-	160	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	200	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	250	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	315	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	400	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
150-125-	200	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	250	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	315	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	400	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	500	60	97685541	97685569	97769928	97685546	97685573	97769930	98670808

Pump type		Shaft seal dia.	BQQE			BQQV			BQQV[1]
			MG1	MG12	MG13	MG1	MG12	MG13	MG13
200-150-	200	38	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	250	48	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	315.1	55	97685529	97685566	97769927	97685544	97685571	97769929	98670807
	315.2	55	97685529	97685566	97769927	97685544	97685571	97769929	98670807
	315	55	97685529	97685566	97769927	97685544	97685571	97769929	98670807
	400	55	97685529	97685566	97769927	97685544	97685571	97769929	98670807
	500	60	97685541	97685569	97769928	97685546	97685573	97769930	98670808
250-200-	400	55	-	-	-	-	-	-	-
	450	55	-	-	-	-	-	-	-
300-250-	350	55	-	-	-	-	-	-	-
	400	55	-	-	-	-	-	-	-
	450	60	-	-	-	-	-	-	-
	500	60	-	-	-	-	-	-	-

1) For 2-pole model only.

2) PWIS-free shaft seal.

Pump type		Shaft seal dia.	BBQE			BBQV			BQBE	GQQE	GQQV	DAQF
			MG1	MG12	MG13	MG1	MG12	MG13	RMG13	MG13S	MG13S	HJ92N
50-32-	125.1	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	160.1	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	200.1	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	125	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	160	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	200	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	250	38	97904638	97904642	96658850	97904639	97904643	97769888	96658830	-	-	96658852
65-50-	125	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	160	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
65-40-	200	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	250	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	315	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
80-65-	125	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	160	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
80-50-	200	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	250	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	315	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
100-80-	125	28	97904605	97904610	96658829	97904606	97904611	97769886	96658830	-	-	96658831
	160	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
100-65-	200	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	250	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	315	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
125-80-	160	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	200	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	250	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	315	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
	400.1	48	-	-	96658862	-	-	97769890	-	-	-	96658863
	400	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
	400[3]	55	97685519	97685557	97769931	97685523	97685562	97769892	-	-	-	97536552
125-100-	160	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	200	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	250	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
	315	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
	400	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863

Pump type		Shaft seal dia.	BBQE			BBQV			BQBE	GQQE	GQQV	DAQF
			MG1	MG12	MG13	MG1	MG12	MG13	RMG13	MG13S	MG13S	HJ92N
150-125-	200	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	250	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
	315	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
	400	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
	500	60	97685521	97685559	97769932	97685527	97685564	97769894	-	-	-	97536595
200-150-	200	38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
	250	48	97685482	97685493	96658862	97685484	97685494	97769890	-	-	-	96658863
	315.1	55	97685519	97685557	97769931	97685523	97685562	97769892	-	-	-	97536552
	315.2	55	97685519	97685557	97769931	97685523	97685562	97769892	-	-	-	97536552
	315	55	97685519	97685557	97769931	97685523	97685562	97769892	-	-	-	97536552
	400	55	97685519	97685557	97769931	97685523	97685562	97769892	-	-	-	97536552
	500	60	97685521	97685559	97769932	97685527	97685564	97769894	-	-	-	97536595
250-200-	400	55	-	-	-	-	-	-	-	-	-	-
	450	55	-	-	-	-	-	-	-	-	-	-
300-250-	350	55	-	-	-	-	-	-	-	-	-	-
	400	55	-	-	-	-	-	-	-	-	-	-
	450	60	-	-	-	-	-	-	-	-	-	-
	500	60	-	-	-	-	-	-	-	-	-	-

3) For 2-pole model only.

Pump type		Shaft seal dia.	DQQE	DQQK	DQQV	DQQX	AQQE	AQQK	AQQV	AQQX	AQAE	AQAV
			HJ977GN	HJ977GN	HJ977GN	HJ977GN	M7N	M7N	M7N	M7N	M7N	M7N
50-32-	125.1	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	160.1	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	200.1	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	125	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	160	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	200	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	250	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
65-50-	125	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	160	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
65-40-	200	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	250	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
	315	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
80-65-	125	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	160	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
80-50-	200	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	250	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
	315	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
100-80-	125	28	97769896	97769912	97769900	97769908	96658834	97769916	96658835	97769904	96658832	96658833
	160	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
100-65-	200	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
	250	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
	315	48	97685510	97685518	97685513	97685515	96658866	97685505	96658867	97685502	96658864	96658865
125-80-	160	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
	200	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
	250	38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
	315	48	97685510	97685518	97685513	97685515	96658866	97685505	96658867	97685502	96658864	96658865
	400.1	48	97685510	97685518	97685513	97685515	96658866	97685505	96658867	97685502	96658864	96658865
	400	48	97685510	97685518	97685513	97685515	96658866	97685505	96658867	97685502	96658864	96658865
	400 4)	55	97685597	97685609	97685601	97685605	97536543	97685589	97536544	97685585	97769923	97769925

Pump type		Shaft seal dia.	DQQE	DQQK	DQQV	DQQX	AQQE	AQQK	AQQV	AQQX	AQAE	AQAV
			HJ977GN	HJ977GN	HJ977GN	HJ977GN	M7N	M7N	M7N	M7N	M7N	M7N
125-100-	160	38	*97769898*	*97769914*	*97769902*	*97769910*	*96658855*	*97769918*	*96658856*	*97769906*	*96658853*	*96658854*
	200	38	*97769898*	*97769914*	*97769902*	*97769910*	*96658855*	*97769918*	*96658856*	*97769906*	*96658853*	*96658854*
	250	48	*97685510*	*97685518*	*97685513*	*97685515*	*96658866*	*97685505*	*96658867*	*97685502*	*96658864*	*96658865*
	315	48	*97685510*	*97685518*	*97685513*	*97685515*	*96658866*	*97685505*	*96658867*	*97685502*	*96658864*	*96658865*
	400	48	*97685510*	*97685518*	*97685513*	*97685515*	*96658866*	*97685505*	*96658867*	*97685502*	*96658864*	*96658865*
150-125-	200	38	*97769898*	*97769914*	*97769902*	*97769910*	*96658855*	*97769918*	*96658856*	*97769906*	*96658853*	*96658854*
	250	48	*97685510*	*97685518*	*97685513*	*97685515*	*96658866*	*97685505*	*96658867*	*97685502*	*96658864*	*96658865*
	315	48	*97685510*	*97685518*	*97685513*	*97685515*	*96658866*	*97685505*	*96658867*	*97685502*	*96658864*	*96658865*
	400	48	*97685510*	*97685518*	*97685513*	*97685515*	*96658866*	*97685505*	*96658867*	*97685502*	*96658864*	*96658865*
	500	60	*97685599*	*97685611*	*97685603*	*97685607*	*97536585*	*97685591*	*97536586*	*97685587*	*97769924*	*97769926*
200-150-	200	38	*97769898*	*97769914*	*97769902*	*97769910*	*96658855*	*97769918*	*96658856*	*97769906*	*96658853*	*96658854*
	250	48	*97685510*	*97685518*	*97685513*	*97685515*	*96658866*	*97685505*	*96658867*	*97685502*	*96658864*	*96658865*
	315.1	55	*97685597*	*97685609*	*97685601*	*97685605*	*97536543*	*97685589*	*97536544*	*97685585*	*97769923*	*97769925*
	315.2	55	*97685597*	*97685609*	*97685601*	*97685605*	*97536543*	*97685589*	*97536544*	*97685585*	*97769923*	*97769925*
	315	55	*97685597*	*97685609*	*97685601*	*97685605*	*97536543*	*97685589*	*97536544*	*97685585*	*97769923*	*97769925*
	400	55	*97685597*	*97685609*	*97685601*	*97685605*	*97536543*	*97685589*	*97536544*	*97685585*	*97769923*	*97769925*
	500	60	*97685599*	*97685611*	*97685603*	*97685607*	*97536585*	*97685591*	*97536586*	*97685587*	*97769924*	*97769926*
250-200-	400	55	-	-	-	-	-	-	-	-	-	-
	450	55	-	-	-	-	-	-	-	-	-	-
300-250-	350	55	-	-	-	-	-	-	-	-	-	-
	400	55	-	-	-	-	-	-	-	-	-	-
	450	60	-	-	-	-	-	-	-	-	-	-
	500	60	-	-	-	-	-	-	-	-	-	-

4) For 2-pole model only.

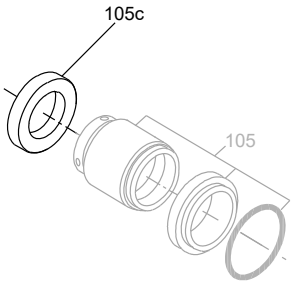
Spacer ring for shaft seal

Shaft seal arrangement, "S"

NKG 50-32 -125 .1 A1 F 2 N V (S) BAQV

(pos. 105b and 105c)

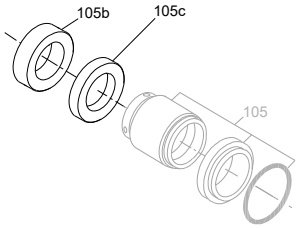
28, 48, 55 and 60 mm



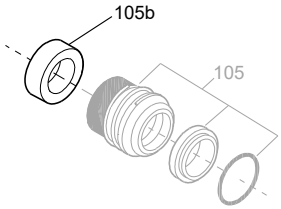
HJ92N, M7N, HJ977GN

38 mm

Design 1

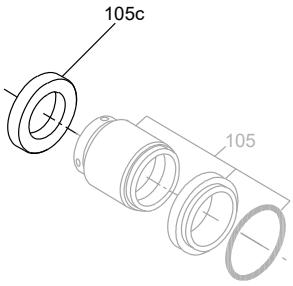


HJ92N, M7N, HJ977GN



MG13, RMG13

Design 2



HJ92N, M7N, HJ977GN

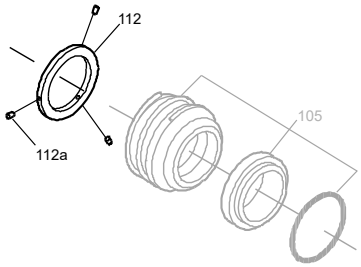
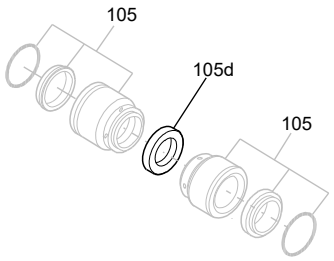
Pos.	Shaft seal diameter [mm]	Description	Length [mm]	Material code	
				A, B, C, D, E, F G, H, K, M, N, P, S	I, J, L, R, T, U, W
105b	38	Spacer ring	15.5	*96591277*	*96938601*
105c	28		7.5	*96938597*	*96938598*
	38		10	*96938599*	*96938600*
	48		15	*96938602*	*96938603*
	55		22.5	*96938604*	*96938605*
	60		17.5	*96938606*	*96938607*
105b and 1050c	38		15.5	*96930797*	*96930799*
			10		

38 mm spacer ring			
Pump type		Shaft seal dia.	Design
50-32-	125.1	28	-
	160.1	28	-
	200.1	28	-
	125	28	-
	160	28	-
	200	28	-
	250	38	2
65-50-	125	28	-
	160	28	-
65-40-	200	28	-
	250	38	2
	315	38	2
80-65-	125	28	-
	160	28	-
80-50-	200	28	-
	250	38	2
	315	38	1
100-80-	125	28	-
	160	38	2
100-65-	200	38	2
	250	38	1
	315	48	-
125-80-	160	38	2
	200	38	1
	250	38	1
	315	48	-
	400	48	-
125-100-	160	38	2
	200	38	1
	250	48	-
	315	48	-
	400	48	-
150-125-	200	38	1
	250	48	-
	315	48	-
	400	48	-
	500	60	-
200-150-	200	38	1
	250	48	-
	315.1	48/55	-
	315.2	48/55	-
	315	55	-
	400	55	-
	500	60	-
250-200-	400	48	-
	450	48	-
300-250-	350	48	-
	400	48	-
	450	60	-
	500	60	-

Shaft seal arrangements, "O" and "P"

NKG 125-100-160/160-142 H2 F 3 N KE (O) (P) 2926

(pos. 105d, 112 and 112a)

28, 38, 48, 55 and 60 mm	55 and 60 mm
	
MG1	*HJ92N, M7N, HJ977GN*

Spacer ring

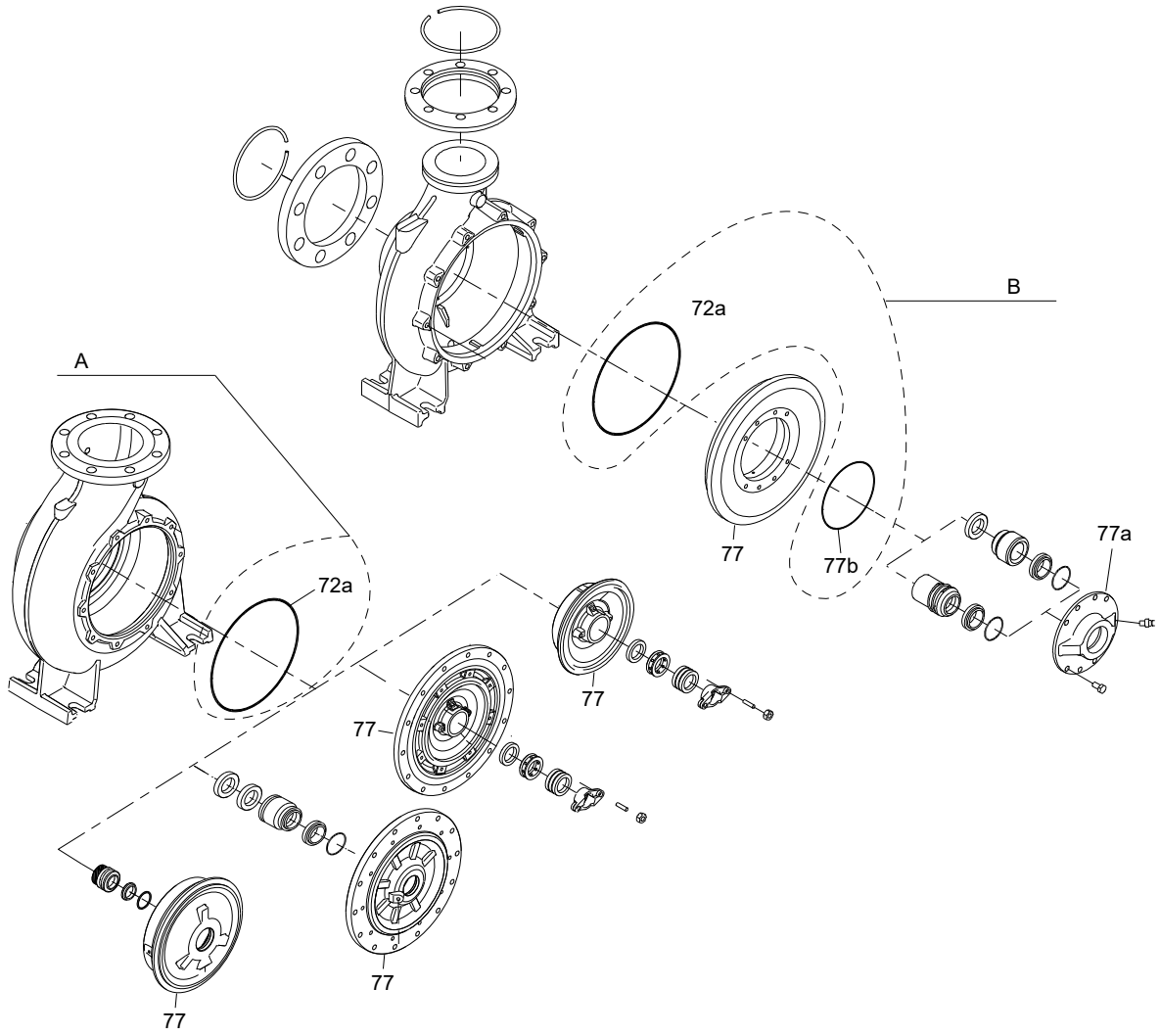
Pos.	Shaft seal diameter [mm]	Description	Length [mm]	Material code	
				A, B, C, D, E, F G, H, K, M, N, P, S	I, J, L, R, T, U, W
112 + 112a	28	Spacer ring	8.5	*97931570*	*97931570*
	38		6	*97931581*	*97931581*
	48		5.5	*97757584*	*97757584*
	55		5.5	*97757652*	*97757652*
	60		5.5	*97757653*	*97757653*
105d	55		4	*97757654*	*97757654*
	60		2	*97757655*	*97757655*

O-ring

Shaft seal arrangement, single seal "S" and stuffing box "B"

NKG	50-32	-125	.1	A1	F	2	N	V	(S)	BAQV

NKG	50-32	-125	.1	A1	F	2	N	V	(B)	SNEA



TM046803

Pos.	Description
A	Example 1
B	Example 2

Content		
Pos.		
Kit 1	72a	1 x O-ring
Kit 2	77b	1 x O-ring

The O-ring materials can be found in the type designation on the nameplate.

Code	Material
E	EPDM
M	FEPS
K	FFKM
V	FKM
F	FXM
X	HNBR

Example 1 - pump with cover, pos. 77 only

NKG	50-32	-125	.1	A1	F	2	N	(V)	S	BAQV

Code V describes a pump with O-ring kit 1 containing an FKM O-ring (V).

