

RM Coupling Selection Data

Size	① Nominal Bore Capacity (in)	④ ⑤ ⑥ Max. Continuous Coupling Rating HP/100 RPM	④ ⑤ ⑥ Max. Continuous Torque Rating (in-lbs)	Maximum Speed RPM	⑥ Total Weight (lbs)	⑥ Total WR ² (lb-in ²)	⑥ Half Coupling C.G. (in)	⑥ ⑦ Torsional Stiffness K (lb-in/rad x 10 ⁶)	Spacer Tube/in		
									K (lb-in x 10 ⁶) rad	Weight (lbs)	WR ² (lb-in ²)
103	1.5	17	11000	34300	12.6	20	1.74	0.36	9.8	0.23	0.24
153	2.0	43	27000	28600	19.8	59.8	1.83	0.94	30.1	0.32	0.72
154	2.0	65	42000	28600	23.6	80	1.85	0.99	30.1	0.32	0.72
203	2.5	79	50000	23800	32.6	149	2.29	1.8	63.7	0.43	1.53
204	2.5	119	75000	23800	36.3	178	2.31	1.9	63.7	0.43	1.53
253	3.0	122	77000	19900	51.5	355	2.69	3.0	102	0.48	2.43
254	3.0	189	119000	19900	55.5	388	2.71	3.1	102	0.48	2.43
303	3.5	197	124000	17100	78.0	689	3.11	5.7	219	0.75	5.24
304	3.5	298	188000	17100	86.0	808	3.14	6.0	219	0.75	5.24
353	4.0	309	195000	14900	116	1370	3.50	9.2	383	1.00	9.18
354	4.0	466	294000	14900	129	1620	3.53	10	383	1.00	9.18
403	4.5	451	284000	13100	167	2570	3.85	14	637	1.33	15.3
404	4.5	676	426000	13100	185	3020	3.89	15	637	1.33	15.3
453	5.0	595	375000	11900	221	4030	4.43	20	980	1.67	23.5
454	5.0	917	578000	11900	248	4760	4.40	23	980	1.67	23.5
504	5.5	1160	732000	10900	297	7090	4.44	26	1300	1.83	31.2
505	5.5	1450	915000	10900	313	7440	4.45	29	1740	2.50	41.6
554	6.0	1550	975000	9900	438	12800	5.36	34	1880	2.23	44.9
555	6.0	1940	1220000	9900	448	13000	5.37	37	2440	2.96	58.4
604	6.5	1970	1245000	9200	518	17100	5.94	47	2620	2.67	62.7
605	6.5	2460	1553000	9200	543	17900	5.97	51	3330	3.45	79.6

RM Dimensional Data

Size	A	D	G	No	Ni	Nominal Bore ^① Capacity	② E Std.	MAX O	③ MIN C	Size
103	4.06	2.75	3.69	2.16	1.91	1.5	2.25	2.25	3.65	103
153/154	5.56	2.94	4.56	3.12	2.88	2.0	2.44	3.00	3.88	153/154
203/204	6.56	3.53	5.47	3.88	3.62	2.5	3.03	3.75	4.62	203/204
253/254	7.84	4.16	6.50	4.62	4.38	3.0	3.59	4.50	4.88	253/254
303/304	9.09	4.69	7.38	5.44	5.12	3.5	4.19	5.25	5.80	303/304
353/354	10.47	5.25	8.50	6.25	5.88	4.0	4.7	6.00	5.88	353/354
403/404	11.94	6.00	9.47	7.00	6.56	4.5	5.31	6.75	6.88	403/404
453/454	13.06	6.60	10.56	7.75	7.25	5.0	6.03	7.50	7.56	453/454
504/505	14.31	7.25	11.44	8.50	8.00/7.81	5.5	6.75	8.25	8.56	504/505
554/555	15.75	8.03	12.62	9.25	8.69/8.50	6.0	7.41	9.00	8.68	554/555
604/605	17.00	8.62	13.50	10.00	9.38/9.19	6.5	7.94	9.75	10.94	604/605

