

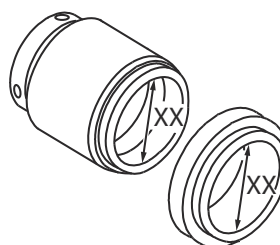
57. NKG

Model B

50/60 Hz

Contents of this chapter

Kit type	Page
Shaft seal	781
Spacer ring for shaft seal	788
O-ring	790
Stuffing box, shaft sleeve and gland	795
Shaft	798
Bearings, spacer ring, V-ring and oil ring	802
Wear ring	804
Impeller	806
Nut, washer and key for impeller	806
Coupling	807



Shaft seal

MG1

MG12

MG13/RMG13

HJ92N/HJ977

M7N

CARTEX



Fig. 7 Shaft seal designs

Content

Pos.	Description	BAQE	BAQV	BQQE	BQQV	BBQE	BBQV	GQQE	GQQV	DAQF
105	Shaft seal	1	1	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	MG13S 50/XX-G6	MG13S 50/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	Q1Q1E GG	Q1Q1V GG	AQ1V9 GG
		Material code: L, R								
		AQ1E MM	AQ1V MM	Q1Q1E MM	Q1Q1V MM	BQ1E MM	BQ1V MM	Q1Q1E MM	Q1Q1V 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	Q6Q6X4M M	Q6Q6K23 MM	Q1Q1E MM	Q1Q1X4M M	Q1Q1K23 MM	Q1Q1V MM	Q1AE MM	Q1AV MM

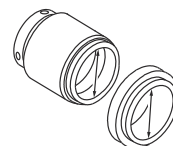
Pos.	Description	HBQV	HBQV/HBQV	HQQU/HBQV
105	Shaft seal	1	1	1
Burgmann specification	Type	CARTEX-SN/48-	CARTEX-DN/48-	CARTEX-DN/48-
	Material	Material code: A, B, C, D, E, F, G, H, I, J, K, M, N, P, S, T, U, W		
		BQ1V GG	BQ1V GG/BQ1V GG	Q1Q1U GG/BQ1V GG
		Material code: L, R		
		-	-	-

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.



Shaft seal diameter

Example NKG 125-100-160 /160-142 H2 F 3 **N** KE O 2926

Pump type	Shaft seal dia.	BAQE		BAQV		BQQE			BQQV			BQQV ²⁾
		MG1	MG13	MG1	MG13	MG1	MG12	MG13	MG1	MG12	MG13	MG13
50-32-	125.1 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	160.1 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	200.1 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	125 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	160 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	200 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
65-50-	250 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	125 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
65-40-	160 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	200 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
80-65-	250 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	315 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	125 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
80-50-	160 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	200 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	250 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
100-80-	315 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	125 28	97904582	96488302	97904583	96548353	97904585	97904589	98434904	97904586	97904591	98434905	98670789
	160 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
100-65-	200 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	315 48	97685469	96306472	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
125-80-	160 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	200 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	315 48	97685469	96306472	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	400.1 48	97685469	96306472	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	400 48	97685469	96306472	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
125-100-	400 ¹⁾ 55	-	96306475	-	96658801	-	-	98434943	-	-	98434944	98670802
	160 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	200 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250 48	97685469	96306472	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	315 48	97685469	96306472	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	400 48	97685469	96306472	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
150-125-	500 60	97685550	96658812	97685554	96658815	97685530	97685567	98434945	97685545	97685572	98434947	98670803
	200 38	97904617	96537605	97904618	96548357	97904619	97904623	98434906	97904620	97904624	98434908	98670790
	250 48	97685469	96306472	97685472	96658791	97685475	97685485	98434909	97685477	97685486	98434941	98670801
	315.1 55	97685548	96306475	97685552	96658801	97685528	97685565	98434943	97685542	97685570	98434944	98670802
	315.2 55	97685548	96306475	97685552	96658801	97685528	97685565	98434943	97685542	97685570	98434944	98670802
	315 55	97685548	96306475	97685552	96658801	97685528	97685565	98434943	97685542	97685570	98434944	98670802
200-150-	400 55	97685548	96306475	97685552	96658801	97685528	97685565	98434943	97685542	97685570	98434944	98670802
	500 60	97685550	96658812	97685554	96658815	97685530	97685567	98434945	97685545	97685572	98434947	98670803
	400 55	-	96306475	-	96658801	-	-	98434943	-	-	98434944	98670802
	450 55	-	96306475	-	96658801	-	-	98434943	-	-	98434944	98670802
	350 55	-	96306475	-	96658801	-	-	98434943	-	-	98434944	98670802
	400 55	-	96306475	-	96658801	-	-	98434943	-	-	98434944	98670802
300-250-	450 60	-	96658812	-	96658815	-	-	98434945	-	-	98434947	98670803
	500 60	-	96658812	-	96658815	-	-	98434945	-	-	98434947	98670803

Content, see page 780.

¹⁾ For 2-pole model only.²⁾ PWIS-free shaft seal.

Pump type	Shaft seal dia.	BBQE			BBQV			BQBE	GQQE	GQQV
		MG1	MG12	MG13	MG1	MG12	MG13	RMG13	MG13S	MG13S
50-32-	125.1 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
	160.1 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
	200.1 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
	125 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
	160 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
	200 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
65-50-	250 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
	125 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
65-40-	160 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
	200 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
80-65-	250 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
	315 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
80-50-	125 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
	160 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
100-80-	200 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
	250 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
100-65-	315 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
	125 28	97904587	97904592	96551963	97904588	97904593	97769885	96548351	96488303	96504870
125-80-	160 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
	200 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
125-100-	250 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
	315 48	97685480	97685490	96658794	97685481	97685492	97769889	-	96306474	96658793
150-125-	160 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
	200 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
200-150-	250 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
	315 48	97685480	97685490	96658794	97685481	97685492	97769889	-	96306474	96658793
250-200-	400.1 48	97685480	97685490	96658794	97685481	97685492	97769889	-	96306474	96658793
	400 48	97685480	97685490	96658794	97685481	97685492	97769889	-	96306474	96658793
300-250-	400 ¹⁾ 55	-	-	96658804	-	-	97769891	-	96306477	96658803
	160 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
200-150-	200 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
	250 48	97685480	97685490	96658794	97685481	97685492	97769889	-	96306474	96658793
250-200-	315 48	97685480	97685490	96658794	97685481	97685492	97769889	-	96306474	96658793
	400 48	97685480	97685490	96658794	97685481	97685492	97769889	-	96306474	96658793
300-250-	500 60	97685520	97685558	96658818	97685524	97685563	97769893	-	96658814	96658817
	200 38	97904621	97904625	96551928	97904622	97904626	97769887	96548356	96537606	96537608
200-150-	250 48	97685480	97685490	96658794	97685481	97685492	97769889	-	96306474	96658793
	315.1 55	97685525	97685556	96658804	97685522	97685560	97769891	-	96306477	96658803
250-200-	315.2 55	97685525	97685556	96658804	97685522	97685560	97769891	-	96306477	96658803
	315 55	97685525	97685556	96658804	97685522	97685560	97769891	-	96306477	96658803
300-250-	400 55	97685525	97685556	96658804	97685522	97685560	97769891	-	96306477	96658803
	500 60	97685520	97685558	96658818	97685524	97685563	97769893	-	96658814	96658817
250-200-	400 55	-	-	96658804	-	-	97769891	-	96306477	96658803
	450 55	-	-	96658804	-	-	97769891	-	96306477	96658803
300-250-	350 55	-	-	96658804	-	-	97769891	-	96306477	96658803
	400 55	-	-	96658804	-	-	97769891	-	96306477	96658803
300-250-	450 60	-	-	96658818	-	-	97769893	-	96658814	96658817
	500 60	-	-	96658818	-	-	97769893	-	96658814	96658817

Content, see page 780.