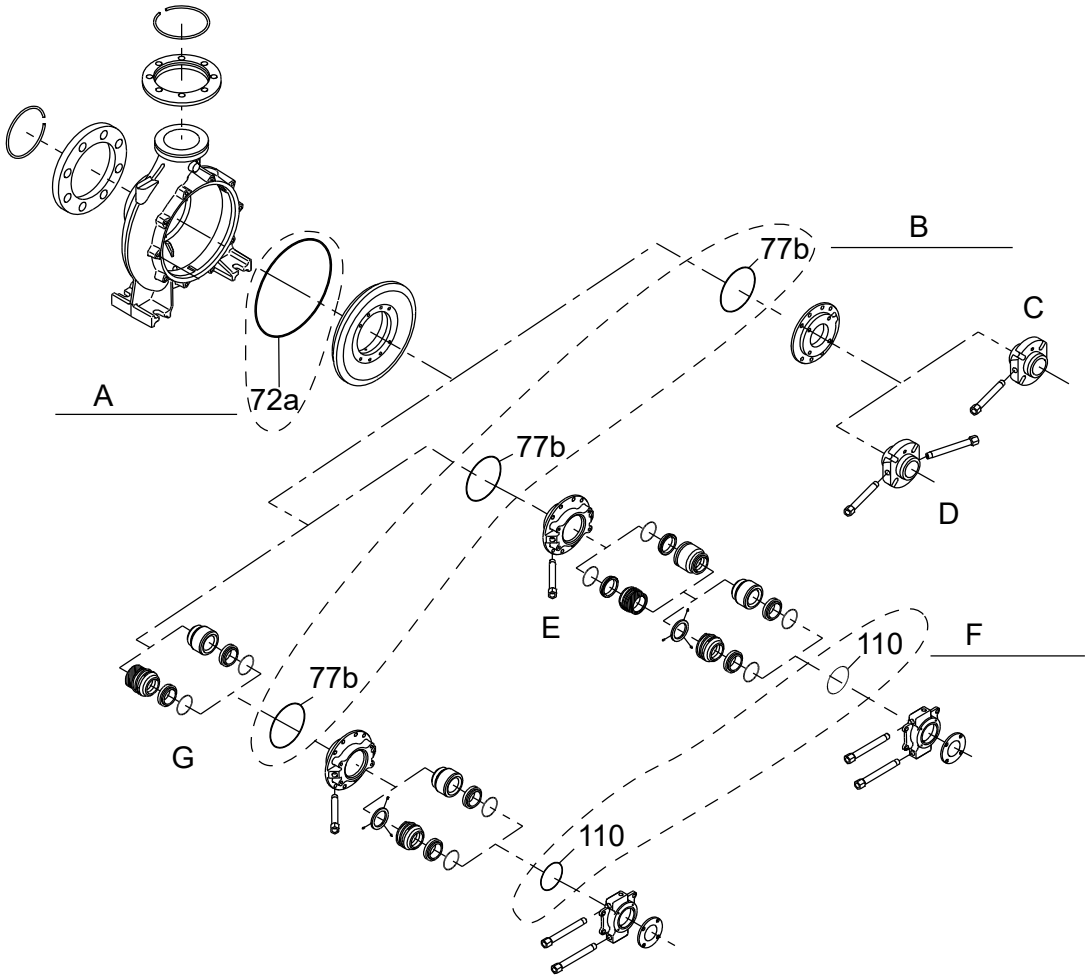
Example 2 - pump with cover, pos. 77 and 77a

NKG	50-32	-125	.1	A1	F	2	N	(V)	S	BAQV

Code V describes a pump with cover 77 and 77a with O-ring kit 1 + 2 containing FKM O-rings (V).

Shaft seal arrangements, "O", "P", "C" and "D"

NKG 125-100-160/160-142 H2 F 3 N KE (O P C D) 2926



Pos.	Description
A	O-ring kit 1
B	O-ring kit 2
C	Single cartridge
D	Double cartridge
E	Double seal, back to back
F	O-ring kit 3
G	Double seal, tandem

	Content	
Pos.		
Kit 1	72a	1 x O-ring
Kit 2	77b	1 x O-ring
Kit 3	110	1 x O-ring

The O-ring materials can be found in the type designation on the nameplate.

Code	Material
E	EPDM
M	FEPS
K	FFKM
V	FKM
F	FXM
X	HNBR

Example 1

NKG 125-100-160/160-142 H2 F 3 N(F/D)C DAQF

Code with one letter describes a pump with O-ring kit 1 + 2.

Code F describes a pump with O-ring kit 1 + 2 of FXM (F).

Example 2

NKG 125-100-160/160-142 H2 F 3 N KE(O/P)2926

Code with two letters describes a pump with O-ring kit 1 + 2 + 3.

Code KE describes a pump with O-ring kit 1 + 2 of FFKM (K) and O-ring kit 3 of EPDM (E).

Pump type		O-ring kit 1 (pos. 72a)					
		E (EPDM)	M (FEPS)	K (FFKM)	V (FKM)	F (FXM)	X (HNBR)
50-32-	125.1	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
	160.1	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
	200.1	*97757671*	*97904679*	*97904691*	*97757698*	*97790080*	*97904692*
	125	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
	160	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
	200	*97757671*	*97904679*	*97904691*	*97757698*	*97790080*	*97904692*
	250	*97757672*	*97904676*	*97904677*	*97757699*	*97790081*	*97904678*
65-50-	125	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
	160	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
65-40-	200	*97757671*	*97904679*	*97904691*	*97757698*	*97790080*	*97904692*
	250	*97757672*	*97904676*	*97904677*	*97757699*	*97790081*	*97904678*
	315	*97757675*	*96887770*	*96887761*	*97757705*	*96887764*	*96887767*
80-65-	125	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
	160	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
80-50-	200	*97757671*	*97904679*	*97904691*	*97757698*	*97790080*	*97904692*
	250	*97757672*	*97904676*	*97904677*	*97757699*	*97790081*	*97904678*
	315	*97757675*	*96887770*	*96887761*	*97757705*	*96887764*	*96887767*
100-80-	125	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
	160	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
100-65-	200	*97757671*	*97904679*	*97904691*	*97757698*	*97790080*	*97904692*
	250	*97757673*	*96887769*	*96887760*	*97757703*	*96887763*	*96887766*
	315	*97757675*	*96887770*	*96887761*	*97757705*	*96887764*	*96887767*
125-80-	160	*97757659*	*97904673*	*97904674*	*97757697*	*97790022*	*97904675*
	200	*97757671*	*97904679*	*97904691*	*97757698*	*97790080*	*97904692*
	250	*97757673*	*96887769*	*96887760*	*97757703*	*96887763*	*96887766*
	315	*97757675*	*96887770*	*96887761*	*97757705*	*96887764*	*96887767*
	400.1	*97757676*	*96887771*	*96887762*	*97757707*	*96887765*	*96887768*
	400	*97757676*	*96887771*	*96887762*	*97757707*	*96887765*	*96887768*

Pump type		O-ring kit 1 (pos. 72a)					
		E (EPDM)	M (FEPS)	K (FFKM)	V (FKM)	F (FXM)	X (HNBR)
125-100-	160	97757659	97904673	97904674	97757697	97790022	97904675
	200	97757671	97904679	97904691	97757698	97790080	97904692
	250	97757673	96887769	96887760	97757703	96887763	96887766
	315	97757675	96887770	96887761	97757705	96887764	96887767
	400	97757676	96887771	96887762	97757707	96887765	96887768
150-125-	200	97757671	97904679	97904691	97757698	97790080	97904692
	250	97757673	96887769	96887760	97757703	96887763	96887766
	315	97757675	96887770	96887761	97757705	96887764	96887767
	400	97757676	96887771	96887762	97757707	96887765	96887768
	500	97757679	97536641	97536606	97757712	97536608	97536609
200-150-	200	97757671	97904679	97904691	97757698	97790080	97904692
	250	97757673	96887769	96887760	97757703	96887763	96887766
	315.1	97757675	96887770	96887761	97757705	96887764	96887767
	315.2	97757675	96887770	96887761	97757705	96887764	96887767
	315	97757675	96887770	96887761	97757705	96887764	96887767
	400	97757676	96887771	96887762	97757707	96887765	96887768
	500	97757679	97536641	97536606	97757712	97536608	97536609
250-200-	400	97757676	-	-	97757707	96887765	-
	450	97757677	-	-	97757708	97790102	-
300-250-	350	97757676	-	-	97757707	96887765	-
	400	97757676	-	-	97757707	96887765	-
	450	97757677	-	-	97757708	97790102	-
	500	97757679	-	-	97757712	97536608	-

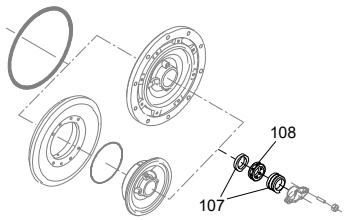
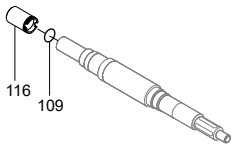
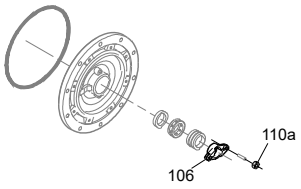
Pump type		O-ring kit 2 (pos. 77b)					
		E (EPDM)	M (FEPS)	K (FFKM)	V (FKM)	F (FXM)	X (HNBR)
50-32-	125.1	97761203	97685619	97685617	97761204	97685616	97685618
	160.1	97761203	97685619	97685617	97761204	97685616	97685618
	200.1	97761203	97685619	97685617	97761204	97685616	97685618
	125	97761203	97685619	97685617	97761204	97685616	97685618
	160	97761203	97685619	97685617	97761204	97685616	97685618
	200	97761203	97685619	97685617	97761204	97685616	97685618
	250	97761203	97685619	97685617	97761204	97685616	97685618
65-50-	125	97761203	97685619	97685617	97761204	97685616	97685618
	160	97761203	97685619	97685617	97761204	97685616	97685618
65-40-	200	97761203	97685619	97685617	97761204	97685616	97685618
	250	97761203	97685619	97685617	97761204	97685616	97685618
	315	97761203	97685619	97685617	97761204	97685616	97685618
80-65-	125	97761203	97685619	97685617	97761204	97685616	97685618
	160	97761203	97685619	97685617	97761204	97685616	97685618
80-50-	200	97761203	97685619	97685617	97761204	97685616	97685618
	250	97761203	97685619	97685617	97761204	97685616	97685618
	315	97761203	97685619	97685617	97761204	97685616	97685618
100-80-	125	97761203	97685619	97685617	97761204	97685616	97685618
	160	97761203	97685619	97685617	97761204	97685616	97685618
100-65-	200	97761203	97685619	97685617	97761204	97685616	97685618
	250	97761203	97685619	97685617	97761204	97685616	97685618
	315	97757693	96887775	96887772	97757714	96887773	96887774

Pump type		O-ring kit 2 (pos. 77b)					
		E (EPDM)	M (FEPS)	K (FFKM)	V (FKM)	F (FXM)	X (HNBR)
125-80-	160	97761203	97685619	97685617	97761204	97685616	97685618
	200	97761203	97685619	97685617	97761204	97685616	97685618
	250	97761203	97685619	97685617	97761204	97685616	97685618
	315	97757693	96887775	96887772	97757714	96887773	96887774
	400.1	97757693	96887775	96887772	97757714	96887773	96887774
	400	97757693	96887775	96887772	97757714	96887773	96887774
125-100-	160	97761203	97685619	97685617	97761204	97685616	97685618
	200	97761203	97685619	97685617	97761204	97685616	97685618
	250	97757693	96887775	96887772	97757714	96887773	96887774
	315	97757693	96887775	96887772	97757714	96887773	96887774
	400	97757693	96887775	96887772	97757714	96887773	96887774
150-125-	200	97761203	97685619	97685617	97761204	97685616	97685618
	250	97757693	96887775	96887772	97757714	96887773	96887774
	315	97757693	96887775	96887772	97757714	96887773	96887774
	400	97757693	96887775	96887772	97757714	96887773	96887774
	500	97757693	96887775	96887772	97757714	96887773	96887774
200-150-	200	97761203	97685619	97685617	97761204	97685616	97685618
	250	97757693	96887775	96887772	97757714	96887773	96887774
	315.1	97757693	96887775	96887772	97757714	96887773	96887774
	315.2	97757693	96887775	96887772	97757714	96887773	96887774
	315	97757693	96887775	96887772	97757714	96887773	96887774
	400	97757693	96887775	96887772	97757714	96887773	96887774
	500	97757693	96887775	96887772	97757714	96887773	96887774
250-200-	400	-	-	-	-	-	-
	450	-	-	-	-	-	-
300-250-	350	-	-	-	-	-	-
	400	-	-	-	-	-	-
	450	-	-	-	-	-	-
	500	-	-	-	-	-	-

Pump type		O-ring kit 3 (pos. 110)					
		E (EPDM)	M (FEPS)	K (FFKM)	V (FKM)	F (FXM)	X (HNBR)
50-32-	125.1	97904663	97904671	97904668	97904666	97904667	97904669
	160.1	97904663	97904671	97904668	97904666	97904667	97904669
	200.1	97904663	97904671	97904668	97904666	97904667	97904669
	125	97904663	97904671	97904668	97904666	97904667	97904669
	160	97904663	97904671	97904668	97904666	97904667	97904669
	200	97904663	97904671	97904668	97904666	97904667	97904669
	250	97904647	97904660	97904650	97904648	97904649	97904659
65-50-	125	97904663	97904671	97904668	97904666	97904667	97904669
	160	97904663	97904671	97904668	97904666	97904667	97904669
65-40-	200	97904663	97904671	97904668	97904666	97904667	97904669
	250	97904647	97904660	97904650	97904648	97904649	97904659
	315	97904647	97904660	97904650	97904648	97904649	97904659
80-65-	125	97904663	97904671	97904668	97904666	97904667	97904669
	160	97904663	97904671	97904668	97904666	97904667	97904669
80-50-	200	97904663	97904671	97904668	97904666	97904667	97904669
	250	97904647	97904660	97904650	97904648	97904649	97904659
	315	97904647	97904660	97904650	97904648	97904649	97904659
100-80-	125	97904663	97904671	97904668	97904666	97904667	97904669
	160	97904647	97904660	97904650	97904648	97904649	97904659

Pump type		O-ring kit 3 (pos. 110)					
		E (EPDM)	M (FEPS)	K (FFKM)	V (FKM)	F (FXM)	X (HNBR)
100-65-	200	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	250	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	315	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
125-80-	160	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	200	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	250	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	315	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	400.1	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	400	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
125-100-	160	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	200	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	250	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	315	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	400	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
150-125-	200	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	250	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	315	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	400	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	500	*97761203*	*97685619*	*97685617*	*97761204*	*97685616*	*97685618*
200-150-	200	*97904647*	*97904660*	*97904650*	*97904648*	*97904649*	*97904659*
	250	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	315.1	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	315.2	*97757691*	*97685614*	*97685615*	*97757713*	*97685612*	*97685613*
	315	*97761203*	*97685619*	*97685617*	*97761204*	*97685616*	*97685618*
	400	*97761203*	*97685619*	*97685617*	*97761204*	*97685616*	*97685618*
	500	*97761203*	*97685619*	*97685617*	*97761204*	*97685616*	*97685618*
250-200-	400	-	-	-	-	-	-
	450	-	-	-	-	-	-
300-250-	350	-	-	-	-	-	-
	400	-	-	-	-	-	-
	450	-	-	-	-	-	-
	500	-	-	-	-	-	-

Stuffing box, shaft sleeve and gland

Stuffing box	Shaft sleeve	Gland
		
107:Packing rings 108:1 x distribution ring (SNE/SNF)	109:1 x O-ring 116:1 x shaft sleeve	106:2 x gland 110a:2 x nut

Pump type		Material code	A, B, C, D, E, F, G, H, S, T						
		Shaft seal arrangement	B						
		Pump shaft diameter d5	Stuffing box for cast iron pump				Shaft sleeve		Gland
			SNEA, SNEC, SNFA, SNFC	SNEB, SNED, SNFB, SNFD	SNOA, SNOC	SNOB, SNOD	E (EPDM)	V (FKM)	
50-32-	125.1	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	160.1	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	200.1	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	125	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	160	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	200	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	250	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
65-50-	125	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	160	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
65-40-	200	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	250	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	315	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
80-65-	125	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	160	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
80-50-	200	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	250	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	315	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
100-80-	125	24	96877095	96877097	96877099	96877101	96861484	98796245	96861467
	160	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
100-65-	200	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	250	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	315	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
125-80-	160	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	200	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	250	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	315	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	400.1	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	400	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	400 [1)]	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
125-100-	160	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	200	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	250	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	315	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	400	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251

Pump type		Material code	A, B, C, D, E, F, G, H, S, T						
		Shaft seal arrangement	B						
		Pump shaft diameter d5	Stuffing box for cast iron pump				Shaft sleeve		Gland
			SNEA, SNEC, SNFA, SNFC	SNEB, SNED, SNFB, SNFD	SNOA, SNOC	SNOB, SNOD	E (EPDM)	V (FKM)	
150-125-	200	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	250	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	315	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	400	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	500	60	98796188	98796189	98796192	98796193	98796239	98796226	98796255
200-150-	200	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	250	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	315.1	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	315.2	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	315	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	400	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	500	60	98796188	98796189	98796192	98796193	98796239	98796226	98796255
250-200-	400	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	450	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
300-250-	350	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	400	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	450	60	98796188	98796189	98796192	98796193	98796239	98796226	98796255
	500	60	98796188	98796189	98796192	98796193	98796239	98796226	98796255

1) For 2-pole model only.