① Based on 1.5 hub O.D./ bore ratio; larger bores are possible, consult KOP-FLEX for specific applications

② Can be reduced for smaller bores with shorter bore lengths

③ Minimum shaft separation for standard (E) bore lengths and installation without disturbing connected equipment

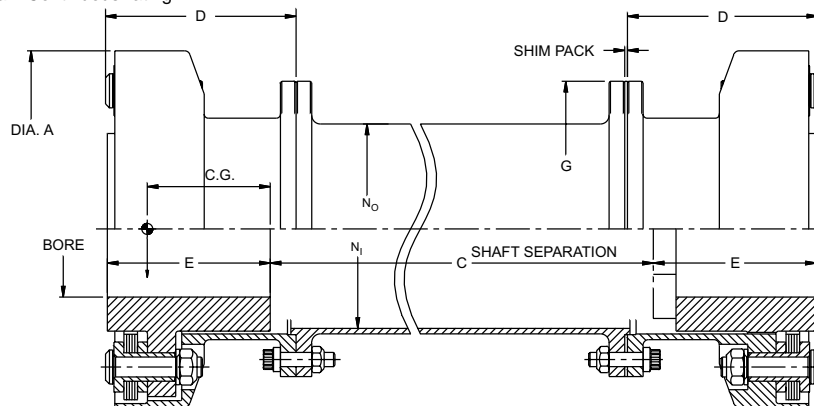
④ A minimum application factor of 1.5 is recommended

⑤ Peak rating is 1.33 x Max. Continuous rating

⑥ Data based on coupling with 18" shaft separation and nominal tapered bores for keyless hydraulic shaft connections; data can be changed to meet specific requirements