¹⁾ 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 ¹⁾ 55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
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
250-200-	500 60	96658820	97685598	97685610	97685602	97685606	96658823	97685590
	400 55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	450 55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
	350 55	96658807	97685596	97685608	97685600	97685604	96658810	97685588
300-250-	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

Content, see page 780.

¹⁾ 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
65-50-	250 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	125 28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
65-40-	160 28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	200 28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
80-65-	250 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	315 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
80-50-	125 28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	160 28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
100-80-	200 28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
	250 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
100-65-	315 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	125 28	96551967	97769903	96551964	96551966	97904597	97904598	97904599
125-80-	160 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	200 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
125-100-	250 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	315 48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
150-125-	160 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	200 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
200-150-	250 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	315 48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
250-200-	400 48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
	500 60	96658824	97685586	96658821	96658822	97685461	97685466	97685467
300-250-	200 38	96551962	97769905	96551929	96551961	97904629	97904630	97904631
	250 48	96658800	97685501	96658797	96658798	97685458	97685462	97685463
350-300-	315.1 55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
	315.2 55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
400-350-	315 55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
	400 55	96658811	97685584	96658808	96658809	97685460	97685464	97685465
450-400-	500 60	96658824	97685586	96658821	96658822	97685461	97685466	97685467
	400 55	96658811	97685584	96658808	96658809	-	-	-
500-450-	450 55	96658811	97685584	96658808	96658809	-	-	-
	350 55	96658811	97685584	96658808	96658809	-	-	-
550-500-	400 55	96658811	97685584	96658808	96658809	-	-	-
	450 60	96658824	97685586	96658821	96658822	-	-	-
600-550-	500 60	96658824	97685586	96658821	96658822	-	-	-

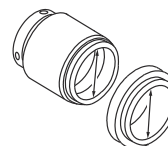
Content, see page 780.

¹⁾ For 2-pole model only.

Shaft seal

Material code: L, R

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



Shaft seal diameter

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

Pump type	Shaft seal dia.	BAQE		BAQV		BQQE			BQQV			BQQV ²⁾
		MG1	MG13	MG1	MG13	MG1	MG12	MG13	MG1	MG12	MG13	MG13
50-32-	125.1 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	160.1 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	200.1 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	125 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	160 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	200 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
65-50-	250 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	125 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
65-40-	160 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	200 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
80-65-	250 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	315 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	125 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
80-50-	160 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
	200 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
100-80-	250 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	315 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	125 28	97904601	96658825	97904602	96658827	97904603	97904608	96658826	97904604	97904609	96658828	98670804
100-65-	160 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	200 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	250 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
125-80-	315 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	400.1 48	-	96658857	-	96658860	-	-	96658858	-	-	96658861	98670806
	400 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	400 ¹⁾ 55	97685549	97769919	97685553	97769921	97685529	97685566	97769927	97685544	97685571	97769929	98670807
	160 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	200 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
125-100-	250 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	315 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	400 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	200 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	250 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	315 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
150-125-	400 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	500 60	97685551	97769920	97685555	97769922	97685541	97685569	97769928	97685546	97685573	97769930	98670808
	200 38	97904633	96658836	97904634	96658838	97904635	97904640	96658837	97904637	97904641	96658839	98670805
	250 48	97685473	96658857	97685474	96658860	97685478	97685487	96658858	97685479	97685489	96658861	98670806
	315.1 55	97685549	97769919	97685553	97769921	97685529	97685566	97769927	97685544	97685571	97769929	98670807
	315.2 55	97685549	97769919	97685553	97769921	97685529	97685566	97769927	97685544	97685571	97769929	98670807
200-150-	315 55	97685549	97769919	97685553	97769921	97685529	97685566	97769927	97685544	97685571	97769929	98670807
	400 55	97685549	97769919	97685553	97769921	97685529	97685566	97769927	97685544	97685571	97769929	98670807
	500 60	97685551	97769920	97685555	97769922	97685541	97685569	97769928	97685546	97685573	97769930	98670808
	400 55	-	-	-	-	-	-	-	-	-	-	-
	450 55	-	-	-	-	-	-	-	-	-	-	-
	350 55	-	-	-	-	-	-	-	-	-	-	-
300-250-	400 55	-	-	-	-	-	-	-	-	-	-	-
	450 60	-	-	-	-	-	-	-	-	-	-	-
	500 60	-	-	-	-	-	-	-	-	-	-	-

Content, see page 780.

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
	160 38	97904638	97904642	96658850	97904639	97904643	97769888	96658851	-	-	96658852
125-80-	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 ¹⁾ 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
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
250-200-	500 60	97685521	97685559	97769932	97685527	97685564	97769894	-	-	-	97536595
	400 55	-	-	-	-	-	-	-	-	-	-
	450 55	-	-	-	-	-	-	-	-	-	-
	350 55	-	-	-	-	-	-	-	-	-	-
300-250-	400 55	-	-	-	-	-	-	-	-	-	-
	450 60	-	-	-	-	-	-	-	-	-	-
	500 60	-	-	-	-	-	-	-	-	-	-

Content, see page 780.

¹⁾ 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
80-65-	315 38	97769898	97769914	97769902	97769910	96658855	97769918	96658856	97769906	96658853	96658854
	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 ¹⁾ 55	97685597	97685609	97685601	97685605	97536543	97685589	97536544	97685585	97769923	97769925
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
250-200-	500 60	97685599	97685611	97685603	97685607	97536585	97685591	97536586	97685587	97769924	97769926
	400 55	-	-	-	-	-	-	-	-	-	-
	450 55	-	-	-	-	-	-	-	-	-	-
	350 55	-	-	-	-	-	-	-	-	-	-
	400 55	-	-	-	-	-	-	-	-	-	-
300-250-	450 60	-	-	-	-	-	-	-	-	-	-
	500 60	-	-	-	-	-	-	-	-	-	-

Content, see page 780.

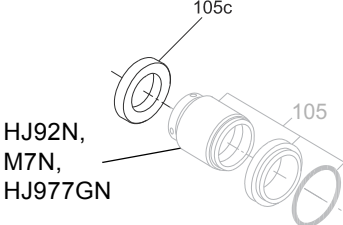
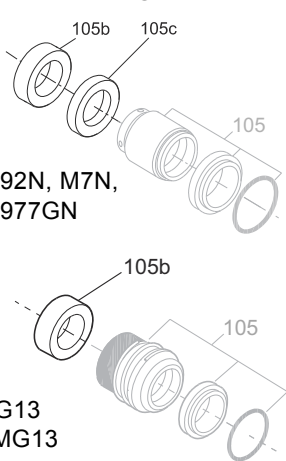
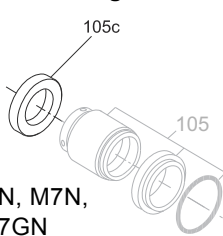
¹⁾ For 2-pole model only.