Pump type		Material code	I, J, K, M, N, P, U, W						
		Shaft seal arrangement	B						
		Pump shaft diameter d5	Stuffing box for 1.4408 pump				Shaft sleeve		Gland
			SNEA, SNEC, SNFA, SNFC	SNEB, SNED, SNFB, SNFD	SNOA, SNOC	SNOB, SNOD	E (EPDM)	V (FKM)	
50-32-	125.1	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	160.1	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	200.1	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	125	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	160	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	200	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	250	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
65-50-	125	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	160	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
65-40-	200	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	250	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	315	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
80-65-	125	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	160	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
80-50-	200	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	250	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	315	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
100-80-	125	24	98796196	98796197	96877099	96877101	98796242	98796229	98796247
	160	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
100-65-	200	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	250	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	315	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251

Pump type		Material code	I, J, K, M, N, P, U, W						
		Shaft seal arrangement	B						
		Pump shaft diameter d5	Stuffing box for 1.4408 pump				Shaft sleeve		Gland
			SNEA, SNEC, SNFA, SNFC	SNEB, SNED, SNFB, SNFD	SNOA, SNOC	SNOB, SNOD	E (EPDM)	V (FKM)	
125-80-	160	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	200	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	250	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	315	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	400.1	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	400	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	400 [2)]	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
125-100-	160	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	200	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	250	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	315	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	400	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
150-125-	200	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	250	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	315	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	400	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	500	60	98796212	98796213	98796192	98796193	98796240	98796227	98796255
200-150-	200	32	98796200	98796201	96877127	96877129	98796244	98796231	98796249
	250	42	98796204	98796205	98796176	98796177	98796234	98796221	98796251
	315.1	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
	315.2	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
	315	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
	400	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
	500	60	98796212	98796213	98796192	98796193	98796240	98796227	98796255
250-200-	400	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
	450	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
300-250-	350	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
	400	48	98796208	98796209	98796184	98796185	98796237	98796224	98796253
	450	60	98796212	98796213	98796192	98796193	98796240	98796227	98796255
	500	60	98796212	98796213	98796192	98796193	98796240	98796227	98796255

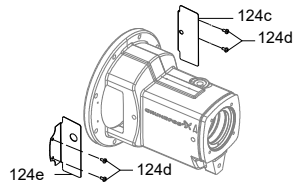
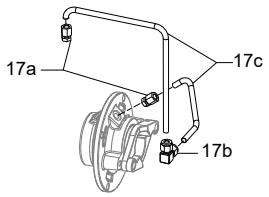
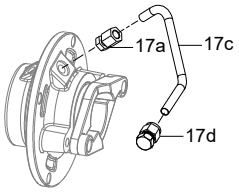
2) For 2-pole model only.

Pump type		Material code	L, R						
		Shaft seal arrangement	B						
		Pump shaft diameter d5	Stuffing box for 1.4517 pump				Shaft sleeve		Gland
			SNEA, SNEC, SNFA, SNFC	SNEB, SNED, SNFB, SNFD	SNOA, SNOC	SNOB, SNOD	E (EPDM)	V (FKM)	
50-32-	125.1	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	160.1	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	200.1	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	125	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	160	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	200	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	250	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
65-50-	125	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	160	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
65-40-	200	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	250	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	315	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250

Pump type		Material code	L, R						
		Shaft seal arrangement	B						
		Pump shaft diameter d5	Stuffing box for 1.4517 pump				Shaft sleeve		Gland
			SNEA, SNEC, SNFA, SNFC	SNEB, SNED, SNFB, SNFD	SNOA, SNOC	SNOB, SNOD	E (EPDM)	V (FKM)	
80-65-	125	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	160	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
80-50-	200	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	250	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	315	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
100-80-	125	24	98796196	98796197	96877099	96877101	98796243	98796230	98796248
	160	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
100-65-	200	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	250	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	315	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
125-80-	160	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	200	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	250	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	315	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	400.1	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	400	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	400 [3)]	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
125-100-	160	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	200	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	250	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	315	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	400	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
150-125-	200	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	250	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	315	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	400	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	500	60	98796212	98796213	98796192	98796193	98796241	98796228	98796256
200-150-	200	32	98796200	98796201	96877127	96877129	98796232	98796159	98796250
	250	42	98796204	98796205	98796176	98796177	98796235	98796222	98796252
	315.1	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
	315.2	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
	315	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
	400	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
	500	60	98796212	98796213	98796192	98796193	98796241	98796228	98796256
250-200-	400	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
	450	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
300-250-	350	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
	400	48	98796208	98796209	98796184	98796185	98796238	98796225	98796254
	450	60	98796212	98796213	98796192	98796193	98796241	98796228	98796256
	500	60	98796212	98796213	98796192	98796193	98796241	98796228	98796256

3) For 2-pole model only.

Stuffing box, shaft guard and pipe

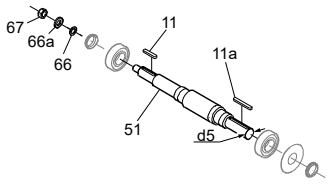
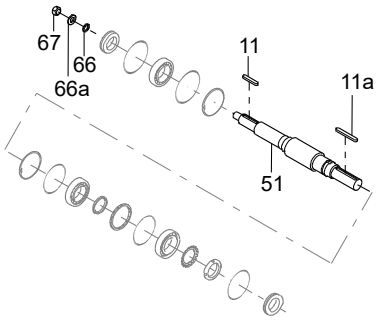
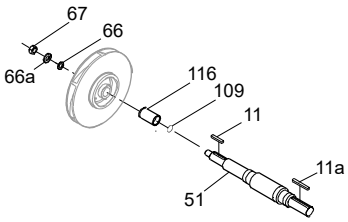
Shaft guard	Pipe SNE	Pipe SNF
		
Kit, shaft guard	**Kit, pipe SNE**	**Kit, pipe SNF**
124c: 1 x shaft guard, left 124d: 4 x pan head screw 124e: 1 x shaft guard, right	17a: 2 x male connector, R1/8" - 8 mm 17b: 1 x union elbow, 8 mm - 8 mm 17c: 2 x pipe	17a: 1 x male connector, R1/8" - 8 mm 17c: 1 x pipe 17d: 1 x compression fitting, cap, 8 mm

Pump type		Pump shaft diameter d5	Kit, shaft guard								Kit, pipe	
			Single shaft seal	Double shaft seal	Stuffing box shaft seal							
					Cast iron pump housing			Stainless steel (1.4408, 1.4517) pump housing			Cast iron, stainless steel (1.4408) pump housing	
					SNO	SNE	SNF	SNO	SNE	SNF	SNE	SNF
50-32-	125.1	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	125	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	160.1	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	160	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	200.1	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	200	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	250	32	96809959	97929236	96809959	96809959	99089317	96809959	99089317	99089317		
65-50-	125	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	160	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
65-40-	200	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	250	32	96809959	97929236	96809959	96809959	99089317	96809959	99089317	99089317		
	315	32	96809960	97929237	96809960	96809960	99089316	96809960	99089316	99089316		
80-65-	125	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	160	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
80-50-	200	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315		
	250	32	96809959	97929236	96809959	96809959	99089317	96809959	99089317	99089317		
	315	32	96809960	97929237	96809960	96809960	99089316	96809960	99089316	99089316		
100-80-	125	24	96809956	97904702	96809956	96809956	99089315	96809956	99089315	99089315	99001051	99001056
	160	32	96809959	97929236	96809959	96809959	99089317	96809959	99089317	99089317		
100-65-	200	32	96809959	97929236	96809959	96809959	99089317	96809959	99089317	99089317		
	250	32	96809960	97929237	96809960	96809960	99089316	96809960	99089316	99089316		
	315	42	96809961	96887370	96809961	96809961	99089323	96809961	99089323	99089323		
125-80-	160	32	96809959	97929236	96809959	96809959	99089317	96809959	99089317	99089317		
	200	32	96809960	97929237	96809960	96809960	99089316	96809960	99089316	99089316		
	250	32	96809960	97929237	96809960	96809960	99089316	96809960	99089316	99089316		
	315	42	96809961	96887370	96809961	96809961	99089323	96809961	99089323	99089323		
	400.1	42	96809961	96887370	96809961	96809961	99089323	96809961	99089323	99089323		
	400	42	96809961	96887370	96809961	96809961	99089323	96809961	99089323	99089323		
	400 [1)]	48	96809962	97536603	96809962	99089326	99089326	96809962	99089326	99089326		
125-100-	160	32	96809959	97929236	96809959	96809959	99089317	96809959	99089317	99089317		
	200	32	96809960	97929237	96809960	96809960	99089316	96809960	99089316	99089316		
	250	42	96809961	96887370	96809961	96809961	99089323	96809961	99089323	99089323		
	315	42	96809961	96887370	96809961	96809961	99089323	96809961	99089323	99089323		
	400	42	96809961	96887370	96809961	96809961	99089323	96809961	99089323	99089323		

Pump type		Pump shaft diameter d5	Kit, shaft guard								Kit, pipe	
			Single shaft seal	Double shaft seal	Stuffing box shaft seal							
					Cast iron pump housing			Stainless steel (1.4408, 1.4517) pump housing			Cast iron, stainless steel (1.4408) pump housing	
					SNO	SNE	SNF	SNO	SNE	SNF	SNE	SNF
150-125-	200	32	*96809960*	*97929237*	*96809960*	*96809960*	*99089316*	*96809960*	*99089316*	*99089316*		
	250	42	*96809961*	*96887370*	*96809961*	*96809961*	*99089323*	*96809961*	*99089323*	*99089323*		
	315	42	*96809961*	*96887370*	*96809961*	*96809961*	*99089323*	*96809961*	*99089323*	*99089323*		
	400	42	*96809961*	*96887370*	*96809961*	*96809961*	*99089323*	*96809961*	*99089323*	*99089323*		
	500	60	*96809962*	*97536603*	*96809962*	*99089326*	*99089326*	*96809962*	*99089326*	*99089326*		
200-150-	200	32	*96809960*	*97929237*	*96809960*	*96809960*	*99089316*	*96809960*	*99089316*	*99089316*		
	250	42	*96809961*	*96887370*	*96809961*	*96809961*	*99089323*	*96809961*	*99089323*	*99089323*		
	315.1	48	*96809962*	*97536603*	*96809962*	*99089326*	*99089326*	*96809962*	*99089326*	*99089326*		
	315.2	48	*96809962*	*97536603*	*96809962*	*99089326*	*99089326*	*96809962*	*99089326*	*99089326*		
	315	48	*96809962*	*97536603*	*96809962*	*99089326*	*99089326*	*96809962*	*99089326*	*99089326*		
	400	48	*96809962*	*97536603*	*96809962*	*99089326*	*99089326*	*96809962*	*99089326*	*99089326*		
	500	60	*96809962*	*97536603*	*96809962*	*99089326*	*99089326*	*96809962*	*99089326*	*99089326*		
250-200-	400	48	*96809962*	*97536603*	*96809962*	*99089325*	*99089325*	*96809962*	*99089326*	*99089326*		
	450	48	*96809962*	*97536603*	*96809962*	*99089325*	*99089325*	*96809962*	*99089326*	*99089326*		
300-250-	350	48	*96809962*	*97536603*	*96809962*	*99089325*	*99089325*	*96809962*	*99089326*	*99089326*		
	400	48	*96809962*	*97536603*	*96809962*	*99089325*	*99089325*	*96809962*	*99089326*	*99089326*		
	450	60	*96809962*	*97536603*	*96809962*	*99089325*	*99089325*	*96809962*	*99089325*	*99089325*		
	500	60	*96809962*	*97536603*	*96809962*	*99089325*	*99089325*	*96809962*	*99089325*	*99089325*		

1) Oversize pump.

Shaft

Shaft, standard	Shaft, heavy-duty	Shaft, stuffing box
Pump version A1, A2, I1, I2, Y	Pump version G1, G2, H1, H2, J1, J2, K1, K2, W, Z	
		
11:1 x key 11a:1 x key 51:1 x shaft 66:1 x washer 66a:1 x lock washer 67:1 x nut	11:1 x key 11a:1 x key 51:1 x shaft 66:1 x washer 66a:1 x lock washer 67:1 x nut	11:1 x key 11a:1 x key 51:1 x shaft 66:1 x washer 66a:1 x lock washer 67:1 x nut 109:1 x O-ring 116:1 x shaft sleeve

The material codes for the shaft can be found in the type designation on the nameplate.

NKG 125-100/-160/160-142 (J1) F 3 (P) M E (P) 2926
(1) (3) (2)

(1) Pump version J1: pump without motor, with grease-lubricated heavy-duty standard bearing, standard coupling.

(2) Shaft seal arrangement P: tandem, double seal.

(3) Material code P: carbon-graphite filled PTFE (Graflon®).

			Shaft for mechanical shaft seal						
(1) Pump version			A1, A2, I1, I2, Y				G1,G2,H1,H2,J1,J2,K1,K2,W,Z		
(2) Shaft seal arrangement			S		O, P, C, D		S, O, P, C, D		
Pump type		Pump shaft diameter d5	(3) Material code	A, B, C, D, E, F, G, H, K, M, N, P, S	I, J, L, R, T, U, W	A, B, C, D, E, F, G, H, K, M, N, P, S	I, J, L, R, T, U, W	A, B, E, F	C, D, G, H, K, M, N, P, S	I, J, L, R, T, U, W
50-32-	125.1	24		96861517	96861518	96861517	96861518	98819588	97904696	97904697
	160.1	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	200.1	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	125	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	160	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	200	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	250	32		99437338	99437339	99437338	99437339	98819680	97926898	97929231
65-50-	125	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	160	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
65-40-	200	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	250	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	315	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
80-65-	125	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	160	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
80-50-	200	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	250	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	315	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231

				Shaft for mechanical shaft seal						
(1) Pump version				A1, A2, I1, I2, Y				G1,G2,H1,H2,J1,J2,K1,K2,W,Z		
(2) Shaft seal arrangement				S		O, P, C, D		S, O, P, C, D		
Pump type		Pump shaft diameter d5	(3) Material code	A, B, C, D, E, F, G, H, K, M, N, P, S	I, J, L, R, T, U, W	A, B, C, D, E, F, G, H, K, M, N, P, S	I, J, L, R, T, U, W	A, B, E, F	C, D, G, H, K, M, N, P, S	I, J, L, R, T, U, W
100-80-	125	24		96861517	96861518	97904698	97904699	98819588	97904696	97904697
	160	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
100-65-	200	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	250	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	315	42		96861524	96861525	96861524	96861525	98819877	96887358	96887359
125-80-	160	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	200	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	250	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	315	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	400.1	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	400	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	400 [1]	48		96861526	96861527	97761156	97761157	98819883	97761116	97761152
125-100-	160	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	200	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	250	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	315	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	400	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
150-125-	200	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	250	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	315	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	400	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	500	60		96861528	96861529	97761158	97761159	98819888	97761154	97761155
200-150-	200	32		96861520	96861521	97929232	97929233	98819680	97926898	97929231
	250	42		96861524	96861525	97739721	97739722	98819877	96887358	96887359
	315.1	48		96861526	96861527	96861526	96861527	98819883	97761116	97761152
	315.2	48		96861526	96861527	97761156	97761157	98819883	97761116	97761152
	315	48		96861526	96861527	97761156	97761157	98819883	97761116	97761152
	400	48		96861526	96861527	97761156	97761157	98819883	97761116	97761152
	500	60		96861528	96861529	96861528	96861529	98819888	97761154	97761155
250-200-	400	48		96861526	96861527	-	-	98819883	97761116	97761152
	450	48		96861526	96861527	-	-	98819883	97761116	97761152
300-250-	350	48		96861526	96861527	-	-	98819883	97761116	97761152
	400	48		96861526	96861527	-	-	98819883	97761116	97761152
	450	60		96861528	96861529	-	-	98819888	97761154	97761155
	500	60		96861528	96861529	-	-	98819888	97761154	97761155

1) For 2-pole model only.

				Shaft for stuffing box					
(1) Pump version				A1, A2, I1, I2, Y1					
(2) Shaft seal arrangement				B					
Pump type		Pump shaft diameter d5	(3) Material code	A, B, E, F		C, D, G, H, K, M, N, P, S		I, J, L, R, T, U, W	
			Rubber code	V	E	V	E	V	E
50-32-	125.1	24		98812953	96958259	98812954	98812962	98795674	98795698
	160.1	24		98812953	96958259	98812954	98812962	98795674	98795698
	200.1	24		98812953	96958259	98812954	98812962	98795674	98795698
	125	24		98812953	96958259	98812954	98812962	98795674	98795698
	160	24		98812953	96958259	98812954	98812962	98795674	98795698
	200	24		98812953	96958259	98812954	98812962	98795674	98795698
	250	32		99437347	99437341	99437348	99437349	99437344	99437345
65-50-	125	24		98812953	96958259	98812954	98812962	98795674	98795698
	160	24		98812953	96958259	98812954	98812962	98795674	98795698
65-40-	200	24		98812953	96958259	98812954	98812962	98795674	98795698
	250	32		98812957	96958261	98812958	98812960	98795675	98795699
	315	32		98812957	96958261	98812958	98812960	98795675	98795699
80-65-	125	24		98812953	96958259	98812954	98812962	98795674	98795698
	160	24		98812953	96958259	98812954	98812962	98795674	98795698
80-50-	200	24		98812953	96958259	98812954	98812962	98795674	98795698
	250	32		98812957	96958261	98812958	98812960	98795675	98795699
	315	32		98812957	96958261	98812958	98812960	98795675	98795699
100-80-	125	24		98812953	96958259	98812954	98812962	98795674	98795698
	160	32		98812957	96958261	98812958	98812960	98795675	98795699
100-65-	200	32		98812957	96958261	98812958	98812960	98795675	98795699
	250	32		98812957	96958261	98812958	98812960	98795675	98795699
	315	42		98795679	98795703	98795680	98795704	98795681	98795705
125-80-	160	32		98812957	96958261	98812958	98812960	98795675	98795699
	200	32		98812957	96958261	98812958	98812960	98795675	98795699
	250	32		98812957	96958261	98812958	98812960	98795675	98795699
	315	42		98795679	98795703	98795680	98795704	98795681	98795705
	400.1	42		98795679	98795703	98795680	98795704	98795681	98795705
	400	42		98795679	98795703	98795680	98795704	98795681	98795705
	400 [2)]	48		98795682	98795706	98795683	98795707	98795684	98795708
125-100-	160	32		98812957	96958261	98812958	98812960	98795675	98795699
	200	32		98812957	96958261	98812958	98812960	98795675	98795699
	250	42		98795679	98795703	98795680	98795704	98795681	98795705
	315	42		98795679	98795703	98795680	98795704	98795681	98795705
	400	42		98795679	98795703	98795680	98795704	98795681	98795705
150-125-	200	32		98812957	96958261	98812958	98812960	98795675	98795699
	250	42		98795679	98795703	98795680	98795704	98795681	98795705
	315	42		98795679	98795703	98795680	98795704	98795681	98795705
	400	42		98795679	98795703	98795680	98795704	98795681	98795705
	500	60		98795685	98795709	98795686	98795710	98795687	98795711
200-150-	200	32		98812957	96958261	98812958	98812960	98795675	98795699
	250	42		98795679	98795703	98795680	98795704	98795681	98795705
	315.1	48		98795682	98795706	98795683	98795707	98795684	98795708
	315.2	48		98795682	98795706	98795683	98795707	98795684	98795708
	315	48		98795682	98795706	98795683	98795707	98795684	98795708
	400	48		98795682	98795706	98795683	98795707	98795684	98795708
	500	60		98795685	98795709	98795686	98795710	98795687	98795711
250-200-	400	48		98795682	98795706	98795683	98795707	98795684	98795708
	450	48		98795682	98795706	98795683	98795707	98795684	98795708

				Shaft for stuffing box					
(1) Pump version				A1, A2, I1, I2, Y1					
(2) Shaft seal arrangement				B					
Pump type		Pump shaft diameter d5	(3) Material code	A, B, E, F		C, D, G, H, K, M, N, P, S		I, J, L, R, T, U, W	
			Rubber code	V	E	V	E	V	E
300-250-	350	48		98795682	98795706	98795683	98795707	98795684	98795708
	400	48		98795682	98795706	98795683	98795707	98795684	98795708
	450	60		98795685	98795709	98795686	98795710	98795687	98795711
	500	60		98795685	98795709	98795686	98795710	98795687	98795711

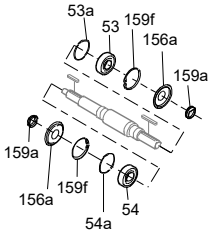
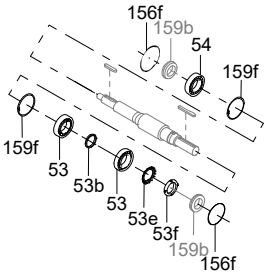
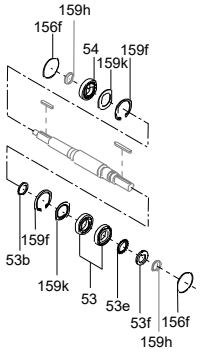
2) For 2-pole model only.