⑦ KOP-FLEX torsional stiffness calculation method

⑧ Max Momentary (short circuit) Rating is 1.76 x Max. Continuous rating



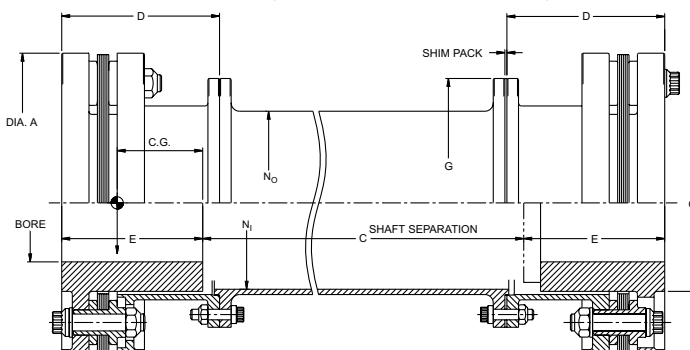
RZ Coupling Selection Data

Size	① Nominal Bore Capacity (in)	④ ⑤ ⑧ Max. Continuous Coupling Rating HP/100 RPM	④ ⑤ ⑧ Max. Continuous Torque Rating (in-lbs)	Maximum Speed RPM	⑥ Total Weight (lbs)	⑥ Total WR ² (lb-in ²)	⑥ Half Coupling C.G. (in)	⑥ ⑦ Torsional Stiffness K (lb-in/rad x 10 ⁶)	Spacer Tube/in		
									K (lb-in x 10 ⁶) rad	Weight (lbs)	WR ² (lb-in ²)
103	1.5	17	11000	34300	13.6	21	1.51	0.36	9.8	0.23	0.24
153	2.0	43	27000	28600	22.1	72.7	1.63	0.90	30.1	0.32	0.72
154	2.0	65	42000	28600	23.6	77	1.57	0.98	30.1	0.32	0.72
203	2.5	79	50000	23800	34.6	163	2.08	1.7	63.7	0.43	1.53
204	2.5	119	75000	23800	35.3	167	2.07	1.8	63.7	0.43	1.53
253	3.0	122	77000	19900	52.5	354	2.42	2.9	102	0.48	2.43
254	3.0	189	119000	19900	53.5	363	2.42	3.0	102	0.48	2.43
303	3.5	197	124000	17100	81.1	732	2.84	5.6	219	0.75	5.24
304	3.5	298	188000	17100	82.5	755	2.84	5.8	219	0.75	5.24
353	4.0	309	195000	14900	121	1460	3.19	8.9	383	1.00	9.18
354	4.0	466	294000	14900	124	1500	3.19	9.2	383	1.00	9.18
403	4.5	451	284000	13100	174	2720	3.48	14	637	1.33	15.3
404	4.5	676	426000	13100	178	2790	3.48	14	637	1.33	15.3
453	5.0	595	375000	11900	229	4260	4.07	19	980	1.67	23.5
454	5.0	917	578000	11900	233	4360	4.06	20	980	1.67	23.5
504	5.5	1160	732000	10900	283	6530	3.95	25	1300	1.83	31.2
505	5.5	1450	915000	10900	301	6950	3.95	28	1740	2.50	41.6
554	6.0	1550	975000	9900	403	11000	4.79	33	1880	2.23	44.9
555	6.0	1940	1220000	9900	424	11600	4.80	36	2440	2.96	58.4
604	6.5	1970	1245000	9200	491	15600	5.41	46	2620	2.67	62.7
605	6.5	2460	1553000	9200	516	16400	5.41	49	3330	3.45	79.6
704	8.0	3720	2345000	7500	880	42100	6.61	93	6100	4.05	146
705	8.0	4650	2931000	7500	920	44400	6.62	99	7790	5.28	187
804	9.0	5510	3470000	6600	1250	76000	7.18	130	10100	5.28	241

RZ Dimensional Data

Size	A	D	G	No	Ni	Nominal Bore ^①	② E Std.	MAX O	③ MIN C	Size
103	3.88	2.75	3.69	2.25	2.00	1.5	2.25	2.12	3.65	103
153/154	5.38	2.94	4.56	3.12	2.88	2.0	2.44	3.00	3.88	153/154
203/204	6.38	3.53	5.47	3.88	3.62	2.5	3.03	3.75	4.62	203/204
253/254	7.62	4.16	6.50	4.62	4.38	3.0	3.59	4.50	4.88	253/254
303/304	8.88	4.69	7.38	5.44	5.12	3.5	4.19	5.25	5.80	303/304
353/354	10.12	5.25	8.50	6.25	5.88	4.0	4.7	6.00	5.88	353/354
403/404	11.50	6.00	9.47	7.00	6.56	4.5	5.31	6.75	6.88	403/404
453/454	12.62	6.60	10.56	7.75	7.25	5.0	6.03	7.50	7.56	453/454
504/505	13.88	7.25	11.44	8.50	8.00/7.81	5.5	6.75	8.25	8.56	504/505
554/555	15.12	8.03	12.62	9.25	8.69/8.50	6.0	7.41	9.00	8.68	554/555
604/605	16.50	8.62	13.50	10.00	9.38/9.19	6.5	7.94	9.75	10.94	604/605
704/705	20.25	10.50	16.00	12.38	11.62/11.38	8.0	9.81	12.00	11.76	704/705
804	22.88	11.88	18.12	13.94	13.06	9.0	11.12	13.50	12.38	804

- ① Based on 1.5 hub O.D./ bore ratio; larger bores are possible, consult KOP-FLEX for specific applications
- ② Can be reduced for smaller bores with shorter bore lengths
- ③ Minimum shaft separation for standard (E) bore lengths and installation without disturbing connected equipment
- ④ A minimum application factor of 1.5 is recommended
- ⑤ Peak rating is 1.33 x Max. Continuous rating
- ⑥ Data based on coupling with 18" shaft separation and nominal tapered bores for keyless hydraulic shaft connections; data can be changed to meet specific requirements
- ⑦ KOP-FLEX torsional stiffness calculation method
- ⑧ Max Momentary (short circuit) Rating is 1.76 x Max. Continuous rating



Conversion Factors (U.S. Customary to Metric)

1 lb (mass)	=	0.4536kg
1 inch	=	25.4 mm
1 in-lb	=	0.113Nm
1 HP	=	0.7457 kW
1 lb-in ²	=	0.000293kgm ²