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	38 mm	
 HJ92N, M7N, HJ977GN	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
	28		7.5	96938597	96938598
	38		10	96938599	96938600
105c	48		15	96938602	96938603
	55		22.5	96938604	96938605
	60		17.5	96938606	96938607
105b and 1050c	38		15.5	96930797	96930799
			10		

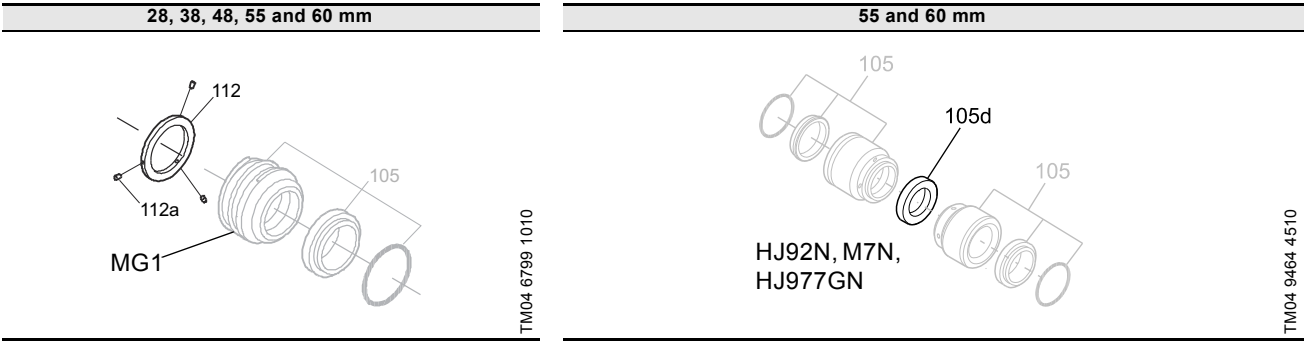
38 mm spacer ring			
Pump type	Shaft seal dia.	Design	
50-32-	125.1	28	-
	160.1	28	-
	200.1	28	-
	125	28	-
	160	28	-
	200	28	-
	250	38	2
65-50-	125	28	-
	160	28	-
65-40-	200	28	-
	250	38	2
80-65-	125	28	-
	160	28	-
80-50-	200	28	-
	250	38	2
100-80-	125	28	-
	160	38	2
100-65-	200	38	2
	250	38	1
125-80-	315	48	-
	160	38	2
	200	38	1
	250	38	1
	315	48	-
	400	48	-

38 mm spacer ring			
Pump type	Shaft seal dia.	Design	
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	-
200-150-	500	60	-
	200	38	1
	250	48	-
	315.1	48/55	-
250-200-	315.2	48/55	-
	315	55	-
	400	55	-
	500	60	-
300-250-	400	48	-
	450	48	-
	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** 926
P

(pos. 105d, 112 and 112a)



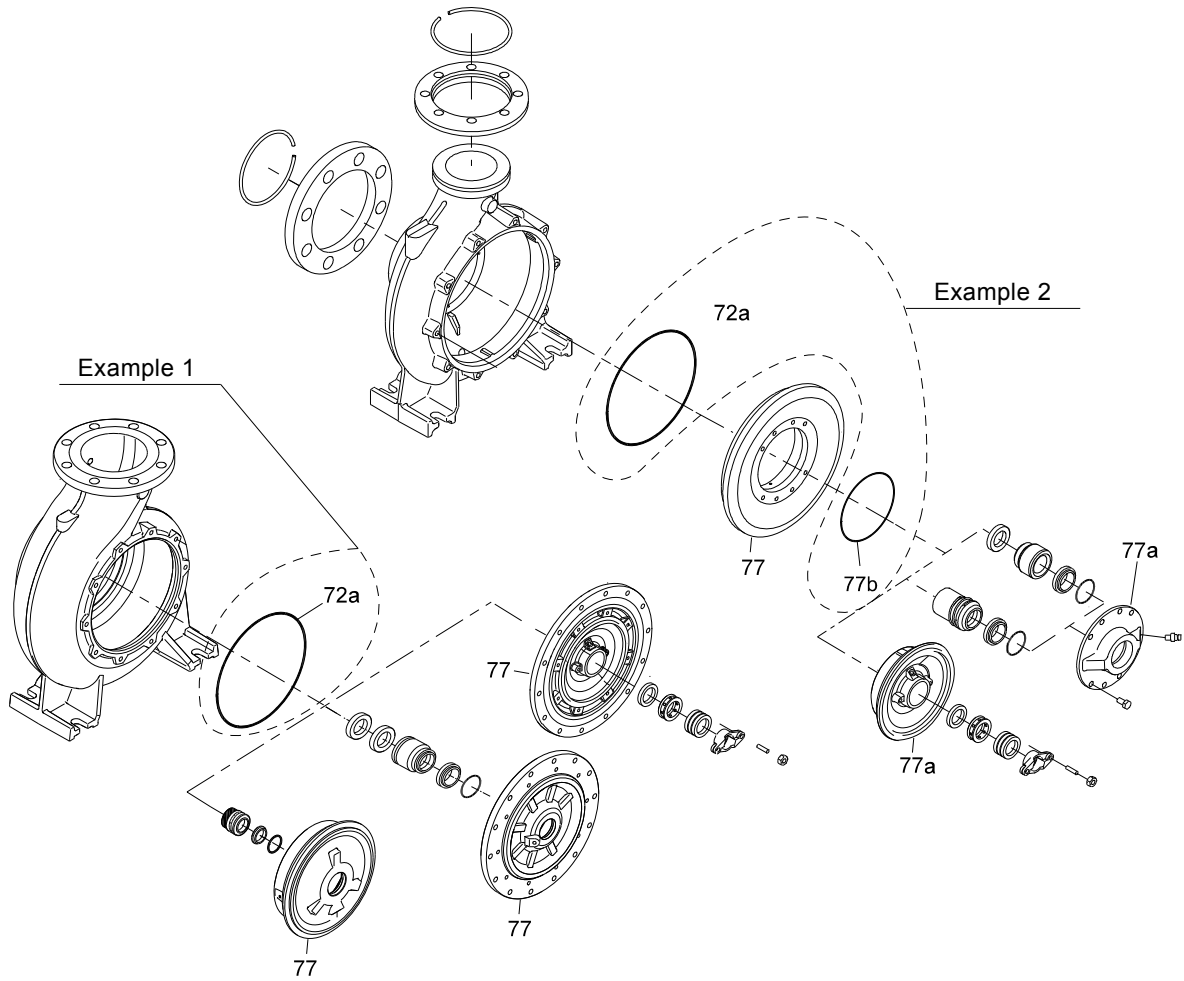
Spacer ring

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



TM04 6803 0815

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).