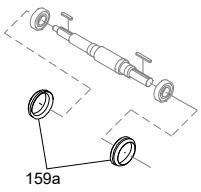
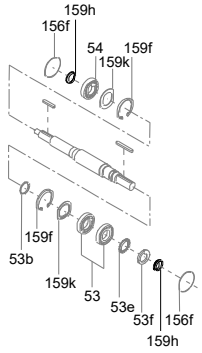
				Shaft for stuffing box					
(1) Pump version				G1, G2, H1, H2, J1, J2, K1, K2, W1, Z1					
(2) Shaft seal arrangement				B					
Pump type		Pump shaft diameter d5	(3) Material code	A, B, E, F		C, D, G, H, K, M, N, P, S		I, J, L, R, T, U, W	
			Rubber code	V	E	V	E	V	E
50-32-	125.1	24		98922056	98922030	98795688	98795712	98795689	98795713
	160.1	24		98922056	98922030	98795688	98795712	98795689	98795713
	200.1	24		98922056	98922030	98795688	98795712	98795689	98795713
	125	24		98922056	98922030	98795688	98795712	98795689	98795713
	160	24		98922056	98922030	98795688	98795712	98795689	98795713
	200	24		98922056	98922030	98795688	98795712	98795689	98795713
	250	32		98922057	98922051	98795690	98795714	98795691	98795715
65-50-	125	24		98922056	98922030	98795688	98795712	98795689	98795713
	160	24		98922056	98922030	98795688	98795712	98795689	98795713
65-40-	200	24		98922056	98922030	98795688	98795712	98795689	98795713
	250	32		98922057	98922051	98795690	98795714	98795691	98795715
	315	32		98922057	98922051	98795690	98795714	98795691	98795715
80-65-	125	24		98922056	98922030	98795688	98795712	98795689	98795713
	160	24		98922056	98922030	98795688	98795712	98795689	98795713
80-50-	200	24		98922056	98922030	98795688	98795712	98795689	98795713
	250	32		98922057	98922051	98795690	98795714	98795691	98795715
	315	32		98922057	98922051	98795690	98795714	98795691	98795715
100-80-	125	24		98922056	98922030	98795688	98795712	98795689	98795713
	160	32		98922057	98922051	98795690	98795714	98795691	98795715
100-65-	200	32		98922057	98922051	98795690	98795714	98795691	98795715
	250	32		98922057	98922051	98795690	98795714	98795691	98795715
	315	42		98922058	98922052	98795692	98795716	98795693	98795717
125-80-	160	32		98922057	98922051	98795690	98795714	98795691	98795715
	200	32		98922057	98922051	98795690	98795714	98795691	98795715
	250	32		98922057	98922051	98795690	98795714	98795691	98795715
	315	42		98922058	98922052	98795692	98795716	98795693	98795717
	400.1	42		98922058	98922052	98795692	98795716	98795693	98795717
	400	42		98922058	98922052	98795692	98795716	98795693	98795717
	400 3)	48		98922059	98922054	98795694	98795718	98795695	98795719
125-100-	160	32		98922057	98922051	98795690	98795714	98795691	98795715
	200	32		98922057	98922051	98795690	98795714	98795691	98795715
	250	42		98922058	98922052	98795692	98795716	98795693	98795717
	315	42		98922058	98922052	98795692	98795716	98795693	98795717
	400	42		98922058	98922052	98795692	98795716	98795693	98795717

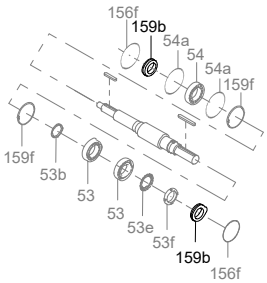
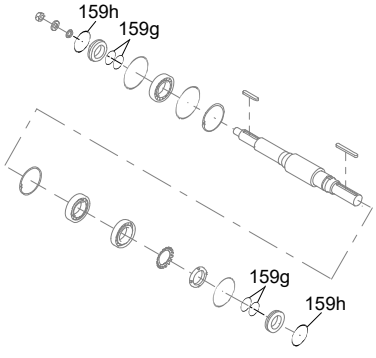
				Shaft for stuffing box					
(1) Pump version				G1, G2, H1, H2, J1, J2, K1, K2, W1, Z1					
(2) Shaft seal arrangement				B					
Pump type		Pump shaft diameter d5	(3) Material code	A, B, E, F		C, D, G, H, K, M, N, P, S		I, J, L, R, T, U, W	
			Rubber code	V	E	V	E	V	E
150-125-	200	32		98922057	98922051	98795690	98795714	98795691	98795715
	250	42		98922058	98922052	98795692	98795716	98795693	98795717
	315	42		98922058	98922052	98795692	98795716	98795693	98795717
	400	42		98922058	98922052	98795692	98795716	98795693	98795717
	500	60		98922060	98922055	98795696	98795720	98795697	98795721
200-150-	200	32		98922057	98922051	98795690	98795714	98795691	98795715
	250	42		98922058	98922052	98795692	98795716	98795693	98795717
	315.1	48		98922059	98922054	98795694	98795718	98795695	98795719
	315.2	48		98922059	98922054	98795694	98795718	98795695	98795719
	315	48		98922059	98922054	98795694	98795718	98795695	98795719
	400	48		98922059	98922054	98795694	98795718	98795695	98795719
	500	60		98922060	98922055	98795696	98795720	98795697	98795721
250-200-	400	48		98922059	98922054	98795694	98795718	98795695	98795719
	450	48		98922059	98922054	98795694	98795718	98795695	98795719
300-250-	350	48		98922059	98922054	98795694	98795718	98795695	98795719
	400	48		98922059	98922054	98795694	98795718	98795695	98795719
	450	60		98922060	98922055	98795696	98795720	98795697	98795721
	500	60		98922060	98922055	98795696	98795720	98795697	98795721

3) For 2-pole model only.

Bearings, spacer ring, V-ring and oil seal

Bearing		
Pump version A1, A2, I1, I2, Y	Pump version H1, H2, K1, K2, Z	Pump version G1, G2, J1, J2, W
		
53/54:2 x bearing 53a/54a:2 x O-ring 156a:2 x bearing cover 159a:2 x V-ring 159f:2 x retaining ring	53:2 x bearing 54:1 x bearing 53b:1 x inner spacer rings 53c:1 x outer spacer rings 156f:2 x O-ring for cover 159f:2 x retaining ring 53e:1 x lock washer 53f:1 x lock nut	53:2 x bearing 54:1 x bearing 53b:1 x inner spacer rings 156f:2 x O-ring for cover 159f:2 x retaining ring 159k:2 x seal spacer 53e:1 x lock washer 53f:1 x lock nut

V-ring	
Pump version A1, A2, I1, I2, Y	Pump version G1, G2, J1, J2, W
	
159a:2 x V-ring	159h: 2 x V-ring

Oil seal	O-ring
	
159b:1 x oil seal	159g:2 x O-ring 159h:1 x O-ring

The material code can be found in the type designation on the nameplate.

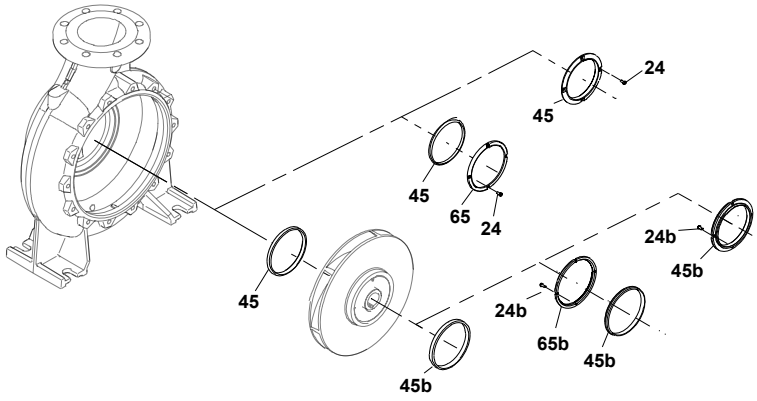
NKG 125-100-160 /160-142 H2 (F3) NKE O 2926

Pump type		Pump shaft diameter d5	Bearings				V-ring			Oil seal	O-ring
			Standard	PWIS-free	Heavy-duty		Standard	PWIS-free	Heavy-duty		
			Pump version				Pump version				
			A1, A2, I1, I2, Y		H1, H2, K1, K2, Z	G1, G2, J1, J2, W	A1, A2, I1, I2, Y		G1, G2, J1, J2, W		
50-32-	125.1	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	160.1	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	200.1	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	125	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	160	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	200	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	250	32	96579599	98670821	97929249	98819679	96591314	98670822	98670822	97929234	97929235
65-50-	125	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	160	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
65-40-	200	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	250	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	315	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
80-65-	125	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	160	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
80-50-	200	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	250	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	315	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
100-80-	125	24	96579599	98670821	97904646	98819587	96591314	98670822	98670823	97904700	97853765
	160	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
100-65-	200	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	250	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	315	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
125-80-	160	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	200	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	250	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	315	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	400.1	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	400	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	400 [1)]	48	95919876	98670817	97761201	98819882	96871241	98670827	98670827	97761180	97763478
125-100-	160	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	200	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	250	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	315	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	400	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
150-125-	200	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	250	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	315	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	400	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	500	60	95919878	98670819	97761201	98819882	96871242	98670828	98670827	97761180	97763478
200-150-	200	32	95919873	98670814	97929249	98819679	96871238	98670824	98670822	97929234	97929235
	250	42	95919875	98670816	96887353	98819876	96871240	98670826	98670825	96887776	97527677
	315.1	48	95919876	98670817	97761201	98819882	96871241	98670827	98670827	97761180	97763478
	315.2	48	95919876	98670817	97761201	98819882	96871241	98670827	98670827	97761180	97763478
	315	48	95919876	98670817	97761201	98819882	96871241	98670827	98670827	97761180	97763478
	400	48	95919876	98670817	97761201	98819882	96871241	98670827	98670827	97761180	97763478
	500	60	95919878	98670819	97761201	98819882	96871242	98670828	98670827	97761180	97763478

Pump type		Pump shaft diameter d5	Bearings				V-ring			Oil seal	O-ring
			Standard	PWIS-free	Heavy-duty		Standard	PWIS-free	Heavy-duty		
			Pump version				Pump version				
			A1, A2, I1, I2, Y		H1, H2, K1, K2, Z	G1, G2, J1, J2, W	A1, A2, I1, I2, Y		G1, G2, J1, J2, W		
250-200-	400	48	*95919876*	*98670817*	*97761201*	*98819882*	*96871241*	*98670827*	*98670827*	*97761180*	*97763478*
	450	48	*95919876*	*98670817*	*97761201*	*98819882*	*96871241*	*98670827*	*98670827*	*97761180*	*97763478*
300-250-	350	48	*95919876*	*98670817*	*97761201*	*98819882*	*96871241*	*98670827*	*98670827*	*97761180*	*97763478*
	400	48	*95919876*	*98670817*	*97761201*	*98819882*	*96871241*	*98670827*	*98670827*	*97761180*	*97763478*
	450	60	*95919878*	*98670819*	*97761201*	*98819882*	*96871242*	*98670828*	*98670827*	*97761180*	*97763478*
	500	60	*95919878*	*98670819*	*97761201*	*98819882*	*96871242*	*98670828*	*98670827*	*97761180*	*97763478*

1) For 2-pole model only.

Wear ring



TM044731

Material code: A, B, C, D, E, F, G, H, S, T		Material code: I, N, P, R, W		Material code: I, K, L, M, U	
Pos. 45	**Pos. 45b**	**Pos. 45**	**Pos. 45b**	**Pos. 45**	**Pos. 45b**
45: 1 x wear ring	45b: 1 x wear ring	45: 1 x wear ring 65: 1 x wear ring retainer 24: 4 x screw	45b: 1 x wear ring 65b: 1 x wear ring retainer 24b: 4 x screw	45: 1 x wear ring 24: 4 x screw	45b: 1 x wear ring 24b: 4 x screw

Material code A, B, C, D, E, F, G, H, S, T (pump housing material cast iron)

The material code can be found in the type designation on the nameplate.

NKG 125-100-160 /160-142 H2 F 2 (A) KE O 2926

Pump type		Wear ring inner diameter [mm]		Wear ring material			
				Bronze/Brass		GG	
				A, B, C, D, E, F, G, H, S, T		A, B, C, D, E, F, G, H, S, T	
		Pos. 45	Pos. 45b	Pos. 45	Pos. 45b	Pos. 45	Pos. 45b
50-32-	125.1			*96810099*	-	-	-
	160.1			*96810098*	-	-	-
	200.1			*96810099*	-	-	-
	125			*96810099*	-	-	-
	160			*96810099*	*96810102*	-	-
	200			*96810099*	*96810102*	-	-
	250			*96810099*	*96810103*	-	-
65-50-	125			*96810100*	*96810102*	-	-
	160			*96810100*	*96810102*	-	-
65-40-	200			*96810100*	*96810102*	-	-
	250			*96810100*	*96810103*	-	-
	315			*96810102*	*96797628*	-	-
80-65-	125			*96810102*	*96810102*	-	-
	160			*96810102*	*96810102*	-	-
80-50-	200			*96810102*	*96810102*	-	-
	250			*96810102*	*96810103*	-	-
	315			*96810103*	*96797628*	-	-
100-80-	125			*96810103*	*96810102*	-	-
	160			*96810103*	*96810104*	-	-
100-65-	200			*96810103*	*96810104*	-	-
	250			*96810105*	*96797628*	-	-
	315			*96810105*	*96797628*	-	-

Pump type		Wear ring inner diameter [mm]		Wear ring material			
				Bronze/Brass		GG	
				A, B, C, D, E, F, G, H, S, T		A, B, C, D, E, F, G, H, S, T	
		Pos. 45	Pos. 45b	Pos. 45	Pos. 45b	Pos. 45	Pos. 45b
125-80-	160			96810106	96810104	-	-
	200			96797626	96797628	-	-
	250			96797626	96797628	-	-
	315			96797626	96797628	-	-
	400			96797628	96810109	-	-
125-100-	160			96810107	96810104	-	-
	200	174	154	96810108	96797628	-	-
	200	154	154	96797628	96797628	-	-
	250			96797628	96797628	-	-
	315			96797628	96797628	-	-
	400			96810109	96810109	-	-
150-125-	200			96810108	96797628	-	-
	250			96810109	96810109	-	-
	315			96810109	96797628	-	-
	400			96810109	96810109	-	-
	500			96810109	96810112	-	-
200-150-	200			96810110	96810109	-	-
	250	210	185	96810111	96810109	-	-
	250	185	185	96810109	96810109	-	-
	315.1			96810111	96810112	-	-
	315.2			96810111	96810112	-	-
	315			96810111	96810112	-	-
	400			96810112	96810112	-	-
	500			96810112	96810112	-	-
250-200-	400			96939611	96939611	96939606	96939609
	450			96939612	96939612	96939607	96939607
300-250-	350			96939613	96939615	96939608	96939607
	400			96939615	96939615	96939607	96939607
	450			96939614	96939614	96939607	96939607
	500			96939615	96939615	96939610	96939610

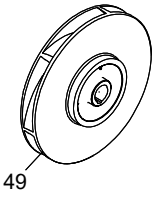
Material code I, J, K, L, M, N, P, R, W, U (pump housing material 1.4517 and 1.4408)

