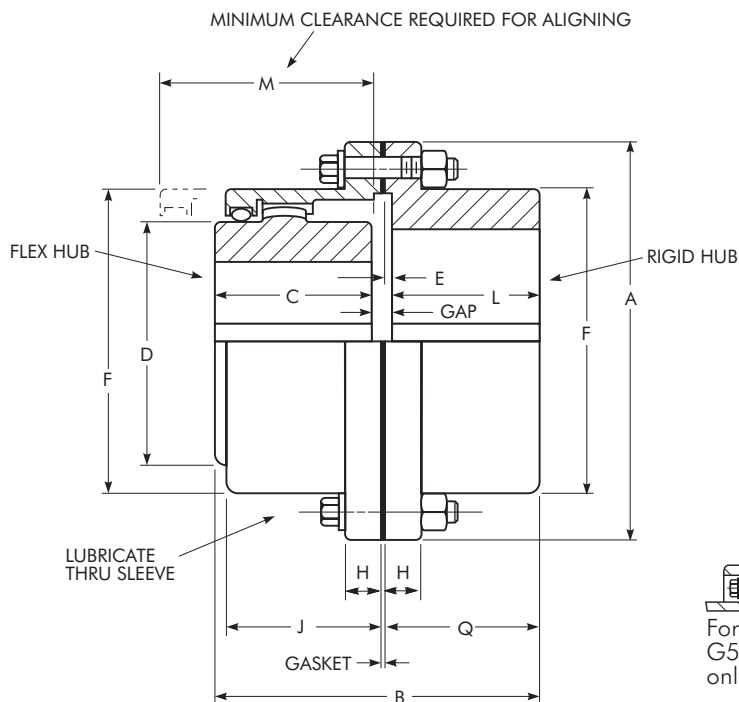


Type G52 Standard Flanged Sleeve

Single Engagement/Dimensions — Millimeters



For Sizes 1010G thru 1055G, Type G51 Shrouded Bolts furnished only when specified on order.

SIZE ★	Torque Rating (Nm) †	Allow Speed rpm ‡	Max Bore (mm) •		Min Bore (mm) ■	Cplg Wt With No Bore-kg		Lube Wt (kg)	DIMENSIONS — Millimeters												SIZE ★
			Flex Hub	Rigid Hub		G51	G52		A	B	C	D	E	F	H	J	L	M	Q	Gap	
1010G	1 140	8000	50	65	13	4,08	4,54	0,0227	115,9	86,6	42,9	68,6	2,5	83,8	14,0	38,9	39,6	51	42,2	4	1010G
1015G	2 350	6500	65	80	20	8,16	9,07	0,0408	152,4	99,6	49,3	86,4	2,5	105,2	19,0	47,8	46,2	61	48,8	4	1015G
1020G	4 270	5600	78	98	26	13,6	15,9	0,0680	177,8	124,5	62,0	105,2	2,5	126,5	19,0	59,4	58,4	76	61,0	4	1020G
1025G	7 470	5000	98	118	32	24,9	27,2	0,118	212,7	155,4	77,0	130,6	2,5	154,9	21,8	71,6	73,7	91	76,2	5	1025G
1030G	12 100	4400	111	140	39	38,6	43,1	0,181	239,7	183,9	91,2	152,4	2,5	180,3	21,8	83,8	87,9	107	90,4	5	1030G
1035G	18 500	3900	134	163	51	61,2	68,0	0,272	279,4	214,1	106,4	177,8	2,5	211,3	28,4	97,5	102,1	130	104,6	6	1035G
1040G	30 600	3600	160	196	64	90,7	99,8	0,467	317,5	242,8	120,6	209,6	4,1	245,4	28,4	111,3	115,3	145	119,4	7	1040G
1045G	42 000	3200	183	216	77	129,3	136	0,557	346,1	273,1	134,9	235,0	4,1	274,1	28,4	122,9	130,6	165	134,6	8	1045G
1050G	56 600	2900	200	235	89	181,4	195	0,907	388,9	309,1	153,2	254,0	5,1	305,8	38,1	140,7	147,3	183	152,4	9	1050G
1055G	74 000	2650	220	266	102	251,7	263	1,13	425,4	349,5	168,1	279,4	5,1	334,3	38,1	158,0	172,7	203	177,8	9	1055G
1060G	90 400	2450	244	290	115	...	324	1,70	457,2	385,1	188,2	304,8	6,6	366,0	25,4	169,2	186,4	229	193,0	10	1060G
1070G	135 000	2150	289	340	127	...	508	2,27	527,0	453,6	220,7	355,6	8,4	424,9	28,4	195,6	220,2	267	228,6	13	1070G

★ See Page 15 for General Information and other Reference Notes.