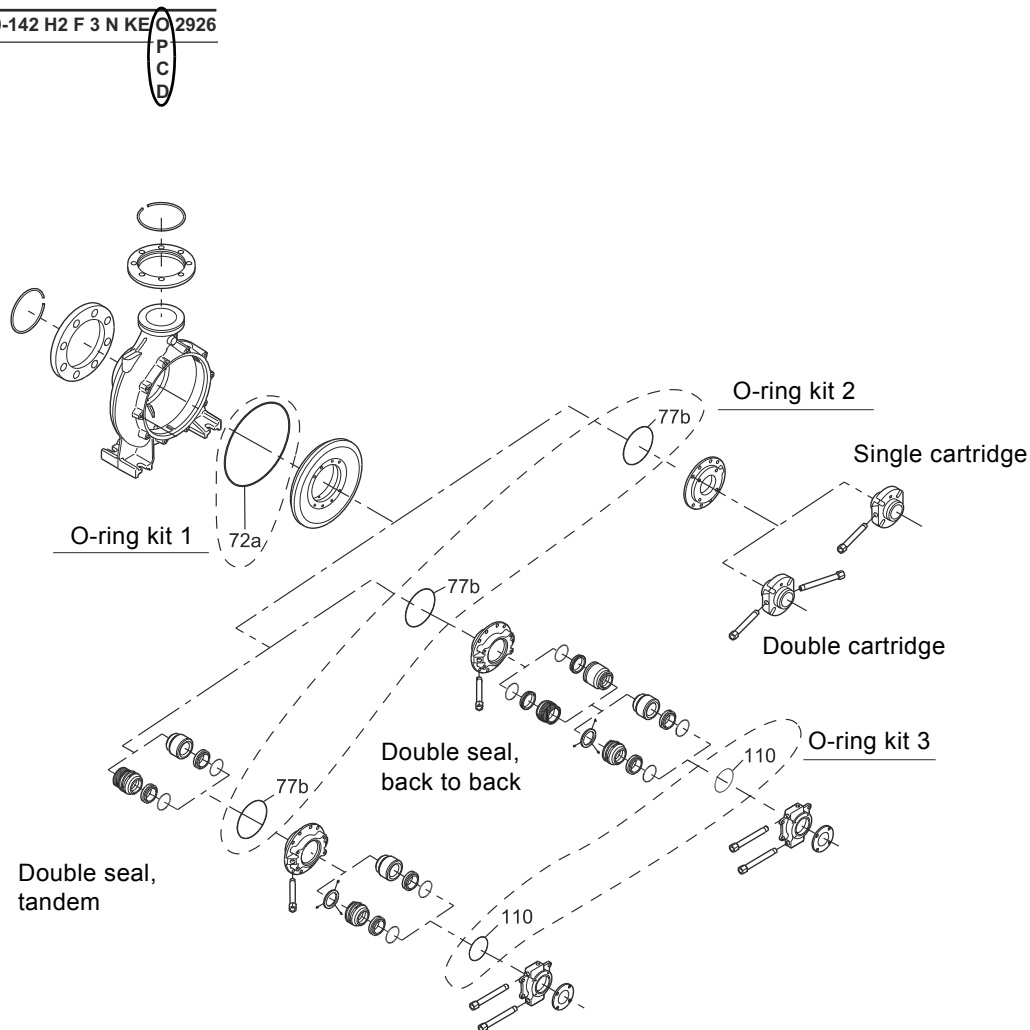
Example 2 - pump with cover, pos. 77 and 77a

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 2926



TM04 6798 0910

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 FC 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 2926

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

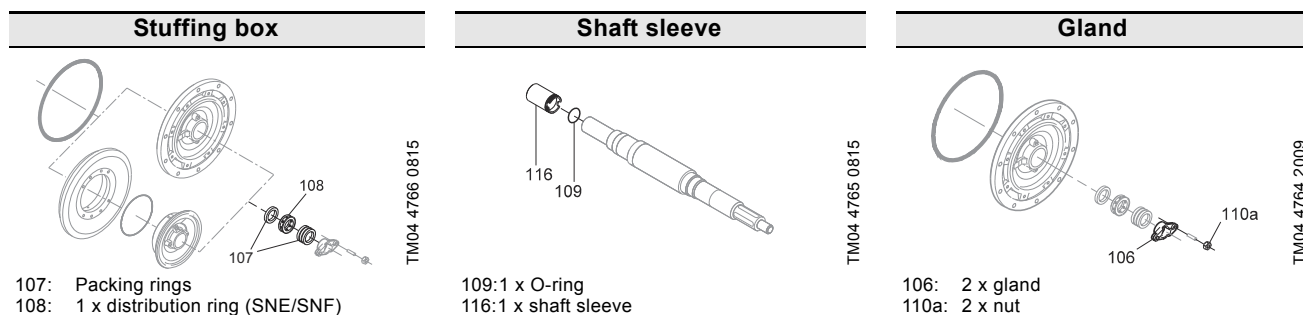
Code KE describes a pump with O-ring kit 1 + 2 of FFKM (K) and O-ring kit 3 of EPDM (E).

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
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
	160.1	97761203	97685619	97685617	97761204	97685616
	200.1	97761203	97685619	97685617	97761204	97685616
	125	97761203	97685619	97685617	97761204	97685616
	160	97761203	97685619	97685617	97761204	97685616
	200	97761203	97685619	97685617	97761204	97685616
	250	97761203	97685619	97685617	97761204	97685616
65-50-	125	97761203	97685619	97685617	97761204	97685616
	160	97761203	97685619	97685617	97761204	97685616
65-40-	200	97761203	97685619	97685617	97761204	97685616
	250	97761203	97685619	97685617	97761204	97685616
	315	97761203	97685619	97685617	97761204	97685616
80-65-	125	97761203	97685619	97685617	97761204	97685616
	160	97761203	97685619	97685617	97761204	97685616
80-50-	200	97761203	97685619	97685617	97761204	97685616
	250	97761203	97685619	97685617	97761204	97685616
100-80-	315	97761203	97685619	97685617	97761204	97685616
	125	97761203	97685619	97685617	97761204	97685616
100-65-	160	97761203	97685619	97685617	97761204	97685616
	200	97761203	97685619	97685617	97761204	97685616
125-80-	250	97761203	97685619	97685617	97761204	97685616
	315	97757693	96887775	96887772	97757714	96887773
	160	97761203	97685619	97685617	97761204	97685616
	200	97761203	97685619	97685617	97761204	97685616
	250	97761203	97685619	97685617	97761204	97685616
	315	97757693	96887775	96887772	97757714	96887773
	400.1	97757693	96887775	96887772	97757714	96887773
125-100-	400	97757693	96887775	96887772	97757714	96887773
	160	97761203	97685619	97685617	97761204	97685616
	200	97761203	97685619	97685617	97761204	97685616
	250	97757693	96887775	96887772	97757714	96887773
	315	97757693	96887775	96887772	97757714	96887773
150-125-	400	97757693	96887775	96887772	97757714	96887773
	200	97761203	97685619	97685617	97761204	97685616
	250	97757693	96887775	96887772	97757714	96887773
	315	97757693	96887775	96887772	97757714	96887773
	400	97757693	96887775	96887772	97757714	96887773
200-150-	500	97757693	96887775	96887772	97757714	96887773
	200	97761203	97685619	97685617	97761204	97685616
	250	97757693	96887775	96887772	97757714	96887773
	315.1	97757693	96887775	96887772	97757714	96887773
	315.2	97757693	96887775	96887772	97757714	96887773
	315	97757693	96887775	96887772	97757714	96887773
250-200-	400	97757693	96887775	96887772	97757714	96887773
	450	-	-	-	-	-
	350	-	-	-	-	-
300-250-	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
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
	160	97904647	97904660	97904650	97904648	97904649	97904659
125-100-	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



Pump type	Material code	Shaft seal arrangement	A, B, C, D, E, F, G, H, S, T						
			B						
			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
65-50-	250	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	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
	200	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
100-65-	250	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
	315	42	98796172	98796173	98796176	98796177	98796233	98796160	98796251
	160	32	96877123	96877125	96877127	96877129	96861485	98796246	96861469
125-80-	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
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
250-200-	500	60	98796188	98796189	98796192	98796193	98796239	98796226	98796255
	400	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	450	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
	350	48	98796180	98796181	98796184	98796185	98796236	98796223	98796253
300-250-	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.

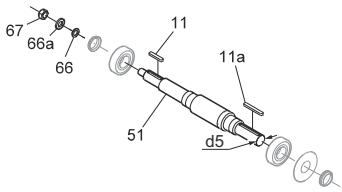
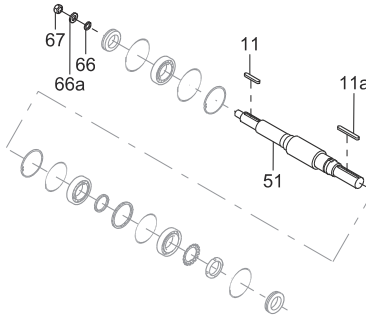
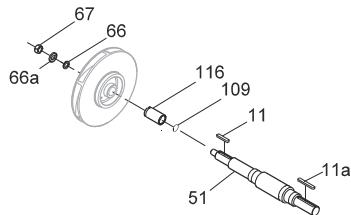
Pump type		Material code	I, J, K, M, N, P, U, W						
		Shaft seal arrangement	B						
		Pump shaft diameter d5	Stuffing box for 1.4408 pump				Shaft sleeve		Gland
			SNEA, SNEC, SNFA, SNFC	SNEB, SNED, SNFB, SNFD	SNOA, SNOC	SNOB, SNOD	E (EPDM)	V (FKM)	
50-32-	125.1	24	98796196	98796197	96877099	96877101	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
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 ¹⁾	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
250-200-	500	60	98796212	98796213	98796192	98796193	98796240	98796227	98796255
	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

¹⁾ 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
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 ¹⁾	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

¹⁾ For 2-pole model only.