Pump type		Wear ring inner diameter [mm]		Material code	J, N, P, R, W				I, K, L, M, U			
				ACS approval	-		-		-		Yes	
				Wear ring material	Carbon-graphite-filled PTFE		Carbon-graphite-filled PTFE		1.4517		1.4517	
				Screw	1.4539		1.4401		1.4539		1.4401	
		Pos. 45	Pos. 45b		Pos. 45	Pos. 45b	Pos. 45	Pos. 45b	Pos. 45	Pos. 45b	Pos. 45	Pos. 45b
50-32-	125.1				96810113	96774200	96810114	96810117	96810134	96810138	96810135	96810139
	160.1				97939262	96774200	97939263	96810117	97939264	96810138	97939265	96810139
	200.1				97939262	96774200	97939263	96810117	97939264	96810138	97939265	96810139
	125				96810113	96774200	96810114	96810117	96810134	96810138	96810135	96810139
	160				96810113	96774200	96810114	96810117	96810134	96810138	96810135	96810139
	200				96810113	96774200	96810114	96810117	96810134	96810138	96810135	96810139
	250				96810113	96810120	96810114	96810121	96810134	96810142	96810135	96810143
65-50-	125				96774200	96774200	96810117	96810117	96810138	96810138	96810139	96810139
	160				96810115	96774200	96810116	96810117	96810136	96810138	96810137	96810139

Pump type		Wear ring inner diameter [mm]		Material code	J, N, P, R, W				I, K, L, M, U			
				ACS approval	-		-		-		Yes	
				Wear ring material	Carbon-graphite-filled PTFE		Carbon-graphite-filled PTFE		1.4517		1.4517	
				Screw	1.4539		1.4401		1.4539		1.4401	
		Pos. 45	Pos. 45b		Pos. 45	Pos. 45b	Pos. 45	Pos. 45b	Pos. 45	Pos. 45b	Pos. 45	Pos. 45b
65-40-	200				96810115	96774200	96810116	96810117	96810136	96810138	96810137	96810139
	250				96810115	96810120	96810116	96810121	96810136	96810142	96810137	96810143
	315				96774200	96810130	96810117	96810131	96810138	96810152	96810139	96810153
80-65-	125				96810120	96774200	96810121	96810117	96810142	96810138	96810143	96810139
	160				96774200	96774200	96810117	96810117	96810138	96810138	96810139	96810139
80-50-	200				96774200	96774200	96810117	96810117	96810138	96810138	96810139	96810139
	250				96774200	96810120	96810117	96810121	96810138	96810142	96810139	96810143
	315				96810120	96810130	96810121	96810131	96810142	96810152	96810143	96810153
100-80-	125				96810120	96774200	96810121	96810117	96810142	96810138	96810143	96810139
	160				96810120	96810124	96810121	96810125	96810142	96810146	96810143	96810147
100-65-	200				96810113	96810120	96810114	96810121	96810134	96810142	96810135	96810143
	250				96810124	96810130	96810125	96810131	96810146	96810152	96810147	96810153
	315				96810124	96810130	96810125	96810131	96810146	96810152	96810147	96810153
125-80-	160				96810124	96810128	96810125	96810129	96810146	96810150	96810147	96810151
	200				96810113	96810130	96810114	96810121	96810134	96810142	96810135	96810143
	250				96810124	96810130	96810125	96810131	96810146	96810152	96810147	96810153
	315				96810128	96810130	96810129	96810131	96810150	96810152	96810151	96810153
	400.1				96810128	96810132	96810129	96810133	96810150	96810154	96810151	96810155
	400				96810128	96810132	96810129	96810133	96810150	96810154	96810151	96810155
125-100-	160				96810118	96810124	96810119	96810125	96810148	96810146	96810149	96810147
	200				96810130	96810130	96810131	96810131	96810152	96810152	96810153	96810153
	250				96810130	96810130	96810131	96810131	96810152	96810152	96810153	96810153
	315				96810130	96810130	96810131	96810131	96810152	96810152	96810153	96810153
	400				96810132	96810132	96810133	96810133	96810154	96810154	96810155	96810155
150-125-	200	174	154		97939252	96810130	97939253	96810131	97939254	96810152	97939255	96810153
	200	154	154		96810130	96810130	96810131	96810131	96810152	96810152	96810153	96810153
	250				96810132	96810132	96810133	96810133	96810154	96810154	96810155	96810155
	315				96810132	96810130	96810133	96810131	96810154	96810152	96810155	96810153
	400				96810132	96810132	96810133	96810133	96810154	96810154	96810155	96810155
	500				96810132	96810132	96810133	96810133	96810154	96810154	96810155	96810155
200-150-	200				97939256	96810132	97939257	96810133	97939258	96810154	97939259	96810155
	250	210	185		96887266	96810132	96887264	96810133	96887262	96810154	96887255	96810155
	250	185	185		96810132	96810132	96810133	96810133	96810154	96810154	96810155	96810155
	315.1				97739720	96887266	97739719	96887264	97739717	96887262	97739700	96887255
	315.2				97739720	96887266	97739719	96887264	97739717	96887262	97739700	96887255
	315				97739720	96887266	97739719	96887264	97739717	96887262	97739700	96887255
	400				97739720	97739720	97739719	97739719	97739717	97739717	97739700	97739700
	500				97739720	97739720	97739719	97739719	97739717	97739717	97739700	97739700
250-200-	400				-	-	-	-	-	-	-	-
	450				-	-	-	-	-	-	-	-
300-250-	350				-	-	-	-	-	-	-	-
	400				-	-	-	-	-	-	-	-
	450				-	-	-	-	-	-	-	-
	500				-	-	-	-	-	-	-	-

Impeller

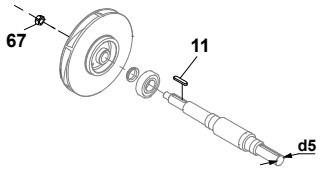
Impeller



Find the impeller in Grundfos Product Center, and contact your local sales company.

Nut, washer and key for impeller

Nut, washer and key for impeller



Material code A, B, C, D, E, F, G, H, K, M, N, P, S	Material code I, J, L, R, T, U, W
11:1 x key 67:1 x nut	11:1 x key 67:1 x nut

The material code can be found in the type designation on the nameplate.

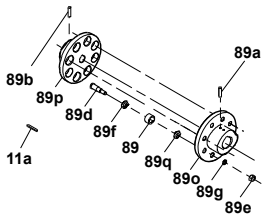
NKG	125-100-160 /160-142	H2	F3	NKE	O	2926

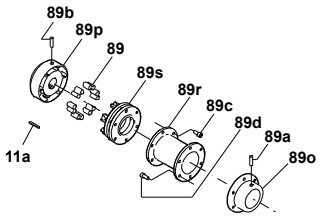
Pump type		Pump shaft dia.	Material code	
		d5	A, B, C, D, E, F, G, H, K, M, N, P, S	I, J, L, R, T, U, W
50-32-	125.1	24	*96939128*	*96939129*
	160.1	24	*96939128*	*96939129*
	200.1	24	*96939128*	*96939129*
	125	24	*96939128*	*96939129*
	160	24	*96939128*	*96939129*
	200	24	*96939128*	*96939129*
	250	32	*96939130*	*96939131*
65-50-	125	24	*96939128*	*96939129*
	160	24	*96939128*	*96939129*
65-40-	200	24	*96939128*	*96939129*
	250	32	*96939130*	*96939131*
	315	32	*96939130*	*96939131*
80-65-	125	24	*96939128*	*96939129*
	160	24	*96939128*	*96939129*
80-50-	200	24	*96939128*	*96939129*
	250	32	*96939130*	*96939131*
	315	32	*96939130*	*96939131*
100-80-	125	24	*96939128*	*96939129*
	160	32	*96939130*	*96939131*
100-65-	200	32	*96939130*	*96939131*
	250	32	*96939130*	*96939131*
	315	42	*96939132*	*96939133*

Pump type		Pump shaft dia.	Material code	
		d5	A, B, C, D, E, F, G, H, K, M, N, P, S	I, J, L, R, T, U, W
125-80-	160	32	*96939130*	*96939131*
	200	32	*96939130*	*96939131*
	250	32	*96939130*	*96939131*
	315	42	*96939132*	*96939133*
	400.1	42	*96939132*	*96939133*
	400	42	*96939132*	*96939133*
	400 [1)]	48	*96939134*	*96939135*
125-100-	160	32	*96939130*	*96939131*
	200	32	*96939130*	*96939131*
	250	42	*96939132*	*96939133*
	315	42	*96939132*	*96939133*
	400	42	*96939132*	*96939133*
150-125-	200	32	*96939130*	*96939131*
	250	42	*96939132*	*96939133*
	315	42	*96939132*	*96939133*
	400	42	*96939132*	*96939133*
	500	60	*96939137*	*96939138*
200-150-	200	32	*96939130*	*96939131*
	250	42	*96939132*	*96939133*
	315.1	48	*96939134*	*96939135*
	315.2	48	*96939134*	*96939135*
	315	48	*96939134*	*96939135*
	400	48	*96939134*	*96939135*
	500	60	*96939137*	*96939138*
250-200-	400	48	*96939134*	*96939135*
	450	48	*96939134*	*96939135*
300-250-	350	48	*96939134*	*96939135*
	400	48	*96939134*	*96939135*
	450	60	*96939137*	*96939138*
	500	60	*96939137*	*96939138*

1) For 2-pole model only

Coupling





Grundfos standard coupling			Grundfos spacer coupling	
Coupling complete	Rubber	Bolts	Coupling complete	Rubber
89o:1 x male part 89p:1 x female part 89d:1 set of bolts/rubber parts 89a:1 x hexagon screw 89b:1 x hexagon screw 11a:1 x key	89: 1 set	89d:1 set of bolts 89f:1 set of washers 89q:1 set of washers 89g:1 set of lock washers 89e:1 set of nuts 89:1 set of rubber parts	89a:1 x set screw 89b:1 x set screw 89:1 set of rubber parts 89o:1 x coupling part, male 89s:1 x spacer ring 89p:1 x coupling part, female 89r:1 x spacer sleeve 89c:1 set of hexagon screws 89d:1 set of hexagon screws 11a:1 x key	89: 1 set