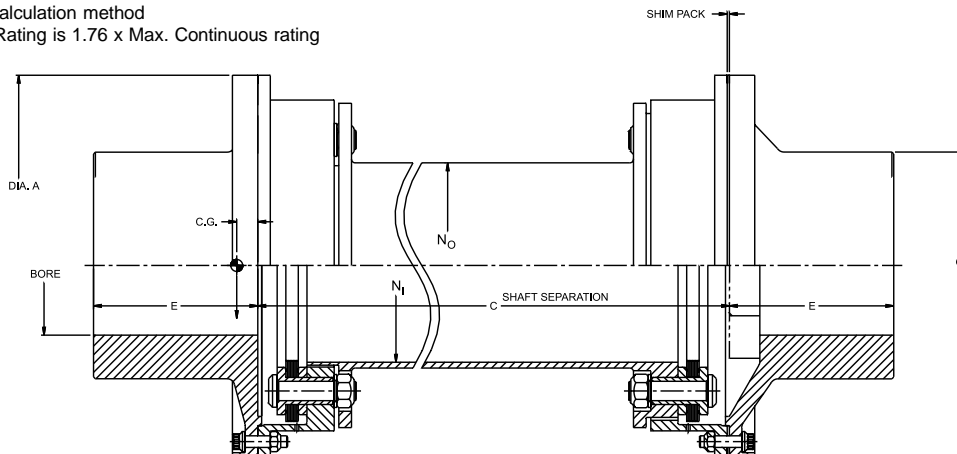
MS Coupling Selection Data

Size	① Nominal Bore Capacity (in)	③ ④ ⑦ Max. Continuous Coupling Rating HP/100 RPM	③ ④ ⑦ Max. Continuous Torque Rating (in-lbs)	Maximum Speed RPM	⑥ Total Weight (lbs)	⑥ Total WR ² (lb-in ²)	⑥ Half Coupling C.G. (in)	⑥ ⑦ Total Stiffness K (lb-in/rad x 10 ⁶)	Spacer Tube/in		
									K (lb-in x 10 ⁶) / rad	Weight (lbs)	WR ² (lb-in ²)
103	2.5	17	11000	27700	18.8	52	0.13	0.52	12.1	0.21	0.29
153	3.5	43	27000	23100	32.9	150	0.18	1.4	41.5	0.38	0.99
154	3.5	65	42000	23100	34.7	134	0.18	1.7	41.5	0.38	0.99
203	4.0	79	50000	20200	47.2	291	0.36	2.4	71.3	0.43	1.71
204	4.0	119	75000	20200	47.5	293	0.36	2.6	71.3	0.43	1.71
253	5.0	122	77000	16900	75.3	669	0.41	4.3	129	0.55	3.10
254	5.0	189	119000	16900	76.2	678	0.41	4.8	129	0.55	3.10
303	6.0	197	124000	14800	110	678	0.46	8.0	252	0.77	6.04
304	6.0	298	188000	14800	112	1310	0.45	8.9	252	0.77	6.04
353	6.5	309	195000	12800	164	2590	0.44	13	458	1.06	11.0
354	6.5	466	294000	12800	167	3630	0.42	14	458	1.06	11.0
403	7.5	451	284000	11300	235	4810	0.40	19	769	1.41	18.4
404	7.5	676	426000	11300	238	4800	0.39	22	769	1.41	18.4
453	8.5	595	375000	10100	317	7960	0.58	27	1190	1.78	28.5
454	8.5	917	578000	10100	322	8080	0.56	31	1190	1.78	28.5
504	9.0	1160	732000	9400	399	11600	0.76	37	1560	1.94	37.2
505	9.0	1450	915000	9400	4007	11500	0.71	41	1560	1.94	37.2
554	10.0	1550	975000	8400	552	20200	0.66	49	2250	2.37	53.9
555	10.0	1940	1220000	8400	564	20100	0.61	54	2250	2.37	53.9
604	11.0	1970	1245000	7900	668	28000	0.83	72	3160	2.84	75.6
605	11.0	2460	1553000	7900	683	27900	0.78	77	3160	2.84	75.6