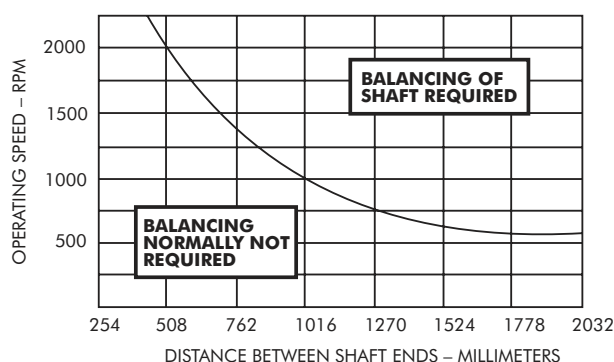
Type G52 Standard Flanged Sleeve Floating Shafts/Dimensions — Millimeters

A standard floating shaft assembly consists of two standard single engagement couplings, two gap discs and a connecting shaft.

A floating shaft can eliminate the need for additional bearing supports along spanning shaft because the shaft is supported at the ends by connected equipment through the single engagement couplings.

Flex Hubs on Floating Shaft (RFFR)

Assembly of the flex hubs on the floating shaft allows for easier replacement in case of wear and allows the rigid hubs with their increased bore capacity to be used on the connected equipment shafts. This frequently means a smaller coupling size can be utilized.



Rigid Hubs on Floating Shaft (FRRF)

When the rigid hubs are on the floating shaft, shorter shaft spans can be accommodated, since no cover drawback is required. Since the flex hubs are outboard, the points of articulation are further apart, providing greater offset misalignment capacity.

Solid Floating Shaft Selection

Single Engagement Type G52/GV52 couplings are used with floating shafts in either horizontal or vertical applications. For vertical applications select a Type GV coupling for the lower coupling assembly. Select floating shafts as follows:

1. Use the Standard or Formula Selection Methods, Pages 10-11 to select the couplings. Record the System Torque from standard selection method or Selection Torque from formula selection method.
2. From table below select a shaft diameter that has an assembly torque rating equal to or greater than the system or selection torque determined in coupling selection.
3. Check maximum "BE" for the shaft diameter selected and running speed for shaft length required from table below. Refer to graph at left to determine if shaft requires balancing.
4. If the application shaft length exceeds the maximum "BE" listed, select the next larger shaft diameter or the next larger size coupling. Consult the Factory for higher speeds or longer shaft lengths than listed below.

NOTE: For conditions that require a larger size coupling, consider a Tubular Shaft Design, refer complete application details to your local Rexnord Representative.

SIZE ★	Assembly Torque Rating ▲ Nm †	Floating Shafts — Millimeters										
		SB Shaft End Diameter (mm)	SD Shaft Diameter (mm)	Wt.-kg per mm	WR ² kgm ² per mm	Maximum BE (mm) for Various RPM's *						
						1750	1430	1170	870	720	580	540 or less
1010G	493	38,1	39,7	0,00964	0,00000196	1 371	1 524	1 676	1 955	2 159	2 387	2 463
	1 140	47,6	50,8	0,0159	0,00000518	1 549	1 727	1 905	2 209	2 438	2 717	2 794
1015G	1 169	50,8	54,0	0,0179	0,00000657	1 600	1 778	1 955	2 286	2 514	2 794	2 870
	2 349	60,3	76,2	0,0248	0,0000126	1 752	1 930	2 133	2 463	2 717	3 022	3 124
1020G	2 282	63,5	66,7	0,0273	0,0000152	1 778	1 981	2 184	2 540	2 794	3 098	3 200
	4 271	73,0	95,2	0,0557	0,0000259	1 905	2 108	2 336	2 717	2 971	3 327	3 429
1025G	4 463	79,4	82,6	0,0420	0,0000357	1 981	2 209	2 438	2 819	3 098	3 454	3 556
	7 474	92,1	95,2	0,0559	0,0000634	2 133	2 362	2 616	3 022	3 237	3 708	3 835
1030G	8 508	98,4	101,6	0,0636	0,0000820	2 209	2 438	2 692	3 124	3 454	3 835	3 962
	12 101	104,8	127,0	0,0718	0,000104	2 260	2 514	2 794	3 225	3 556	3 962	4 064
1035G	13 333	114,3	120,6	0,0896	0,000163	2 413	2 667	2 946	3 403	3 759	4 191	4 292
	18 508	123,8	146,0	0,0993	0,000200	2 463	2 717	3 022	3 505	3 860	4 292	4 419
1040G	24 327	139,7	146,0	0,131	0,000350	2 641	2 921	3 251	3 759	4 140	4 597	4 749
	30 609	146,0	165,1	0,143	0,000415	2 692	2 997	3 302	3 835	4 216	4 699	4 851
1045G	31 581	152,4	165,1	0,168	0,000572	2 819	3 124	3 454	3 987	4 394	4 902	5 029
	41 999	171,5	203,2	0,254	0,00131	3 124	3 454	3 810	4 445	4 876	5 435	5 588
1050G	37 886	161,9	165,1	0,168	0,000572	2 819	3 124	3 454	3 987	4 394	4 902	5 029
	56 597	187,3	203,2	0,254	0,00131	3 124	3 454	3 810	4 445	4 876	5 435	5 588
1055G	37 886	161,9	165,1	0,168	0,000572	2 819	3 124	3 454	3 987	4 394	4 902	5 029
	74 031	200,0	203,2	0,254	0,00131	3 124	3 454	3 810	4 445	4 876	5 435	5 588
1060G	71 410	200,0	203,2	0,254	0,00131	3 124	3 454	3 810	4 445	4 876	5 435	5 588
	90 404	215,9	217,4	0,291	0,00172	3 225	3 581	3 962	4 597	5 054	5 613	5 791
1070G	71 410	200,0	203,2	0,254	0,00131	3 124	3 454	3 810	4 445	4 876	5 435	5 588
	135 250	241,3	242,8	0,363	0,00268	3 403	3 784	4 191	4 851	5 334	5 943	6 121