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
50	32	125	2	1.1	-	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	125	2	1.5	1.5	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	125	2	2.2	2.2	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	125	2	3	3	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	125	2	-	4	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	125	2	-	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	125	4	0.25	0.25	71A	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	125	4	0.37	0.37	71B	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	125	4	-	0.55	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	125	4	-	0.75	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	160	2	2.2	-	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	160	2	3	3	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	160	2	4	4	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	160	2	5.5	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	160	2	-	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	160	2	-	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
50	32	160	4	0.25	-	71A	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	160	4	0.37	0.37	71B	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	160	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	160	4	0.75	0.75	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	160	4	-	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	200	2	4	-	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	200	2	5.5	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	200	2	7.5	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	200	2	11	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
50	32	200	2	-	15	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
50	32	200	2	-	18.5	160L	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
50	32	200	4	0.55	-	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	200	4	0.75	0.75	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	200	4	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
50	32	200	4	1.5	1.5	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	200	4	-	2.2	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	250	2	5.5	-	132S	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
50	32	250	2	7.5	-	132S	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
50	32	250	2	11	11	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
50	32	250	2	15	15	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
50	32	250	2	-	18.5	160L	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
50	32	250	2	-	22	180M	All	32	48	200	96848907	96789269	96809942	110	100	96861595	96480017
50	32	250	2	-	30	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
50	32	250	4	0.75	-	80B	All	32	19	125	96848902	96789247	96809939	95	100	96579782	96480016
50	32	250	4	1.1	1.1	90S	All	32	24	125	96848903	96789247	96809939	95	100	96579784	96480016
50	32	250	4	1.5	1.5	90L	All	32	24	125	96848903	96789247	96809939	95	100	96579784	96480016
50	32	250	4	2.2	2.2	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
50	32	250	4	-	3	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
50	32	125.1	2	0.75	-	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	125.1	2	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	125.1	2	1.5	1.5	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	125.1	2	2.2	2.2	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	125.1	2	-	3	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	125.1	2	-	4	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	125.1	4	0.25	0.25	71A	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	125.1	4	0.37	0.37	71B	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	125.1	4	-	0.55	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	160.1	2	1.5	-	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	160.1	2	2.2	2.2	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	160.1	2	3	3	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	160.1	2	4	4	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	160.1	2	-	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	160.1	2	-	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	160.1	4	0.25	-	71A	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	160.1	4	0.37	0.37	71B	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	160.1	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	160.1	4	-	0.75	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	200.1	2	3	-	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	200.1	2	4	4	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
50	32	200.1	2	5.5	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	200.1	2	7.5	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
50	32	200.1	2	-	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
50	32	200.1	4	0.37	-	71B	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
50	32	200.1	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	200.1	4	0.75	0.75	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
50	32	200.1	4	-	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
50	32	200.1	4	-	1.5	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
65	40	200	2	5.5	-	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
65	40	200	2	7.5	-	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
65	40	200	2	11	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
65	40	200	2	15	15	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
65	40	200	2	-	18.5	160L	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
65	40	200	2	-	22	180M	All	24	48	200	96848898	96789269	96809942	110	100	96579733	96480017
65	40	200	2	-	30	200L	All	24	55	200	96848899	96789269	96809942	125	100	96579763	96480018
65	40	200	4	0.75	-	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
65	40	200	4	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
65	40	200	4	1.5	1.5	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
65	40	200	4	2.2	2.2	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
65	40	200	4	-	3	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
65	40	250	2	11	-	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
65	40	250	2	15	15	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
65	40	250	2	18.5	18.5	160L	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
65	40	250	2	22	22	180M	All	32	48	200	96848907	96789269	96809942	110	100	96861595	96480017
65	40	250	2	30	30	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
65	40	250	2	-	37	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
65	40	250	2	-	45	225M	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
65	40	250	4	1.5	-	90L	All	32	24	125	96848903	96789247	96809939	95	100	96579784	96480016
65	40	250	4	2.2	2.2	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
65	40	250	4	3	3	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
65	40	250	4	-	4	112M	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
65	40	250	4	-	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
65	40	315	2	22	-	180M	All	32	48	200	96848907	96789269	96809942	110	100	96861595	96480017
65	40	315	2	30	-	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
65	40	315	2	37	37	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
65	40	315	2	45	45	225M	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
65	40	315	2	0	55	250M	All	32	60	224	96848909	96789269	96809942	140	100	96861599	96480019
65	40	315	2	0	75	280S	All	32	65	224	96848910	96789269	96809942	160	100	96861601	96480040
65	40	315	2	0	90	280M	All	32	65	224	96848910	96789269	96809942	160	100	96861601	96480040
65	40	315	4	3	-	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
65	40	315	4	4	-	112M	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
65	40	315	4	5.5	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
65	40	315	4	7.5	7.5	132S	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
65	40	315	4	-	11	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
65	50	125	2	1.5	-	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
65	50	125	2	2.2	-	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
65	50	125	2	3	3	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
65	50	125	2	4	4	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
65	50	125	2	5.5	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
65	50	125	2	-	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
65	50	125	2	-	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
65	50	125	4	0.25	-	71A	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
65	50	125	4	0.37	0.37	71B	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
65	50	125	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
65	50	125	4	-	0.75	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
65	50	125	4	-	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
65	50	160	2	4	-	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
65	50	160	2	5.5	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
65	50	160	2	7.5	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
65	50	160	2	11	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
65	50	160	2	-	15	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
65	50	160	4	0.37	0	71B	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
65	50	160	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
65	50	160	4	0.75	0.75	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
65	50	160	4	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
65	50	160	4	-	1.5	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
65	50	160	4	-	2.2	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
80	50	200	2	11	-	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
80	50	200	2	15	15	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
80	50	200	2	18.5	18.5	160L	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
80	50	200	2	22	22	180M	All	24	48	200	96848898	96789269	96809942	110	100	96579733	96480017
80	50	200	2	-	30	200L	All	24	55	200	96848899	96789269	96809942	125	100	96579763	96480018
80	50	200	2	-	37	200L	All	24	55	200	96848899	96789269	96809942	125	100	96579763	96480018
80	50	200	2	-	45	225M	All	24	55	200	96848899	96789269	96809942	125	100	96579763	96480018
80	50	200	4	1.1	-	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
80	50	200	4	1.5	-	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
80	50	200	4	2.2	2.2	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
80	50	200	4	3	3	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
80	50	200	4	-	4	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
80	50	200	4	-	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
80	50	250	2	15	-	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
80	50	250	2	18.5	-	160L	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
80	50	250	2	22	-	180M	All	32	48	200	96848907	96789269	96809942	110	100	96861595	96480017
80	50	250	2	30	30	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
80	50	250	2	37	37	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
80	50	250	2	-	45	225M	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
80	50	250	2	-	55	250M	All	32	60	224	96848909	96789269	96809942	140	100	96861599	96480019
80	50	250	2	-	75	280S	All	32	65	224	96848910	96789269	96809942	160	100	96861601	96480040
80	50	250	4	2.2	-	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
80	50	250	4	3	-	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
80	50	250	4	4	4	112M	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
80	50	250	4	-	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
80	50	250	4	-	7.5	132M	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
80	50	315	2	30	-	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
80	50	315	2	37	-	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
80	50	315	2	45	-	225M	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
80	50	315	2	55	55	250M	All	32	60	224	96848909	96789269	96809942	140	100	96861599	96480019
80	50	315	2	75	75	280S	All	32	65	224	96848910	96789269	96809942	160	100	96861601	96480040
80	50	315	2	0	90	280M	All	32	65	224	96848910	96789269	96809942	160	100	96861601	96480040
80	50	315	2	0	110	315S	All	32	65	224	96848910	96789269	96809942	160	100	96861601	96480040
80	50	315	4	4	-	112M	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
80	50	315	4	5.5	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
80	50	315	4	7.5	7.5	132M	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
80	50	315	4	11	11	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
80	50	315	4	-	15	160L	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
80	65	125	2	3	-	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
80	65	125	2	4	4	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
80	65	125	2	5.5	5.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
80	65	125	2	7.5	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
80	65	125	2	-	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
80	65	125	2	-	15	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
80	65	125	4	0.37	0	71B	All	24	14	125	96848892	96789247	96809939	95	100	96579717	96480016
80	65	125	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
80	65	125	4	0.75	0.75	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
80	65	125	4	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
80	65	125	4	-	1.5	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
80	65	160	2	5.5	-	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
80	65	160	2	7.5	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
80	65	160	2	11	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
80	65	160	2	15	15	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
80	65	160	2	-	18.5	160L	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
80	65	160	2	-	22	180M	All	24	48	200	96848898	96789269	96809942	110	100	96579733	96480017
80	65	160	4	0.55	-	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
80	65	160	4	0.75	-	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
80	65	160	4	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
80	65	160	4	1.5	1.5	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
80	65	160	4	2.2	2.2	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
80	65	160	4	-	3	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
100	65	200	2	11	-	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
100	65	200	2	15	-	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
100	65	200	2	18.5	18.5	160L	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
100	65	200	2	22	22	180M	All	32	48	200	96848907	96789269	96809942	110	140	96579803	96480017
100	65	200	2	30	30	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
100	65	200	2	37	37	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
100	65	200	2	-	45	225M	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
100	65	200	2	-	55	250M	All	32	60	224	96848909	96789269	96809942	140	140	96579805	96480019
100	65	200	4	1.5	-	90L	All	32	24	125	96848903	96789247	96809939	95	140	96579785	96480016
100	65	200	4	2.2	-	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
100	65	200	4	3	3	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
100	65	200	4	4	4	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
100	65	200	4	-	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
100	65	200	4	-	7.5	132M	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
100	65	250	2	30	-	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
100	65	250	2	37	-	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
100	65	250	2	45	45	225M	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
100	65	250	2	55	55	250M	All	32	60	224	96848909	96789269	96809942	140	140	96579805	96480019
100	65	250	2	75	75	280S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
100	65	250	2	-	90	280M	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
100	65	250	2	-	110	315S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
100	65	250	4	3	-	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
100	65	250	4	4	-	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
100	65	250	4	5.5	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
100	65	250	4	7.5	7.5	132M	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
100	65	250	4	-	11	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
100	65	250	4	-	15	160L	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
100	65	315	2	55	-	250M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
100	65	315	2	75	-	280S	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
100	65	315	2	90	90	280M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
100	65	315	2	110	110	315S	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
100	65	315	2	-	132	315M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
100	65	315	2	-	160	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
100	65	315	2	-	200	315L	All	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
100	65	315	4	5.5	-	132S	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
100	65	315	4	7.5	7.5	132M	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
100	65	315	4	11	11	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
100	65	315	4	15	15	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
100	65	315	4	-	18.5	180M	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
100	65	315	4	-	22	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
100	80	125	2	4	-	112M	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
100	80	125	2	5.5	-	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
100	80	125	2	7.5	7.5	132S	All	24	38	160	96848896	96789247	96809941	95	100	96579726	96480016
100	80	125	2	11	11	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
100	80	125	2	-	15	160M	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
100	80	125	2	-	18.5	160L	All	24	42	180	96848897	96789247	96809941	95	100	96579731	96480016
100	80	125	4	0.55	-	80A	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
100	80	125	4	0.75	-	80B	All	24	19	125	96848893	96789247	96809939	95	100	96579719	96480016
100	80	125	4	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
100	80	125	4	-	1.5	90L	All	24	24	125	96848894	96789247	96809939	95	100	96579720	96480016
100	80	125	4	-	2.2	100L	All	24	28	140	96848895	96789247	96809940	95	100	96579722	96480016
100	80	160	2	7.5	-	132S	All	32	38	160	96848905	96789247	96809941	95	100	96579789	96480016
100	80	160	2	11	11	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
100	80	160	2	15	15	160M	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
100	80	160	2	18.5	18.5	160L	All	32	42	180	96848906	96789247	96809941	95	100	96579801	96480016
100	80	160	2	-	22	180M	All	32	48	200	96848907	96789269	96809942	110	100	96861595	96480017
100	80	160	2	-	30	200L	All	32	55	200	96848908	96789269	96809942	125	100	96861597	96480018
100	80	160	4	0.75	0	80B	All	32	19	125	96848902	96789247	96809939	95	100	96579782	96480016
100	80	160	4	1.5	1.5	90L	All	32	24	125	96848903	96789247	96809939	95	100	96579784	96480016
100	80	160	4	2.2	2.2	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
100	80	160	4	-	3	100L	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
100	80	160	4	-	4	112M	All	32	28	140	96848904	96789247	96809940	95	100	96579786	96480016
125	80	160	2	11	-	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
125	80	160	2	15	-	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
125	80	160	2	18.5	-	160L	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
125	80	160	2	22	22	180M	All	32	48	200	96848907	96789269	96809942	110	140	96579803	96480017
125	80	160	2	30	30	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	80	160	2	-	37	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	80	160	2	-	45	225M	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	80	160	2	-	55	250M	All	32	60	224	96848909	96789269	96809942	140	140	96579805	96480019
125	80	160	4	1.5	-	90L	All	32	24	125	96848903	96789247	96809939	95	140	96579785	96480016
125	80	160	4	2.2	-	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	80	160	4	3	3	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	80	160	4	4	4	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	80	160	4	-	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	80	200	2	22	-	180M	All	32	48	200	96848907	96789269	96809942	110	140	96579803	96480017
125	80	200	2	30	-	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	80	200	2	37	37	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	80	200	2	45	45	225M	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	80	200	2	55	55	250M	All	32	60	224	96848909	96789269	96809942	140	140	96579805	96480019
125	80	200	2	-	75	280S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	80	200	2	-	90	280M	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	80	200	4	2.2	-	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	80	200	4	3	-	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	80	200	4	4	4	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	80	200	4	5.5	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	80	200	4	7.5	7.5	132M	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	80	200	4	-	11	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
125	80	250	2	45	-	225M	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	80	250	2	55	-	250M	All	32	60	224	96848909	96789269	96809942	140	140	96579805	96480019
125	80	250	2	75	75	280S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	80	250	2	90	90	280M	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
125	80	250	2	-	110	315S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	80	250	2	-	132	315M	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	80	250	2	-	160	315L	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	80	250	4	5.5	-	132S	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	80	250	4	7.5	7.5	132M	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	80	250	4	11	11	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
125	80	250	4	-	15	160L	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
125	80	250	4	-	18.5	180M	All	32	48	200	96848907	96789269	96809942	110	140	96579803	96480017
125	80	315	2	90	-	280M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	80	315	2	110	-	315S	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	80	315	2	132	132	315M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	80	315	2	160	160	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	80	315	2	200	200	315L	All	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
125	80	315	2	-	250	355	MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
125	80	315	2	-	250	315	MMG-G, EFF1	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
125	80	315	2	-	250	355	MMG-G, EFF2	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
125	80	315	2	-	280	315L	Siemens	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
125	80	315	4	11	-	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	80	315	4	15	-	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	80	315	4	18.5	18.5	180M	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	80	315	4	22	22	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	80	315	4	-	30	200L	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
125	80	315	4	-	37	225S	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	80	315	4	-	45	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	80	400	2	200	0	315L	All	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
125	80	400	2	250	0	315	All	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
125	80	400	2	315	0	315	All	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
125	80	400	4	18.5	-	180M	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	80	400	4	22	-	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	80	400	4	30	30	200L	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
125	80	400	4	37	37	225S	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	80	400	4	45	45	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	80	400	4	-	55	250M	Siemens, MMG-E	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	80	400	4	-	55	250S	MMG-G, EFF1 & EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
125	80	400	4	-	75	280S	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
125	80	400	4	-	75	250M	MMG-G, EFF1& EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
125	80	400	4	-	90	280M	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
125	80	400	4	-	90	280S	MMG-G, EFF1 & EFF2	42	80	250	96848922	96789274	96809943	200	140	96861626	96796255
125	80	400.1	2	132	0	315M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	80	400.1	2	160	0	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	80	400.1	2	200	0	315L	All	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
125	80	400.1	2	250	0	315	All	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
125	100	160	2	22	-	180M	All	32	48	200	96848907	96789269	96809942	110	140	96579803	96480017
125	100	160	2	30	-	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	100	160	2	37	37	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	100	160	2	-	45	225M	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	100	160	2	-	55	250M	All	32	60	224	96848909	96789269	96809942	140	140	96579805	96480019

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
125	100	160	2	-	75	280S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	100	160	4	2.2	-	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	100	160	4	3	-	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	100	160	4	4	4	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	100	160	4	-	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	100	160	4	-	7.5	132M	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	100	160	6	0.55	-	80B	All	32	19	125	96848902	96789247	96809939	95	140	96579783	96480016
125	100	160	6	0.75	-	90S	All	32	24	125	96848903	96789247	96809939	95	140	96579785	96480016
125	100	160	6	1.1	1.1	90L	All	32	24	125	96848903	96789247	96809939	95	140	96579785	96480016
125	100	160	6	-	1.5	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	100	160	6	-	2.2	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	100	200	2	30	-	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	100	200	2	37	-	200L	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	100	200	2	45	-	225M	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
125	100	200	2	55	55	250M	All	32	60	224	96848909	96789269	96809942	140	140	96579805	96480019
125	100	200	2	75	75	280S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	100	200	2	-	90	280M	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	100	200	2	-	110	315S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	100	200	2	-	132	315M	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
125	100	200	4	4	-	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	100	200	4	5.5	5.5	132S	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	100	200	4	7.5	7.5	132M	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	100	200	4	11	11	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
125	100	200	4	-	15	160L	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
125	100	200	4	-	18.5	180M	All	32	48	200	96848907	96789269	96809942	110	140	96579803	96480017
125	100	200	6	1.1	-	90L	All	32	24	125	96848903	96789247	96809939	95	140	96579785	96480016
125	100	200	6	1.5	1.5	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	100	200	6	2.2	2.2	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
125	100	200	6	3	3	132SA	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	100	200	6	-	4	132MA	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	100	200	6	-	5.5	132MB	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
125	100	250	2	55	-	250M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	100	250	2	75	-	280S	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	250	2	90	-	280M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	250	2	110	110	315S	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	250	2	132	132	315M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	250	2	-	160	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	250	2	-	200	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	250	2	-	250	355	MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
125	100	250	2	-	250	315	MMG-G, EFF1	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
125	100	250	2	-	250	355	MMG-G, EFF2	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
125	100	250	2	-	280	315L	Siemens	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
125	100	250	4	7.5	-	132M	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
125	100	250	4	11	-	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	250	4	15	15	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	250	4	18.5	18.5	180M	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	100	250	4	-	22	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	100	250	4	-	30	200L	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
125	100	250	6	2.2	-	112M	All	42	28	160	96848913	96789247	96809941	95	140	96861606	96480016
125	100	250	6	3	-	132SA	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
125	100	250	6	4	4	132MA	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
125	100	250	6	5.5	5.5	132MB	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
125	100	250	6	-	7.5	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	250	6	-	11	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	315	2	110	-	315S	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	315	2	132	-	315M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	315	2	160	-	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	315	2	200	-	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	315	4	15	-	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	315	4	18.5	-	180M	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	100	315	4	22	22	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	100	315	4	30	30	200L	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
125	100	315	4	-	37	225S	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	100	315	4	-	45	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	100	315	4	-	55	250M	Siemens, MMG-E	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	315	4	-	55	250S	MMG-G, EFF1 & EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
125	100	315	6	4	-	132MA	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
125	100	315	6	5.5	-	132MB	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
125	100	315	6	7.5	7.5	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	315	6	11	11	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	315	6	-	15	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	100	400	4	22	-	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	100	400	4	30	-	200L	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
125	100	400	4	37	37	225S	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	100	400	4	45	45	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
125	100	400	4	55	55	250M	Siemens, MMG-E	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
125	100	400	4	55	55	250S	MMG-G, EFF1 & EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
125	100	400	4	-	75	280S	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
125	100	400	4	-	75	250M	MMG-G, EFF1& EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
125	100	400	4	-	90	280M	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
125	100	400	4	-	90	280S	MMG-G, EFF1 & EFF2	42	80	250	96848922	96789274	96809943	200	140	96861626	96796255
125	100	400	6	7.5	-	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	400	6	11	11	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
125	100	400	6	15	15	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
125	100	400	6	18.5	18.5	200LA	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
125	100	400	6	-	22	200LB	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
125	100	400	6	-	30	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
150	125	200	2	45	-	225M	All	32	55	200	96848908	96789269	96809942	125	140	96579804	96480018
150	125	200	2	55	-	250M	All	32	60	224	96848909	96789269	96809942	140	140	96579805	96480019
150	125	200	2	75	75	280S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
150	125	200	2	90	90	280S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
150	125	200	2	110	110	315S	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
150	125	200	2	-	132	315M	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
150	125	200	2	-	160	315L	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
150	125	200	2	-	200	315L	All	32	65	224	96848910	96789269	96809942	160	140	96579806	96480040
150	125	200	4	5.5	-	132S	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
150	125	200	4	7.5	-	132M	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
150	125	200	4	11	11	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
150	125	200	4	15	15	160L	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
150	125	200	4	-	18.5	180M	All	32	48	200	96848907	96789269	96809942	110	140	96579803	96480017
150	125	200	4	-	22	180L	All	32	48	200	96848907	96789269	96809942	110	140	96579803	96480017
150	125	200	6	1.5	-	100L	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
150	125	200	6	2.2	-	112M	All	32	28	140	96848904	96789247	96809940	95	140	96579788	96480016
150	125	200	6	3	3	132SA	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
150	125	200	6	4	4	132MA	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
150	125	200	6	-	5.5	132MB	All	32	38	160	96848905	96789247	96809941	95	140	96579800	96480016
150	125	200	6	-	7.5	160M	All	32	42	180	96848906	96789247	96809941	95	140	96579802	96480016
150	125	250	2	90	-	280S	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	250	2	110	-	315S	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	250	2	132	-	315M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	250	2	160	160	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	250	2	200	200	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	250	2	-	250	355	MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
150	125	250	2	-	250	315	MMG-G, EFF1	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
150	125	250	2	-	250	355	MMG-G, EFF2	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
150	125	250	2	-	280	315L	Siemens	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
150	125	250	2	-	315	355	MMG-E	42	75	250	96848921	96789274	96809943	200	140	96861624	96796255
150	125	250	2	-	315	315	MMG-G, EFF1	42	70	250	96848920	96789274	96809943	200	140	96861621	96796255
150	125	250	2	-	315	355	MMG-G, EFF2	42	75	250	96848921	96789274	96809943	200	140	96861624	96796255
150	125	250	2	-	353	315L	Siemens	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
150	125	250	4	11	-	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
150	125	250	4	15	-	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
150	125	250	4	18.5	18.5	180M	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
150	125	250	4	22	22	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
150	125	250	4	30	30	200L	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
150	125	250	4	-	37	225S	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
150	125	250	4	-	45	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
150	125	250	6	3	-	132SA	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
150	125	250	6	4	-	132MA	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
150	125	250	6	5.5	5.5	132MB	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
150	125	250	6	7.5	7.5	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
150	125	250	6	-	11	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
150	125	250	6	-	15	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
150	125	315	2	132	-	315M	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	315	2	160	-	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	315	2	200	-	315L	All	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	315	2	250	-	355	MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
150	125	315	2	250	-	315	MMG-G, EFF1	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
150	125	315	2	250	-	355	MMG-G, EFF2	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
150	125	315	2	250	-	315L	Siemens	42	65	224	96848919	96789269	96809942	200	140	96861618	96796255
150	125	315	4	18.5	-	180M	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
150	125	315	4	22	-	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
150	125	315	4	30	30	200L	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
150	125	315	4	37	37	225S	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
150	125	315	4	45	45	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
150	125	315	4	-	55	250M	Siemens, MMG-E	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	315	4	-	55	250S	MMG-G, EFF1 & EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling				
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
150	125	315	4	-	75	280S	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
150	125	315	4	-	75	250M	MMG-G, EFF1& EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
150	125	315	6	5.5	-	132MB	All	42	38	160	96848914	96789247	96809941	95	140	96861607	96480016
150	125	315	6	7.5	7.5	160M	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
150	125	315	6	11	11	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
150	125	315	6	15	15	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
150	125	315	6	-	18.5	200LA	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
150	125	315	6	-	22	200LB	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
150	125	400	4	37	-	225S	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
150	125	400	4	45	-	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
150	125	400	4	55	55	250M	Siemens, MMG-E	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	400	4	55	55	250S	MMG-G, EFF1 & EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
150	125	400	4	75	75	280S	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
150	125	400	4	75	75	250M	MMG-G, EFF1& EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
150	125	400	4	90	90	280M	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
150	125	400	4	90	90	280S	MMG-G, EFF1 & EFF2	42	80	250	96848922	96789274	96809943	200	140	96861626	96796255
150	125	400	4	-	110	315S	Siemens, MMG-E	42	80	250	96848922	96789274	96809943	200	140	96861626	96796255
150	125	400	4	-	110	280M	MMG-G, EFF1 & EFF2	42	80	250	96848922	96789274	96809943	200	140	96861626	96796255
150	125	400	4	-	132	315M	Siemens, MMG-E	42	80	250	96848922	96789274	96809943	200	140	96861626	96796255
150	125	400	4	-	132	315S	MMG-G, EFF1 & EFF2	42	85	250	96848923	96789274	96809943	200	140	96861628	96796255
150	125	400	6	11	-	160L	All	42	42	180	96848915	96789247	96809941	95	140	96861609	96480016
150	125	400	6	15	-	180L	All	42	48	200	96848916	96789269	96809942	110	140	96861611	96480017
150	125	400	6	18.5	18.5	200LA	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
150	125	400	6	22	22	200LB	All	42	55	200	96848917	96789269	96809942	125	140	96861613	96480018
150	125	400	6	30	30	225M	All	42	60	224	96848918	96789269	96809942	140	140	96861615	96480019
150	125	400	6	-	37	250M	Siemens, MMG-E	42	65	224	96848919	96789269	96809942	160	140	96861617	96480040
150	125	400	6	-	37	250S	MMG-G, EFF1 & EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
150	125	400	6	-	45	280S	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	180	140	96861623	96796254
150	125	400	6	-	45	250M	MMG-G, EFF1 & EFF2	42	70	250	96848920	96789274	96809943	180	140	96861620	96796254
150	125	500	4	55	-	250M	Siemens, MMG-E	60	65	224	96848940	96789269	96809942	160	180	96861648	96480040
150	125	500	4	55	-	250S	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254
150	125	500	4	75	-	280S	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
150	125	500	4	75	-	250M	MMG-G, EFF1& EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254
150	125	500	4	90	-	280M	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
150	125	500	4	90	-	280S	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	4	110	110	315S	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
150	125	500	4	110	110	280M	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	4	132	132	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	4	132	132	315S	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
150	125	500	4	160	160	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	4	160	160	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
150	125	500	4	-	200	315L	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	4	-	200	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
150	125	500	4	-	250	315C	MMG-G, EFF1	60	95	250	96848945	96789274	96809943	225	180	96861656	96796259
150	125	500	4	-	250	355M	MMG-G, EFF2	60	95	250	96848945	96789274	96809943	225	180	96861656	96796259
150	125	500	4	-	250	355M	MMG-E	60	95	250	96848945	96789274	96809943	225	180	96861656	96796259
150	125	500	4	-	288	315L	Siemens	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
150	125	500	4	-	315	315D	MMG-G, EFF1	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
150	125	500	4	-	315	355L	MMG-G, EFF2	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
150	125	500	4	-	315	355L	MMG-E	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
150	125	500	4	-	362	315L	Siemens	60	85	250	96848944	96789274	96809943	250	180	96861655	96796260
150	125	500	6	18.5	-	200LA	All	60	55	200	96848938	96789269	96809942	140	180	96861646	96480019
150	125	500	6	22	-	200LB	All	60	55	200	96848938	96789269	96809942	140	180	96861646	96480019
150	125	500	6	30	-	225M	All	60	60	224	96848939	96789269	96809942	140	180	96861647	96480019
150	125	500	6	37	37	250M	Siemens, MMG-E	60	65	224	96848940	96789269	96809942	160	180	96861648	96480040
150	125	500	6	37	37	250S	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254
150	125	500	6	45	45	280S	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
150	125	500	6	45	45	250M	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254
150	125	500	6	55	55	280M	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
150	125	500	6	55	55	280S	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	6	-	75	315S	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	6	-	75	280M	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	6	-	90	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
150	125	500	6	-	90	315S	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
200	150	200	2	75	-	280S	All	32	65	224	96848910	96789269	96809942	160	180	96861602	96480040
200	150	200	2	90	-	280M	All	32	65	224	96848910	96789269	96809942	160	180	96861602	96480040
200	150	200	2	110	110	315S	All	32	65	224	96848910	96789269	96809942	160	180	96861602	96480040
200	150	200	2	-	132	315M	All	32	65	224	96848910	96789269	96809942	160	180	96861602	96480040
200	150	200	2	-	160	315L	All	32	65	224	96848910	96789269	96809942	160	180	96861602	96480040
200	150	200	2	-	200	315L	All	32	65	224	96848910	96789269	96809942	160	180	96861602	96480040
200	150	200	4	7.5	-	132M	All	32	38	160	96848905	96789247	96809941	110	180	96861593	96480017
200	150	200	4	11	-	160M	All	32	42	180	96848906	96789247	96809941	110	180	96861594	96480017
200	150	200	4	15	15	160L	All	32	42	180	96848906	96789247	96809941	110	180	96861594	96480017
200	150	200	4	-	18.5	180M	All	32	48	200	96848907	96789269	96809942	110	180	96861596	96480017
200	150	200	4	-	22	180L	All	32	48	200	96848907	96789269	96809942	110	180	96861596	96480017
200	150	200	6	2.2	-	112M	All	32	28	140	96848904	96789247	96809940	110	180	96861592	96480017