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	
 TM04 4763 2309	 TM04 6850 1610	 TM04 5651 3709
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	97904698	97904699	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
65-50-	250	32	96861520	96861521	97929232	97929233	98819680	97926898	97929231
	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
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	97739721	97739722	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
150-125-	400	42	96861524	96861525	97739721	97739722	98819877	96887358	96887359
	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
200-150-	400	42	96861524	96861525	97739721	97739722	98819877	96887358	96887359
	500	60	96861528	96861529	97761158	97761159	98819888	97761154	97761155
	200	32	96861520	96861521	97929232	97929233	98819680	97926898	97929231
	250	42	96861524	96861525	97739721	97739722	98819877	96887358	96887359
	315.1	48	96861526	96861527	97761156	97761157	98819883	97761116	97761152
	315.2	48	96861526	96861527	97761156	97761157	98819883	97761116	97761152
	315	48	96861526	96861527	97761156	97761157	98819883	97761116	97761152
250-200-	400	48	96861526	96861527	97761156	97761157	98819883	97761116	97761152
	450	48	96861526	96861527	-	-	98819883	97761116	97761152
	350	48	96861526	96861527	-	-	98819883	97761116	97761152
	400	48	96861526	96861527	-	-	98819883	97761116	97761152
300-250-	450	60	96861528	96861529	-	-	98819888	97761154	97761155
	500	60	96861528	96861529	-	-	98819888	97761154	97761155

1) For 2-pole model only.

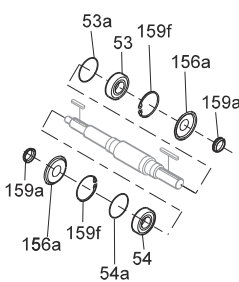
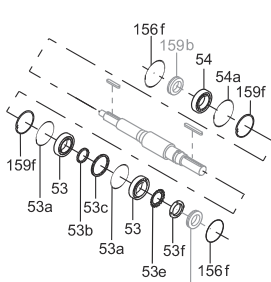
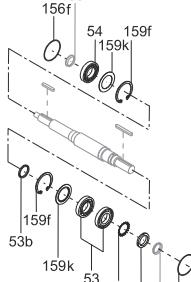
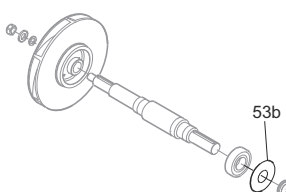
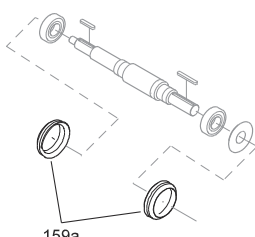
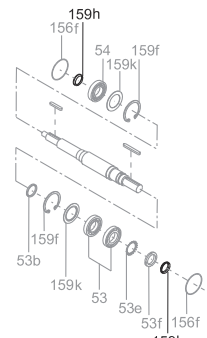
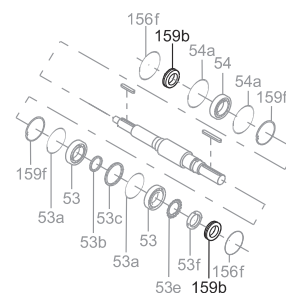
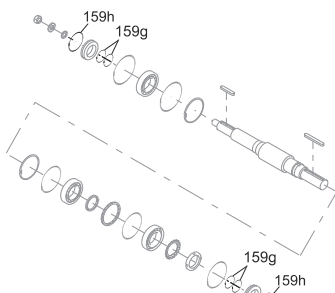
			Shaft for stuffing box					
(1) Pump version			A1, A2, I1, I2, Y1					
(2) Shaft seal arrangement			B					
Pump type	Pump shaft diameter d5	(3) Material code	A, B, E, F		C, D, G, H, K, M, N, P, S		I, J, L, R, T, U, W	
		Rubber code	V	E	V	E	V	E
50-32-	125.1	24	98812953	96958259	98812954	98812962	98795674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

¹⁾ 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
65-50-	250	32	98922057	98922051	98795690	98795714	98795691	98795715
	125	24	98922056	98922030	98795688	98795712	98795689	98795713
65-40-	160	24	98922056	98922030	98795688	98795712	98795689	98795713
	200	24	98922056	98922030	98795688	98795712	98795689	98795713
80-65-	250	32	98922057	98922051	98795690	98795714	98795691	98795715
	315	32	98922057	98922051	98795690	98795714	98795691	98795715
80-50-	125	24	98922056	98922030	98795688	98795712	98795689	98795713
	160	24	98922056	98922030	98795688	98795712	98795689	98795713
100-80-	200	24	98922056	98922030	98795688	98795712	98795689	98795713
	250	32	98922057	98922051	98795690	98795714	98795691	98795715
100-65-	315	32	98922057	98922051	98795690	98795714	98795691	98795715
	125	24	98922056	98922030	98795688	98795712	98795689	98795713
125-80-	160	32	98922057	98922051	98795690	98795714	98795691	98795715
	200	32	98922057	98922051	98795690	98795714	98795691	98795715
125-100-	250	32	98922057	98922051	98795690	98795714	98795691	98795715
	315	42	98922058	98922052	98795692	98795716	98795693	98795717
150-125-	160	32	98922057	98922051	98795690	98795714	98795691	98795715
	200	32	98922057	98922051	98795690	98795714	98795691	98795715
200-150-	250	32	98922057	98922051	98795690	98795714	98795691	98795715
	315	42	98922058	98922052	98795692	98795716	98795693	98795717
250-200-	400	42	98922058	98922052	98795692	98795716	98795693	98795717
	200	32	98922057	98922051	98795690	98795714	98795691	98795715
300-250-	250	42	98922058	98922052	98795692	98795716	98795693	98795717
	315	42	98922058	98922052	98795692	98795716	98795693	98795717
	400	42	98922058	98922052	98795692	98795716	98795693	98795717
	400 ¹⁾	48	98922059	98922054	98795694	98795718	98795695	98795719
	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
	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	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
	400	48	98922059	98922054	98795694	98795718	98795695	98795719
	450	48	98922059	98922054	98795694	98795718	98795695	98795719
	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

¹⁾ For 2-pole model only.