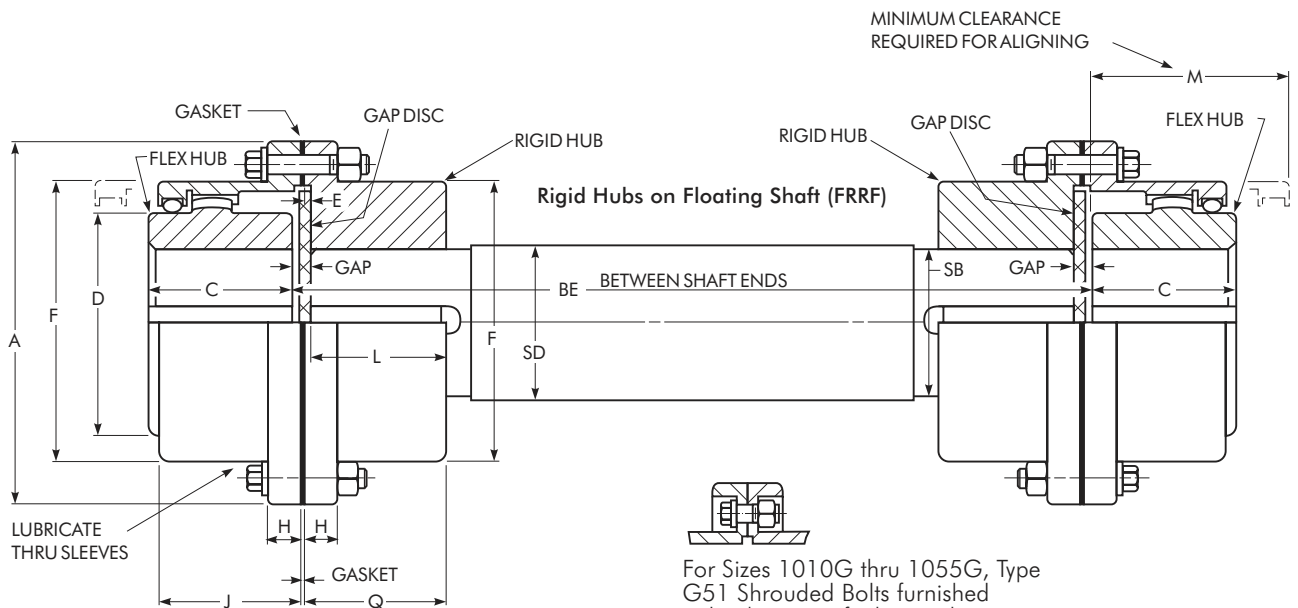
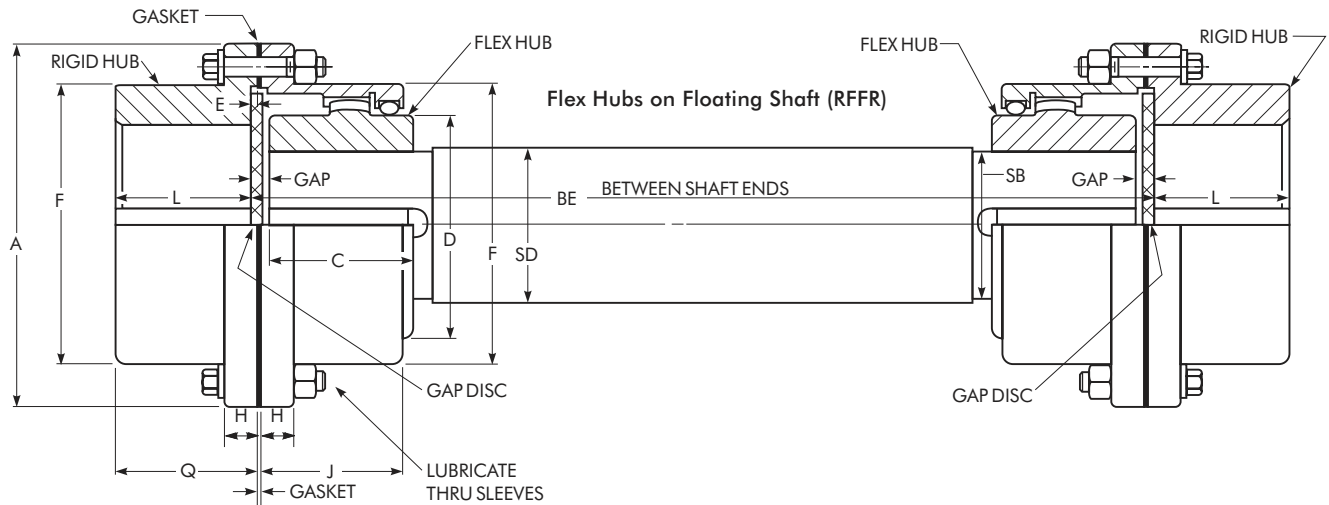
★ Refer to Page 15 for General Information and Reference Notes.