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
200	150	200	6	3	-	132SA	All	32	38	160	96848905	96789247	96809941	110	180	96861593	96480017
200	150	200	6	4	4	132MA	All	32	38	160	96848905	96789247	96809941	110	180	96861593	96480017
200	150	200	6	-	5.5	132MB	All	32	38	160	96848905	96789247	96809941	110	180	96861593	96480017
200	150	200	6	-	7.5	160M	All	32	42	180	96848906	96789247	96809941	110	180	96861594	96480017
200	150	250	2	132	-	315M	All	42	65	224	96848919	96789269	96809942	200	180	96861619	96796255
200	150	250	2	160	-	315L	All	42	65	224	96848919	96789269	96809942	200	180	96861619	96796255
200	150	250	2	200	-	315L	All	42	65	224	96848919	96789269	96809942	200	180	96861619	96796255
200	150	250	2	250	250	355	MMG-E	42	75	250	96848921	96789274	96809943	200	180	96861625	96796255
200	150	250	2	250	250	315	MMG-G, EFF1	42	70	250	96848920	96789274	96809943	200	180	96861622	96796255
200	150	250	2	250	250	355	MMG-G, EFF2	42	75	250	96848921	96789274	96809943	200	180	96861625	96796255
200	150	250	2	250	280	315L	Siemens	42	65	224	96848919	96789269	96809942	200	180	96861619	96796255
200	150	250	2	-	315	355	MMG-E	42	75	250	96848921	96789274	96809943	200	180	96861625	96796255
200	150	250	2	-	315	315	MMG-G, EFF1	42	70	250	96848920	96789274	96809943	200	180	96861622	96796255
200	150	250	2	-	315	355	MMG-G, EFF2	42	75	250	96848921	96789274	96809943	200	180	96861625	96796255
200	150	250	2	-	353	315L	Siemens	42	65	224	96848919	96789269	96809942	200	180	96861619	96796255
200	150	250	4	15	-	160L	All	42	42	180	96848915	96789247	96809941	110	180	96861610	96480017
200	150	250	4	18.5	-	180M	All	42	48	200	96848916	96789269	96809942	110	180	96861612	96480017
200	150	250	4	22	-	180L	All	42	48	200	96848916	96789269	96809942	110	180	96861612	96480017
200	150	250	4	30	30	200L	All	42	55	200	96848917	96789269	96809942	125	180	96861614	96480018
200	150	250	4	37	37	225S	All	42	60	224	96848918	96789269	96809942	140	180	96861616	96480019
200	150	250	4	45	45	225M	All	42	60	224	96848918	96789269	96809942	140	180	96861616	96480019
200	150	250	4	-	55	250M	Siemens, MMG-E	42	65	224	96848919	96789269	96809942	200	180	96861619	96796255
200	150	250	4	-	55	250S	MMG-G, EFF1 & EFF2	42	70	250	96848920	96789274	96809943	200	180	96861622	96796255
200	150	250	4	-	75	280S	Siemens, MMG-E	42	75	250	96848921	96789274	96809943	200	180	96861625	96796255
200	150	250	4	-	75	250M	MMG-G, EFF1& EFF2	42	70	250	96848920	96789274	96809943	200	180	96861622	96796255
200	150	250	6	5.5	-	132MB	All	42	38	160	96848914	96789247	96809941	110	180	96861608	96480017
200	150	250	6	7.5	-	160M	All	42	42	180	96848915	96789247	96809941	110	180	96861610	96480017
200	150	250	6	11	11	160L	All	42	42	180	96848915	96789247	96809941	110	180	96861610	96480017
200	150	250	6	-	15	180L	All	42	48	200	96848916	96789269	96809942	110	180	96861612	96480017
200	150	250	6	-	18.5	200LA	All	42	55	200	96848917	96789269	96809942	125	180	96861614	96480018
200	150	315	2	250	-	355	MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
200	150	315	2	250	-	315	MMG-G, EFF1	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
200	150	315	2	250	-	355	MMG-G, EFF2	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
200	150	315	2	250	-	315L	Siemens	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
200	150	315	2	315	-	355	MMG-E	48	75	250	96848932	96789274	96809943	200	180	96861639	96796255
200	150	315	2	315	-	315	MMG-G, EFF1	48	70	250	96848931	96789274	96809943	200	180	96861637	96796255
200	150	315	2	315	-	355	MMG-G, EFF2	48	75	250	96848932	96789274	96809943	200	180	96861639	96796255
200	150	315	2	315	-	315L	Siemens	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
200	150	315	2	355	-	355	MMG-G, EFF1	48	70	250	96848931	96789274	96809943	200	180	96861637	96796255
200	150	315	2	355	-	355	Siemens	48	75	250	96848932	96789274	96809943	200	180	96861639	96796255
200	150	315.1	2	355	398	355L	Siemens	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
200	150	315.1	2	355	0	355L	MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
200	150	315.1	2	355	0	355	MMG-G EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
200	150	315.1	2	315	353	315	Siemens	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
200	150	315.1	2	315	-	355	MMG-E	48	75	250	96848932	96789274	96809943	200	180	96861639	96796255
200	150	315.1	2	315	-	315	MMG-G, EFF1	48	70	250	96848931	96789274	96809943	200	180	96861637	96796255
200	150	315.1	2	315	-	355	MMG-G, EFF2	48	75	250	96848932	96789274	96809943	200	180	96861639	96796255
200	150	315.1	2	250	-	315	MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
200	150	315.1	2	250	-	315	MMG-G, EFF1	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
200	150	315.1	2	250	-	315	MMG-G, EFF2	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
200	150	315.1	2	250	-	315	Siemens	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
200	150	315.1	2	200	-	315L	All	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
200	150	315.1	2	160	-	315L	All	48	65	224	96848930	96789269	96809942	200	180	96861635	96796255
200	150	315	4	37	-	225S	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019
200	150	315	4	45	-	225M	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019
200	150	315	4	55	55	250M	Siemens, MMG-E	48	65	224	96848930	96789269	96809942	160	180	96861634	96480040
200	150	315	4	55	55	250S	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
200	150	315	4	75	75	280S	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
200	150	315	4	75	75	250M	MMG-G, EFF1& EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
200	150	315	4	90	90	280M	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
200	150	315	4	90	90	280S	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
200	150	315	4	-	110	315S	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
200	150	315	4	-	110	280M	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
200	150	315	4	-	132	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
200	150	315	4	-	132	315S	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259
200	150	315	6	11	-	160L	All	48	42	180	96848926	96789247	96809941	110	180	96861630	96480017
200	150	315	6	15	-	180L	All	48	48	200	96848927	96789269	96809942	110	180	96861631	96480017
200	150	315	6	18.5	18.5	200LA	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018
200	150	315	6	22	22	200LB	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018
200	150	315	6	30	30	225M	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019
200	150	315	6	-	37	250M	Siemens, MMG-E	48	65	224	96848930	96789269	96809942	160	180	96861634	96480040
200	150	315	6	-	37	250S	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
200	150	400	4	55	-	250M	Siemens, MMG-E	48	65	224	96848930	96789269	96809942	160	180	96861634	96480040
200	150	400	4	55	-	250S	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
200	150	400	4	75	-	280S	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
200	150	400	4	75	-	250M	MMG-G, EFF1& EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
200	150	400	4	90	90	280M	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
200	150	400	4	90	90	280S	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
200	150	400	4	110	110	315S	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
200	150	400	4	110	110	280M	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
200	150	400	4	132	132	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
200	150	400	4	132	132	315S	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259
200	150	400	4	160	160	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling				
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber	
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]			
200	150	400	4	160	160	315M	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
200	150	400	4	-	200	315L	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
200	150	400	4	-	200	315M	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
200	150	400	4	-	250	315C	MMG-G, EFF1	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
200	150	400	4	-	250	355M	MMG-G, EFF2	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
200	150	400	4	-	250	355M	MMG-E	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
200	150	400	4	-	288	315L	Siemens	48	85	250	96848934	96789274	96809943	250	180	96861642	96796260	
200	150	400	6	18.5	-	200LA	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018	
200	150	400	6	22	22	200LB	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018	
200	150	400	6	30	30	225M	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019	
200	150	400	6	37	37	250M	Siemens, MMG-E	48	65	224	96848930	96789269	96809942	160	180	96861634	96480040	
200	150	400	6	37	37	250S	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254	
200	150	400	6	45	45	280S	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
200	150	400	6	45	45	250M	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254	
200	150	400	6	-	55	280M	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
200	150	400	6	-	55	280S	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
200	150	400	6	-	75	315S	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
200	150	400	6	-	75	280M	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
200	150	500	4	132	-	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
200	150	500	4	132	-	315S	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	
200	150	500	4	160	-	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
200	150	500	4	160	-	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	
200	150	500	4	200	200	315L	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
200	150	500	4	200	200	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	
200	150	500	4	250	250	315C	MMG-G, EFF1	60	95	250	96848945	96789274	96809943	225	180	96861656	96796259	
200	150	500	4	250	250	355M	MMG-G, EFF2	60	95	250	96848945	96789274	96809943	225	180	96861656	96796259	
200	150	500	4	250	250	355M	MMG-E	60	95	250	96848945	96789274	96809943	225	180	96861656	96796259	
200	150	500	4	250	288	315L	Siemens	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	
200	150	500	4	-	315	315D	MMG-G, EFF1	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260	
200	150	500	4	-	315	355L	MMG-G, EFF2	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260	
200	150	500	4	-	315	355L	MMG-E	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260	
200	150	500	4	-	362	315L	Siemens	60	85	250	96848944	96789274	96809943	250	180	96861655	96796260	
200	150	500	6	37	-	250M	Siemens, MMG-E	60	65	224	96848940	96789269	96809942	160	180	96861648	96480040	
200	150	500	6	37	-	250S	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254	
200	150	500	6	45	-	280S	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254	
200	150	500	6	45	-	250M	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254	

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
200	150	500	6	55	55	280M	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
200	150	500	6	55	55	280S	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
200	150	500	6	75	75	315S	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
200	150	500	6	75	75	280M	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
200	150	500	6	-	90	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
200	150	500	6	-	90	315S	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
200	150	500	6	-	110	315M	Siemens	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
200	150	500	6	-	110	315L	MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
200	150	500	6	-	110	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
200	150	500	6	-	132	315L	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
200	150	500	6	-	132	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
250	200	400	4	37	-	225S	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019
250	200	400	4	45	-	225M	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019
250	200	400	4	55	55	250M	Siemens, MMG-E	48	65	224	96848930	96789269	96809942	160	180	96861634	96480040
250	200	400	4	55	55	250SC	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
250	200	400	4	75	75	280S	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
250	200	400	4	75	75	250MC	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
250	200	400	4	90	90	280M	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254
250	200	400	4	90	90	280S	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
250	200	400	4	110	110	315S	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
250	200	400	4	110	110	280M	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
250	200	400	4	132	132	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
250	200	400	4	132	132	315S	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259
250	200	400	4	-	160	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
250	200	400	4	-	160	315M	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259
250	200	400	4	-	200	315L	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255
250	200	400	4	-	200	315M	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259
250	200	400	6	15	-	180L	All	48	48	200	96848927	96789269	96809942	110	180	96861631	96480017
250	200	400	6	18.5	-	200L	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018
250	200	400	6	22	22	200L	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018
250	200	400	6	30	30	225M	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019
250	200	400	6	37	37	250M	Siemens, MMG-E	48	65	224	96848930	96789269	96809942	160	180	96861634	96480040
250	200	400	6	37	37	250S	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254
250	200	400	6	-	45	280S	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254