Bearings, spacer ring, V-ring and oil seal

Bearing		
Pump version	Pump version	Pump version
A1, A2, I1, I2, Y	H1, H2, K1, K2, Z	G1, G2, J1, J2, W
		
TM04 4783 1110	TM04 6841 2715	TM06 4626 2615
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 53a/54a: 3 x O-ring 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
Spacer ring		
Pump version	Pump version	Pump version
A1, A2, I1, I2, Y		G1, G2, J1, J2, W
		
TM04 4784 2209	TM04 4785 1110	TM06 4627 2615
53b: 1 x spacer ring	159a: 2 x V-ring	159h: 2 x V-ring
Oil seal		
Pump version	Pump version	Pump version
A1, A2, I1, I2, Y		G1, G2, J1, J2, W
		
TM04 6854 2715	TM04 7132 1710	
159b: 1 x oil seal	159g: 2 x O-ring 159h: 1 x O-ring	

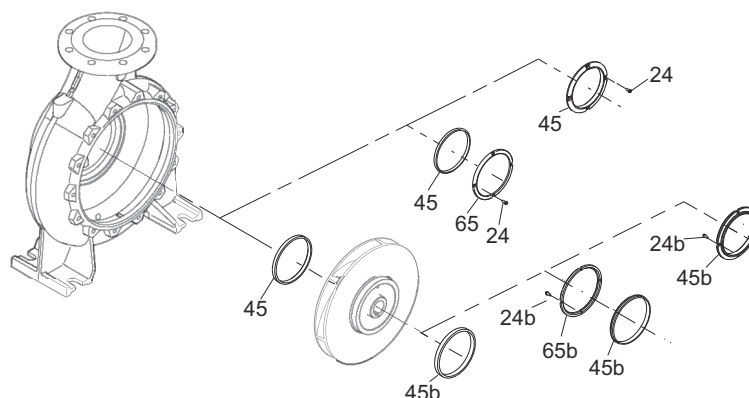
The material code can be found in the type designation on the nameplate.

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

Pump type	Pump shaft diameter d5	Bearings					Spacer ring	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
50-32-	125.1	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
	160.1	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
	200.1	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
	125	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
	160	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
	200	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
65-50-	250	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
	125	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
65-40-	160	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
	200	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
80-65-	250	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
	315	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
80-50-	125	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
	160	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
100-80-	200	24	96579599	98670821	97904646	98819587	96938909	96591314	98670822	98670823	97904700	97853765	
	250	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
100-65-	315	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
	250	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
125-80-	315	42	95919875	98670816	96887353	98819876	96938911	96871240	98670826	98670825	96887776	97527677	
	160	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
125-100-	200	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
	250	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
150-125-	315	42	95919875	98670816	96887353	98819876	96938911	96871240	98670826	98670825	96887776	97527677	
	400.1	42	95919875	98670816	96887353	98819876	96938911	96871240	98670826	98670825	96887776	97527677	
200-150-	400	42	95919875	98670816	96887353	98819876	96938911	96871240	98670826	98670825	96887776	97527677	
	400 ¹⁾	48	95919876	98670817	97761201	98819882	96938925	96871241	98670827	98670827	97761180	97763478	
250-200-	160	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
	200	32	95919873	98670814	97929249	98819679	96938911	96871238	98670824	98670822	97929234	97929235	
300-250-	250	42	95919875	98670816	96887353	98819876	96938911	96871240	98670826	98670825	96887776	97527677	
	315.1	48	95919876	98670817	97761201	98819882	96938925	96871241	98670827	98670827	97761180	97763478	
350	315.2	48	95919876	98670817	97761201	98819882	96938925	96871241	98670827	98670827	97761180	97763478	
	315	48	95919876	98670817	97761201	98819882	96938925	96871241	98670827	98670827	97761180	97763478	
400	400	48	95919876	98670817	97761201	98819882	96938925	96871241	98670827	98670827	97761180	97763478	
	450	48	95919876	98670817	97761201	98819882	96938925	96871241	98670827	98670827	97761180	97763478	
450	350	48	95919876	98670817	97761201	98819882	96938925	96871241	98670827	98670827	97761180	97763478	
	400	48	95919876	98670817	97761201	98819882	96938925	96871241	98670827	98670827	97761180	97763478	
500	450	60	95919878	98670819	97761201	98819882	96938926	96871242	98670828	98670827	97761180	97763478	
	500	60	95919878	98670819	97761201	98819882	96938926	96871242	98670828	98670827	97761180	97763478	

1) For 2-pole model only.

Wear ring



TM04 4731 1909

Material code:

A, B, C, D, E, F, G, H, S, T

Pos. 45

45: 1 x wear ring

Pos. 45b

45b: 1 x wear ring

Material code:

I, N, P, R, W

Pos. 45

45: 1 x wear ring

65: 1 x wear ring retainer

24: 4 x screw

Pos. 45b

45b: 1 x wear ring

65b: 1 x wear ring retainer

24b: 4 x screw

Material code:

I, K, L, M, U

Pos. 45

45: 1 x wear ring

24: 4 x screw

Pos. 45b

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

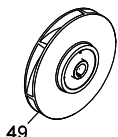
Pump type	Wear ring inner diameter [mm]	Wear ring material			
		Bronze/Brass		GG	
		A, B, C, D, E, F, G, H, S, T		A, B, C, D, E, F, G, H, S, T	
		Pos. 45	Pos. 45b	Pos. 45	Pos. 45b
50-32-	125.1	96810099	-	-	-
	160.1	96810098	-	-	-
	200.1	96810099	-	-	-
	125	96810099	-	-	-
	160	96810099	96810102	-	-
	200	96810099	96810102	-	-
65-50-	250	96810099	96810103	-	-
	125	96810100	96810102	-	-
65-40-	160	96810100	96810102	-	-
	200	96810100	96810102	-	-
80-65-	250	96810100	96810103	-	-
	315	96810102	96797628	-	-
80-50-	125	96810102	96810102	-	-
	160	96810102	96810102	-	-
100-80-	200	96810102	96810102	-	-
	250	96810102	96810103	-	-
100-65-	315	96810103	96797628	-	-
	125	96810103	96810102	-	-
125-80-	160	96810103	96810104	-	-
	200	96810103	96810104	-	-
	250	96810105	96797628	-	-
	315	96810105	96797628	-	-
	160	96810106	96810104	-	-
	200	96797626	96797628	-	-
	250	96797626	96797628	-	-
	315	96797626	96797628	-	-
	400	96797628	96810109	-	-

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
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
200-150-	500			96810109	96810112
	200			96810110	96810109
	250	210	185	96810111	96810109
	250	185	185	96810109	96810109
250-200-	315.1			96810111	96810112
	315.2			96810111	96810112
	315			96810111	96810112
	400			96810112	96810112
300-250-	500			96810112	96810112
	400			96939611	96939611
	450			96939612	96939612
	350			96939613	96939615
	400			96939615	96939615
	450			96939614	96939614
	500			96939615	96939615

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	
			Screw		1.4539		1.4401		1.4539	
	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
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
250-200-	500		97739720	97739720	97739719	97739719	97739717	97739717	97739700	97739700
	400		-	-	-	-	-	-	-	-
300-250-	450		-	-	-	-	-	-	-	-
	350		-	-	-	-	-	-	-	-
	400		-	-	-	-	-	-	-	-
	450		-	-	-	-	-	-	-	-
300-250-	500		-	-	-	-	-	-	-	-
	500		-	-	-	-	-	-	-	-

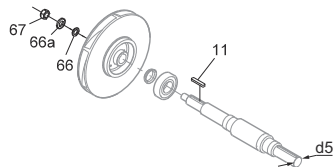
Impeller



TM04 4729 1909

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

Nut, washer and key for impeller



TM04 4782 2009

Material code

A, B, C, D, E, F, G, H, K, M, N, P, S

11: 1 x key
67: 1 x nut
66a: 1 x lock washer
66: 1 x washer

Material code

I, J, L, R, T, U, W

11: 1 x key
67: 1 x nut
66a: 1 x lock washer
66: 1 x washer

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

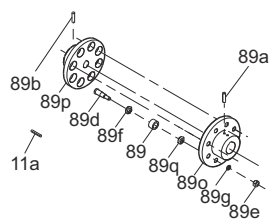
NKG 125-100-160 /160-142 H2 F 3 **N** KE O 2926

Pump type	Pump shaft dia.	Material code	
		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
65-50-	250 32	96939130	96939131
	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
	200 32	96939130	96939131
100-65-	250 32	96939130	96939131
	315 42	96939132	96939133
	160 32	96939130	96939131
125-80-	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