▲ Assembly torque rating is limited by coupling size, shaft end diameter or both.

* Interpolate for intermediate speeds. Maximum BE is based on 70% of critical speed. Refer to the Factory for higher running speeds.

Type G52 Standard Flanged Sleeve

Floating Shaft/Dimensions — Millimeters



SIZE ★	Max Bore (mm) •		Min Bore (mm) ■	Wt—One Cplg No Bore—kg		Lube Wt Per Cplg (kg)	DIMENSIONS — Millimeters												
	Flex Hub	Rigid Hub		A	BE Min		C	D	E	F	H	J	L	M	Q	Gap			
					RFFR												FRRF		
1010G	50	65	13	4,08	4,54	0,0227	115,9	133	92	42,9	68,6	2,5	83,8	14,0	38,9	39,6	48	42,2	4
1015G	65	80	20	8,16	9,07	0,0408	152,4	159	105	49,3	86,4	2,5	105,2	19,0	47,8	46,2	56	48,8	4
1020G	78	98	26	13,6	15,9	0,0680	177,8	197	129	62,0	105,2	2,5	126,5	19,0	59,4	58,4	69	61,0	4
1025G	98	118	32	24,9	27,2	0,118	212,7	241	162	77,0	130,6	2,5	154,9	21,8	71,6	73,7	81	76,2	5
1030G	111	140	39	38,6	43,1	0,181	239,7	279	189	91,2	152,4	2,5	108,3	21,8	83,8	87,9	94	90,4	5
1035G	134	163	51	61,2	68,0	0,272	279,4	324	219	106,4	177,8	2,5	211,3	28,4	97,5	102,1	107	104,6	6
1040G	160	196	64	90,7	99,8	0,467	317,5	419	248	120,6	209,6	4,1	245,4	28,4	111,3	115,3	122	119,4	7
1045G	183	216	77	129,3	136	0,557	346,1	508	281	134,9	235,0	4,1	274,1	28,4	122,9	130,8	135	134,6	8
1050G	200	235	89	181,4	195	0,907	388,9	533	316	153,2	254,0	5,1	305,8	38,1	140,7	147,3	152	152,4	9
1055G	220	266	102	251,7	263	1,13	425,4	572	367	168,1	279,4	5,1	334,3	38,1	158,0	172,7	173	177,8	9
1060G	244	290	115	...	324	1,70	457,2	597	397	188,2	304,8	6,6	366,0	25,4	169,2	186,4	183	193,0	10
1070G	289	340	127	...	508	2,27	527,0	673	470	220,7	355,6	8,4	424,9	28,4	195,6	220,2	208	228,6	13

★ Refer to Page 15 for General Information and Reference Notes.