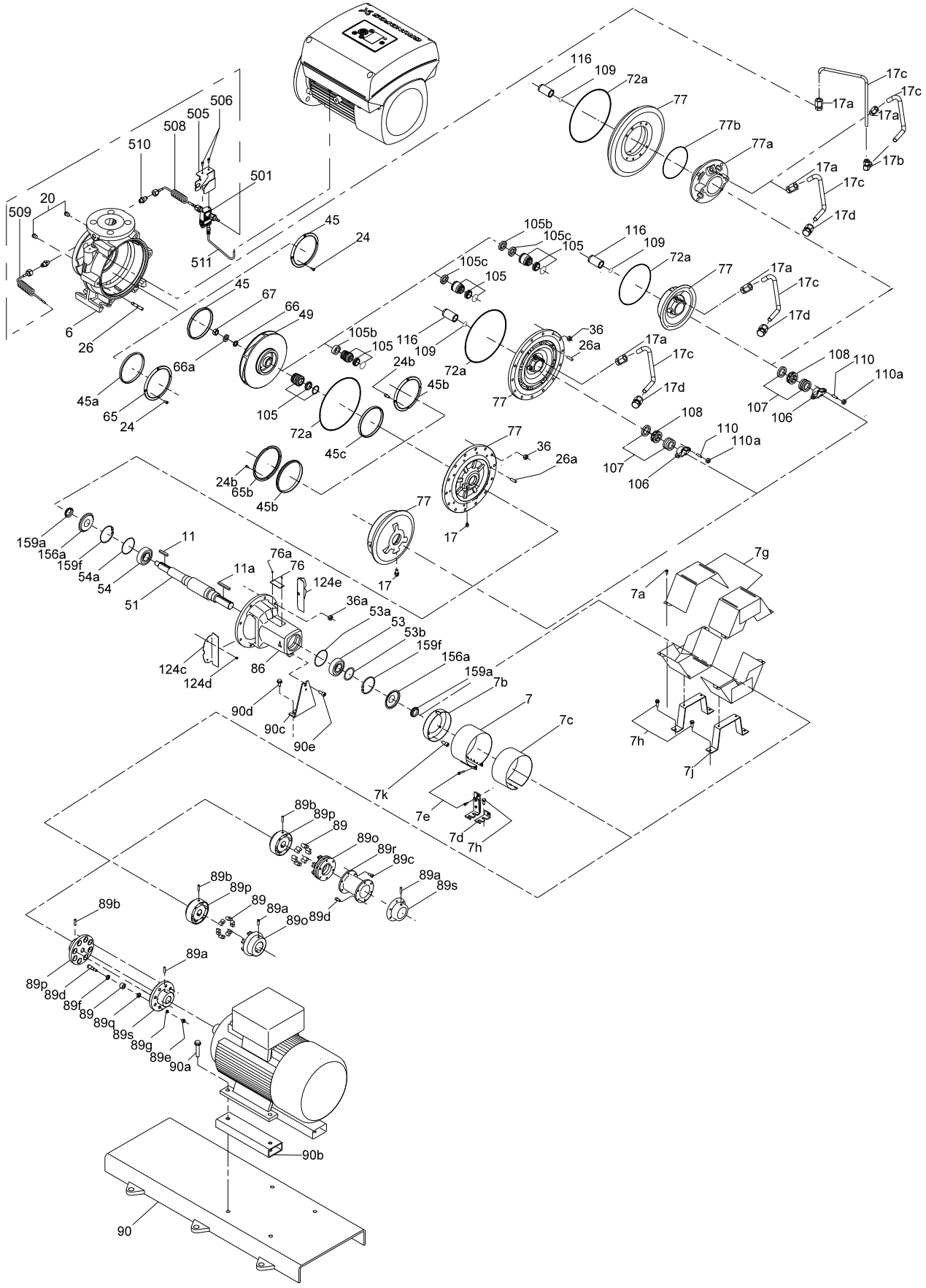
Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling				
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber	
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]			
250	200	400	6	-	45	250M	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254	
250	200	400	6	-	55	280M	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
250	200	400	6	-	55	280S	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	4	75	75	280S	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
250	200	450	4	75	75	250MC	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254	
250	200	450	4	90	90	280M	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
250	200	450	4	90	90	280S	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	4	110	110	315S	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	4	110	110	280M	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	4	132	132	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	4	132	132	315S	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
250	200	450	4	160	160	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	4	160	160	315M	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
250	200	450	4	-	200	315L	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	4	-	200	315M	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
250	200	450	4	-	288	315L	Siemens	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
250	200	450	4	-	250	355M	MMG-E	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
250	200	450	4	-	250	315C	MMG-G, EFF1	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
250	200	450	4	-	250	355M	MMG-G, EFF2	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
250	200	450	6	18.5	-	200L	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018	
250	200	450	6	22	-	200L	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018	
250	200	450	6	30	-	225M	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019	
250	200	450	6	37	37	250M	Siemens, MMG-E	48	65	224	96848930	96789269	96809942	160	180	96861634	96480040	
250	200	450	6	37	37	250S	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254	
250	200	450	6	45	45	280S	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
250	200	450	6	45	45	250M	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254	
250	200	450	6	-	55	280M	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
250	200	450	6	-	55	280S	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	6	-	75	315S	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	6	-	75	280M	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	6	-	90	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
250	200	450	6	-	90	315S	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
300	250	350	4	37	-	225S	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019	
300	250	350	4	45	-	225M	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019	

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
300	250	350	4	55	-	250M	Siemens, MMG-E	48	65	224	*96848930*	*96789269*	*96809942*	160	180	*96861634*	*96480040*
300	250	350	4	55	-	250SC	MMG-G, EFF1 & EFF2	48	70	250	*96848931*	*96789274*	*96809943*	180	180	*96861636*	*96796254*
300	250	350	4	75	75	280S	Siemens, MMG-E	48	75	250	*96848932*	*96789274*	*96809943*	180	180	*96861638*	*96796254*
300	250	350	4	75	75	250MC	MMG-G, EFF1 & EFF2	48	70	250	*96848931*	*96789274*	*96809943*	180	180	*96861636*	*96796254*
300	250	350	4	90	90	280M	Siemens, MMG-E	48	75	250	*96848932*	*96789274*	*96809943*	180	180	*96861638*	*96796254*
300	250	350	4	90	90	280S	MMG-G, EFF1 & EFF2	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	350	4	-	110	315S	Siemens, MMG-E	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	350	4	-	110	280M	MMG-G, EFF1 & EFF2	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	350	4	-	132	315M	Siemens, MMG-E	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	350	4	-	132	315S	MMG-G, EFF1 & EFF2	48	85	250	*96848934*	*96789274*	*96809943*	225	180	*96861641*	*96796259*
300	250	350	6	11	-	160L	All	48	42	0	*0*	*0*	*0*	0	180	*0*	*0*
300	250	350	6	15	-	180L	All	48	48	200	*96848927*	*96789269*	*96809942*	110	180	*96861631*	*96480017*
300	250	350	6	18.5	-	200L	All	48	55	200	*96848928*	*96789269*	*96809942*	125	180	*96861632*	*96480018*
300	250	350	6	22	22	200L	All	48	55	200	*96848928*	*96789269*	*96809942*	125	180	*96861632*	*96480018*
300	250	350	6	-	30	225M	All	48	60	224	*96848929*	*96789269*	*96809942*	140	180	*96861633*	*96480019*
300	250	350	6	-	37	250M	Siemens, MMG-E	48	65	224	*96848930*	*96789269*	*96809942*	160	180	*96861634*	*96480040*
300	250	350	6	-	37	250S	MMG-G, EFF1 & EFF2	48	70	250	*96848931*	*96789274*	*96809943*	180	180	*96861636*	*96796254*
300	250	350	6	-	45	280S	Siemens, MMG-E	48	75	250	*96848932*	*96789274*	*96809943*	180	180	*96861638*	*96796254*
300	250	350	6	-	45	250M	MMG-G, EFF1 & EFF2	48	70	250	*96848931*	*96789274*	*96809943*	180	180	*96861636*	*96796254*
300	250	400	4	45	-	225M	All	48	60	224	*96848929*	*96789269*	*96809942*	140	180	*96861633*	*96480019*
300	250	400	4	55	-	250M	Siemens, MMG-E	48	65	224	*96848930*	*96789269*	*96809942*	160	180	*96861634*	*96480040*
300	250	400	4	55	-	250SC	MMG-G, EFF1 & EFF2	48	70	250	*96848931*	*96789274*	*96809943*	180	180	*96861636*	*96796254*
300	250	400	4	75	75	280S	Siemens, MMG-E	48	75	250	*96848932*	*96789274*	*96809943*	180	180	*96861638*	*96796254*
300	250	400	4	75	75	250MC	MMG-G, EFF1 & EFF2	48	70	250	*96848931*	*96789274*	*96809943*	180	180	*96861636*	*96796254*
300	250	400	4	90	90	280M	Siemens, MMG-E	48	75	250	*96848932*	*96789274*	*96809943*	180	180	*96861638*	*96796254*
300	250	400	4	90	90	280S	MMG-G, EFF1 & EFF2	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	400	4	110	110	315S	Siemens, MMG-E	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	400	4	110	110	280M	MMG-G, EFF1 & EFF2	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	400	4	132	132	315M	Siemens, MMG-E	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	400	4	132	132	315S	MMG-G, EFF1 & EFF2	48	85	250	*96848934*	*96789274*	*96809943*	225	180	*96861641*	*96796259*
300	250	400	4	160	160	315M	Siemens, MMG-E	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*
300	250	400	4	160	160	315M	MMG-G, EFF1 & EFF2	48	85	250	*96848934*	*96789274*	*96809943*	225	180	*96861641*	*96796259*
300	250	400	4	-	200	315L	Siemens, MMG-E	48	80	250	*96848933*	*96789274*	*96809943*	200	180	*96861640*	*96796255*

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling				
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber	
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]			
300	250	400	4	-	200	315M	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
300	250	400	4	-	288	315L	Siemens	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
300	250	400	4	-	250	355M	MMG-E	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
300	250	400	4	-	250	315C	MMG-G, EFF1	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
300	250	400	4	-	250	355M	MMG-G, EFF2	48	95	250	96848935	96789274	96809943	250	180	96861643	96796260	
300	250	400	6	15	-	180L	All	48	48	200	96848927	96789269	96809942	110	180	96861631	96480017	
300	250	400	6	18.5	-	200L	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018	
300	250	400	6	22	-	200L	All	48	55	200	96848928	96789269	96809942	125	180	96861632	96480018	
300	250	400	6	30	-	225M	All	48	60	224	96848929	96789269	96809942	140	180	96861633	96480019	
300	250	400	6	37	37	250M	Siemens, MMG-E	48	65	224	96848930	96789269	96809942	160	180	96861634	96480040	
300	250	400	6	37	37	250S	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254	
300	250	400	6	45	45	280S	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
300	250	400	6	45	45	250M	MMG-G, EFF1 & EFF2	48	70	250	96848931	96789274	96809943	180	180	96861636	96796254	
300	250	400	6	-	55	280M	Siemens, MMG-E	48	75	250	96848932	96789274	96809943	180	180	96861638	96796254	
300	250	400	6	-	55	280S	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
300	250	400	6	-	75	315S	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
300	250	400	6	-	75	280M	MMG-G, EFF1 & EFF2	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
300	250	400	6	-	90	315M	Siemens, MMG-E	48	80	250	96848933	96789274	96809943	200	180	96861640	96796255	
300	250	400	6	-	90	315S	MMG-G, EFF1 & EFF2	48	85	250	96848934	96789274	96809943	225	180	96861641	96796259	
300	250	450	4	75	-	280S	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254	
300	250	450	4	75	-	250M	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254	
300	250	450	4	90	-	280M	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254	
300	250	450	4	90	-	280S	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
300	250	450	4	110	110	315S	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
300	250	450	4	110	110	280M	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
300	250	450	4	132	132	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
300	250	450	4	132	132	315S	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	
300	250	450	4	160	160	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
300	250	450	4	160	160	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	
300	250	450	4	200	200	315L	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255	
300	250	450	4	200	200	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	
300	250	450	4	-	288	315L	Siemens	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	
300	250	450	4	-	250	355M	MMG-E	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260	
300	250	450	4	-	250	315C	MMG-G, EFF1	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260	
300	250	450	4	-	250	355M	MMG-G, EFF2	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260	
300	250	450	4	-	362	315L	Siemens	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259	

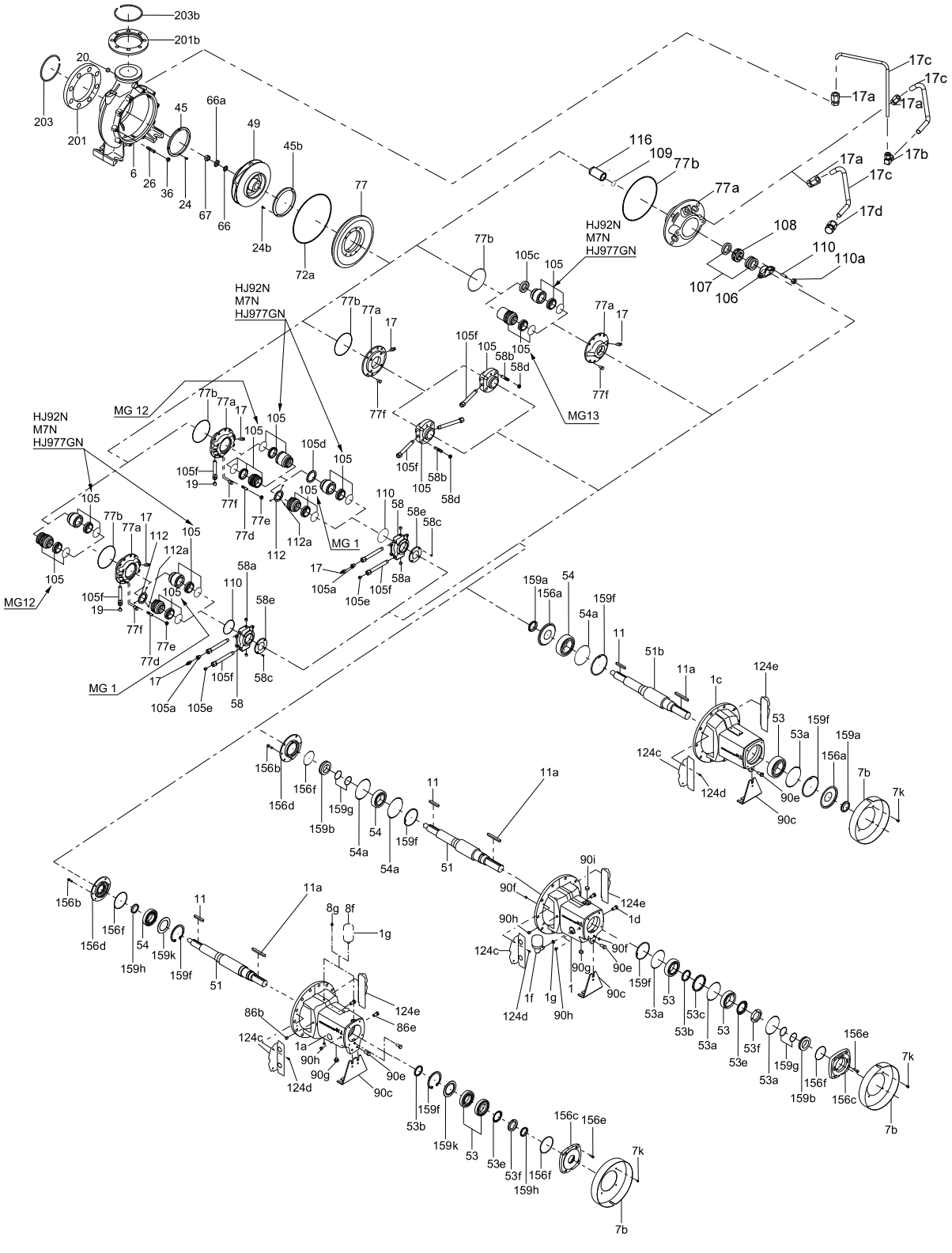
Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
300	250	450	4	-	315	355L	MMG-E	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	450	4	-	315	315D	MMG-G, EFF1	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	450	4	-	315	355L	MMG-G, EFF2	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	450	6	18.5	-	200L	All	60	55	200	96848938	96789269	96809942	140	180	96861646	96480019
300	250	450	6	22	-	200L	All	60	55	200	96848938	96789269	96809942	140	180	96861646	96480019
300	250	450	6	30	-	225M	All	60	60	224	96848939	96789269	96809942	140	180	96861647	96480019
300	250	450	6	37	37	250M	Siemens, MMG-E	60	65	224	96848940	96789269	96809942	160	180	96861648	96480040
300	250	450	6	37	37	250S	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254
300	250	450	6	45	45	280S	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
300	250	450	6	45	45	250M	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254
300	250	450	6	55	55	280M	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
300	250	450	6	55	55	280S	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	450	6	-	75	315S	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	450	6	-	75	280M	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	450	6	-	90	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	450	6	-	90	315S	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
300	250	450	6	-	110	315M	Siemens	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	450	6	-	110	315L	MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	450	6	-	110	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
300	250	500	4	160	-	315M	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	500	4	160	-	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
300	250	500	4	200	-	315L	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	500	4	200	-	315M	MMG-G, EFF1 & EFF2	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
300	250	500	4	250	-	315L	Siemens	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
300	250	500	4	250	-	355M	MMG-E	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	500	4	250	-	315C	MMG-G, EFF1	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	500	4	250	-	355M	MMG-G, EFF2	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	500	4	315	-	315L	Siemens	60	85	250	96848944	96789274	96809943	225	180	96861654	96796259
300	250	500	4	315	-	355L	MMG-E	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	500	4	315	-	315D	MMG-G, EFF1	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	500	4	315	-	355L	MMG-G, EFF2	60	95	250	96848945	96789274	96809943	250	180	96861657	96796260
300	250	500	6	45	-	280S	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
300	250	500	6	45	-	250M	MMG-G, EFF1 & EFF2	60	70	250	96848941	96789274	96809943	180	180	96861650	96796254
300	250	500	6	55	-	280M	Siemens, MMG-E	60	75	250	96848942	96789274	96809943	180	180	96861651	96796254
300	250	500	6	55	-	280S	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	500	6	75	75	315S	Siemens, MMG-E	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255
300	250	500	6	75	75	280M	MMG-G, EFF1 & EFF2	60	80	250	96848943	96789274	96809943	200	180	96861653	96796255

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Grundfos spacer coupling			
			Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
				50 Hz	60 Hz			[mm]	[mm]	[mm]				[mm]	[mm]		
300	250	500	6	90	90	315M	Siemens, MMG-E	60	80	250	*96848943*	*96789274*	*96809943*	200	180	*96861653*	*96796255*
300	250	500	6	90	90	315S	MMG-G, EFF1 & EFF2	60	85	250	*96848943*	*96789274*	*96809943*	200	180	*96861653*	*96796255*
300	250	500	6	-	110	315M	Siemens	60	80	250	*96848943*	*96789274*	*96809943*	200	180	*96861653*	*96796255*
300	250	500	6	-	110	315L	MMG-E	60	80	250	*96848943*	*96789274*	*96809943*	200	180	*96861653*	*96796255*
300	250	500	6	-	110	315M	MMG-G, EFF1 & EFF2	60	85	250	*96848944*	*96789274*	*96809943*	225	180	*96861654*	*96796259*
300	250	500	6	-	132	315L	Siemens, MMG-E	60	80	250	*96848943*	*96789274*	*96809943*	200	180	*96861653*	*96796255*
300	250	500	6	-	132	315M	MMG-G, EFF1 & EFF2	60	85	250	*96848944*	*96789274*	*96809943*	225	180	*96861654*	*96796259*
300	250	500	6	-	160	315L	Siemens	60	80	250	*96848943*	*96789274*	*96809943*	200	180	*96861653*	*96796255*
300	250	500	6	-	160	355M	MMG-E	60	95	250	*96848945*	*96789274*	*96809943*	250	180	*96861657*	*96796260*
300	250	500	6	-	160	315C	MMG-G, EFF1	60	95	250	*96848945*	*96789274*	*96809943*	250	180	*96861657*	*96796260*



TM034895

Exploded view



TM049572

Exploded view, NKG single and double mechanical seal, stuffing box, oil-lubricated and grease-lubricated bearing bracket

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