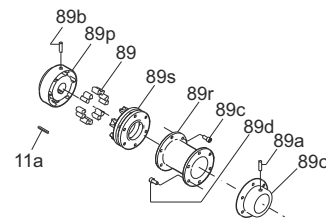
Pump type	Pump shaft dia.	Material code	
		A, B, C, D, E, F, G, H, K, M, N, P, S	I, J, L, R, T, U, W
150-125-	200 32	96939130	96939131
	250 42	96939132	96939133
	315 42	96939132	96939133
	400 42	96939132	96939133
	500 60	96939137	96939138
	200 32	96939130	96939131
200-150-	250 42	96939132	96939133
	315.1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

¹⁾ For 2-pole model only

Coupling



TM04 4767 1909



TM04 4769 1909

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

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender spacer coupling			
									Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber
			[mm]	[mm]	[mm]	[mm]	[mm]	[mm]										
			Pole	Power [kW]	Frame size	Make												
			50 Hz	60 Hz														
50	32	125	2	1.1	-	90S	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
50	32	125	2	1.5	1.5	90S	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
50	32	125	2	2.2	2.2	90L	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
50	32	125	2	3	3	100L	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
50	32	125	2	-	4	112M	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579717	96480015	
50	32	125	4	0.37	0.37	71B	All	24	14	125	96848892	96789247	96809939	80	100	96579717	96480015	
50	32	125	4	-	0.55	80A	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
50	32	125	4	-	0.75	80B	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
50	32	160	2	2.2	-	90L	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
50	32	160	2	3	3	100L	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
50	32	160	2	4	4	112M	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579717	96480015	
50	32	160	4	0.37	0.37	71B	All	24	14	125	96848892	96789247	96809939	80	100	96579717	96480015	
50	32	160	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
50	32	160	4	0.75	0.75	80B	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
50	32	160	4	-	1.1	90S	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
50	32	200	2	4	-	112M	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579719	96480015	
50	32	200	4	0.75	0.75	80B	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
50	32	200	4	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
50	32	200	4	1.5	1.5	90L	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
50	32	200	4	-	2.2	100L	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579782	96480015	
50	32	250	4	1.1	1.1	90S	All	32	24	125	96848903	96789247	96809939	80	100	96579784	96480015	
50	32	250	4	1.5	1.5	90L	All	32	24	125	96848903	96789247	96809939	80	100	96579784	96480015	
50	32	250	4	2.2	2.2	100L	All	32	28	140	96848904	96789247	96809940	80	100	96579786	96480015	
50	32	250	4	-	3	100L	All	32	28	140	96848904	96789247	96809940	80	100	96579786	96480015	

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender 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	125.1	2	0.75	-	80A	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
50	32	125.1	2	1.1	1.1	90S	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
50	32	125.1	2	1.5	1.5	90S	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
50	32	125.1	2	2.2	2.2	90L	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
50	32	125.1	2	-	3	100L	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
50	32	125.1	2	-	4	112M	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
50	32	125.1	4	0.25	0.25	71A	All		24	14	125	96848892	96789247	96809939	80	100	96579717	96480015
50	32	125.1	4	0.37	0.37	71B	All		24	14	125	96848892	96789247	96809939	80	100	96579717	96480015
50	32	125.1	4	-	0.55	80A	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
50	32	160.1	2	1.5	-	90S	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
50	32	160.1	2	2.2	2.2	90L	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
50	32	160.1	2	3	3	100L	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
50	32	160.1	2	4	4	112M	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
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	80	100	96579717	96480015
50	32	160.1	4	0.37	0.37	71B	All		24	14	125	96848892	96789247	96809939	80	100	96579717	96480015
50	32	160.1	4	0.55	0.55	80A	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
50	32	160.1	4	-	0.75	80B	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
50	32	200.1	2	3	-	100L	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
50	32	200.1	2	4	4	112M	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
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	80	100	96579717	96480015
50	32	200.1	4	0.55	0.55	80A	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
50	32	200.1	4	0.75	0.75	80B	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
50	32	200.1	4	-	1.1	90S	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
50	32	200.1	4	-	1.5	90L	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
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	80	100	96579719	96480015
65	40	200	4	1.1	1.1	90S	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
65	40	200	4	1.5	1.5	90L	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
65	40	200	4	2.2	2.2	100L	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
65	40	200	4	-	3	100L	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
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	80	100	96579784	96480015
65	40	250	4	2.2	2.2	100L	All		32	28	140	96848904	96789247	96809940	80	100	96579786	96480015
65	40	250	4	3	3	100L	All		32	28	140	96848904	96789247	96809940	80	100	96579786	96480015
65	40	250	4	-	4	112M	All		32	28	140	96848904	96789247	96809940	80	100	96579786	96480015
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	80	100	96579786	96480015
65	40	315	4	4	-	112M	All		32	28	140	96848904	96789247	96809940	80	100	96579786	96480015
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	80	100	96579720	96480015

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender 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]
65	50	125	2	2.2	-	90L	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
65	50	125	2	3	3	100L	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
65	50	125	2	4	4	112M	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579717	96480015	
65	50	125	4	0.37	0.37	71B	All	24	14	125	96848892	96789247	96809939	80	100	96579717	96480015	
65	50	125	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
65	50	125	4	-	0.75	80B	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
65	50	125	4	-	1.1	90S	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
65	50	160	2	4	-	112M	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579717	96480015	
65	50	160	4	0.55	0.55	80A	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
65	50	160	4	0.75	0.75	80B	All	24	19	125	96848893	96789247	96809939	80	100	96579719	96480015	
65	50	160	4	1.1	1.1	90S	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
65	50	160	4	-	1.5	90L	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
65	50	160	4	-	2.2	100L	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579720	96480015	
80	50	200	4	1.5	-	90L	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
80	50	200	4	2.2	2.2	100L	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
80	50	200	4	3	3	100L	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
80	50	200	4	-	4	112M	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579786	96480015	
80	50	250	4	3	-	100L	All	32	28	140	96848904	96789247	96809940	80	100	96579786	96480015	
80	50	250	4	4	4	112M	All	32	28	140	96848904	96789247	96809940	80	100	96579786	96480015	
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	80	100	96579786	96480015	
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	80	100	96579722	96480015	
80	65	125	2	4	4	112M	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender 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	125	4	0.37	0	71B	All		24	14	125	96848892	96789247	96809939	80	100	96579717	96480015
80	65	125	4	0.55	0.55	80A	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
80	65	125	4	0.75	0.75	80B	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
80	65	125	4	1.1	1.1	90S	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
80	65	125	4	-	1.5	90L	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
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
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	80	100	96579719	96480015
80	65	160	4	0.75	-	80B	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
80	65	160	4	1.1	1.1	90S	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
80	65	160	4	1.5	1.5	90L	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015
80	65	160	4	2.2	2.2	100L	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
80	65	160	4	-	3	100L	All		24	28	140	96848895	96789247	96809940	80	100	96579722	96480015
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	80	140	96579785	96480015
100	65	200	4	2.2	-	100L	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
100	65	200	4	3	3	100L	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
100	65	200	4	4	4	112M	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
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	80	140	96579788	96480015
100	65	250	4	4	-	112M	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
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	96861615	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	80	100	96579722	96480015
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	80	100	96579719	96480015
100	80	125	4	0.75	-	80B	All		24	19	125	96848893	96789247	96809939	80	100	96579719	96480015
100	80	125	4	1.1	1.1	90S	All		24	24	125	96848894	96789247	96809939	80	100	96579720	96480015

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender 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]
100	80	125	4	-	1.5	90L	All	24	24	125	96848894	96789247	96809939	80	100	96579720	96480015	
100	80	125	4	-	2.2	100L	All	24	28	140	96848895	96789247	96809940	80	100	96579722	96480015	
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	80	100	96579782	96480015	
100	80	160	4	1.5	1.5	90L	All	32	24	125	96848903	96789247	96809939	80	100	96579784	96480015	
100	80	160	4	2.2	2.2	100L	All	32	28	140	96848904	96789247	96809940	80	100	96579786	96480015	
100	80	160	4	-	3	100L	All	32	28	140	96848904	96789247	96809940	80	100	96579786	96480015	
100	80	160	4	-	4	112M	All	32	28	140	96848904	96789247	96809940	80	100	96579786	96480015	
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	80	140	96579785	96480015	
125	80	160	4	2.2	-	100L	All	32	28	140	96848904	96789247	96809940	80	140	96579788	96480015	
125	80	160	4	3	3	100L	All	32	28	140	96848904	96789247	96809940	80	140	96579788	96480015	
125	80	160	4	4	4	112M	All	32	28	140	96848904	96789247	96809940	80	140	96579788	96480015	
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	80	140	96579788	96480015	
125	80	200	4	3	-	100L	All	32	28	140	96848904	96789247	96809940	80	140	96579788	96480015	
125	80	200	4	4	4	112M	All	32	28	140	96848904	96789247	96809940	80	140	96579788	96480015	
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	
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	

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender 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	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
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	80	140	96579788	96480015
125	100	160	4	3	-	100L	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
125	100	160	4	4	4	112M	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
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	80	140	96579783	96480015
125	100	160	6	0.75	-	90S	All		32	24	125	96848903	96789247	96809939	80	140	96579785	96480015
125	100	160	6	1.1	1.1	90L	All		32	24	125	96848903	96789247	96809939	80	140	96579785	96480015
125	100	160	6	-	1.5	100L	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
125	100	160	6	-	2.2	112M	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
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	80	140	96579788	96480015
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	80	140	96579785	96480015
125	100	200	6	1.5	1.5	100L	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
125	100	200	6	2.2	2.2	112M	All		32	28	140	96848904	96789247	96809940	80	140	96579788	96480015
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

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender 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]
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	96796255	
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	
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	

Pump type	Motor data								Shaft dia.		Grundfos standard coupling				Flender 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]
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			
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	80	140	96579788	96480015			
150 125 200	6	2.2	-	112M	All	32	28	140	96848904	96789247	96809940	80	140	96579788	96480015			
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			
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			

Pump type	Motor data							Shaft dia.		Grundfos standard coupling				Flender 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]
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		
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		

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender 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]
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	
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	

Pump type			Motor data						Shaft dia.		Grundfos standard coupling				Flender 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]
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	
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	

Pump type	Motor data							Shaft dia.		Grundfos standard coupling				Flender 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]
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		
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		

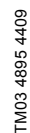
Pump type	Motor data								Shaft dia.		Grundfos standard coupling				Flender spacer coupling			
	Pole	Power [kW]		Frame size	Make	Pump	Motor	Coupling diameter	Coupling complete	Rubber	Bolts	Coupling diameter	Spacer length	Coupling complete	Rubber			
		50 Hz	60 Hz													[mm]	[mm]	[mm]
200 150 500	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			
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			

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Flender 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												
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
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
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

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Flender 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												
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
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

Pump type			Motor data					Shaft dia.		Grundfos standard coupling				Flender 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												
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
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

Pump type	Motor data				Shaft dia.		Grundfos standard coupling				Flender spacer coupling			
	Pole	Power [kW]	Frame size	Make	Pump [mm]	Motor [mm]	Coupling diameter [mm]	Coupling complete	Rubber	Bolts	Coupling diameter [mm]	Spacer length [mm]	Coupling complete	Rubber
	50 Hz	60 Hz												
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
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



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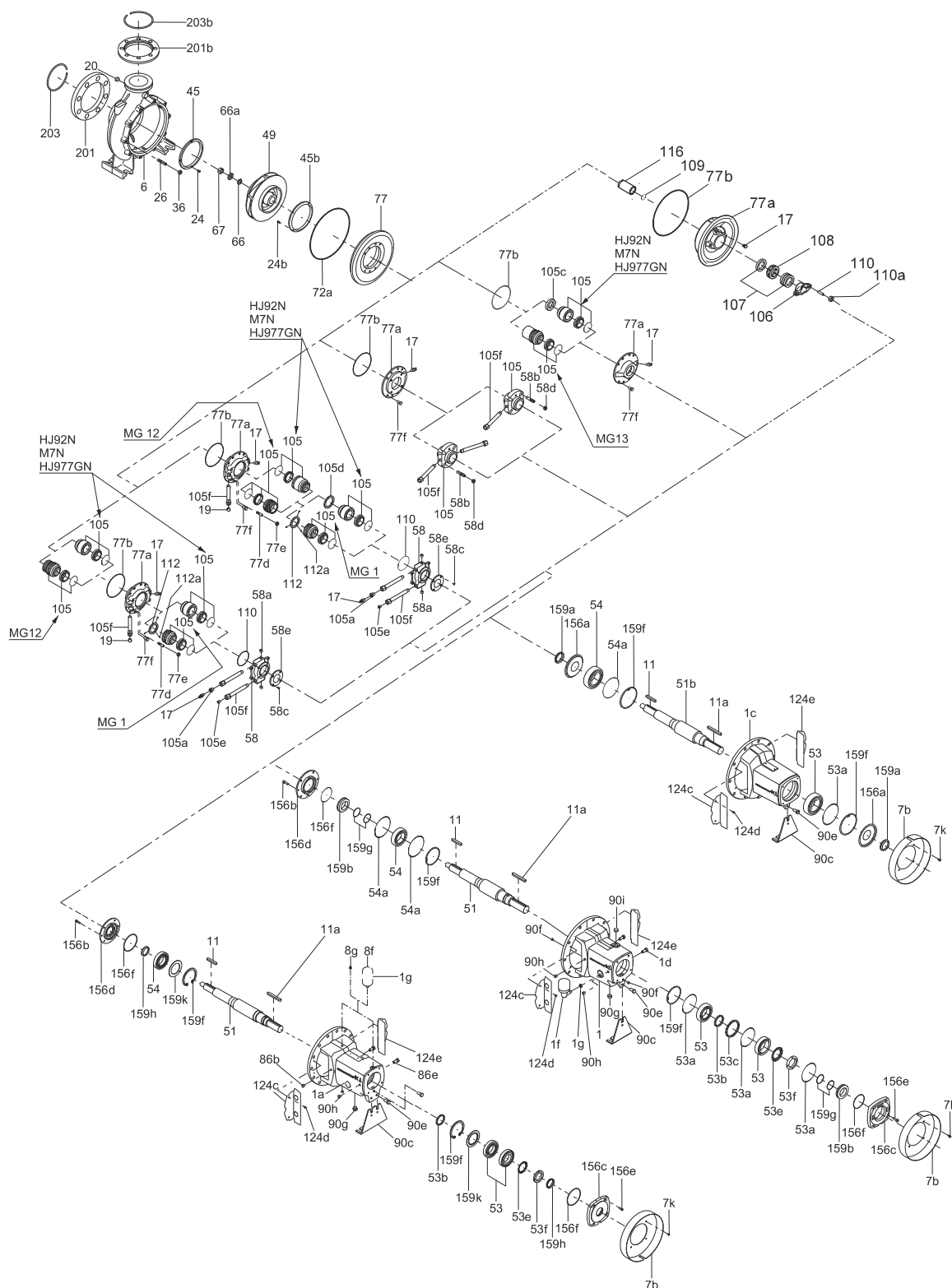


Fig. 9 Exploded view, NKG single and double mechanical seal, stuffing box, oil-lubricated and grease-lubricated bearing bracket

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