MS Dimensional Data

Size	A	No	Ni	Typical Bore	② E Std.	MAX O	MIN C	Size
103	5.44	2.45	2.25	2.0	2.39	4.00	4.00	103
153/154	6.81	3.38	3.12	2.5	3.03	5.25	5.00	153/154
203/204	7.81	4.12	3.88	3.0	3.59	6.00	6.00	203/204
253/254	9.31	4.88	4.62	3.5	4.19	7.50	7.00	253/254
303/304	10.62	5.75	5.44	4.0	4.75	9.00	8.00	303/304
353/354	12.28	6.62	6.25	4.5	5.31	9.75	8.00	353/354
403/404	13.94	7.44	7.00	5.0	6.03	11.25	10.00	403/404
453/454	15.56	8.25	7.75	5.5	6.75	12.75	11.00	453/454
504/505	16.69	9.00	8.50	6.0	7.41	13.50	12.00	504/505
554/555	18.69	9.81	9.25	6.5	7.94	15.00	13.00	554/555
604/605	20.00	10.62	10.00	7.0	8.56	16.50	14.00	604/605

- ① Based on 1.5 hub O.D./ bore ratio; larger bores are possible, consult KOP-FLEX for specific applications
- ② Can be reduced for smaller bores with shorter bore lengths
- ③ Minimum shaft separation for standard (E) bore lengths and installation without disturbing connected equipment
- ④ A minimum application factor of 1.5 is recommended
- ⑤ Peak rating is 1.33 x Max. Continuous rating
- ⑥ Data based on coupling with 18" shaft separation and nominal tapered bores for keyless hydraulic shaft connections; data can be changed to meet specific requirements
- ⑦ KOP-FLEX torsional stiffness calculation method
- ⑧ Max Momentary (short circuit) Rating is 1.76 x Max. Continuous rating



Specifications and selection data are subject to change without notice.

MP Coupling Selection Data

Size	① Nominal Bore Capacity (in)	③ ④ ⑦ Max. Continuous Coupling Rating HP/100 RPM	③ ④ ⑦ Max. Continuous Torque Rating (in-lbs)	Maximum Speed RPM	⑥ Total Weight (lbs)	⑥ Total WR ² (lb-in ²)	⑥ Half Coupling C. G. (in)	⑥ ⑦ Total Stiffness K (lb-in/rad x 10 ⁶)	Spacer Tube/in		
									K (lb-in x 10 ⁶) rad	Weight (lbs)	WR ² (lb-in ²)
103	2.5	17	11000	27700	18.5	52	-0.04	0.52	12.1	0.21	0.29
153	3.5	43	27000	23100	33.3	154	0.01	1.4	41.5	0.38	0.99
154	3.5	65	42000	23100	34.3	156	-0.01	1.7	41.5	0.38	0.99
203	4.0	79	50000	20200	47.8	300	0.17	2.3	71.3	0.43	1.71
204	4.0	119	75000	20200	48.5	304	0.14	2.6	71.3	0.43	1.71
253	5.0	122	77000	16900	74.6	669	0.28	4.3	129	0.55	3.10
254	5.0	189	119000	16900	75.5	679	0.25	4.7	129	0.55	3.10
303	6.0	197	124000	14800	109	1290	0.31	7.9	252	0.77	6.04
304	6.0	298	188000	14800	111	1320	0.28	8.8	252	0.77	6.04
353	6.5	309	195000	12800	163	2590	0.26	13	458	1.06	11.0
354	6.5	466	294000	12800	166	2640	0.22	14	458	1.06	11.0
403	7.5	451	284000	11300	233	4730	0.23	19	769	1.41	18.4
404	7.5	676	426000	11300	236	4800	0.19	21	769	1.41	18.4
453	8.5	595	375000	10100	314	7940	0.44	27	1190	1.78	28.5
454	8.5	917	578000	10100	318	8050	0.40	31	1190	1.78	28.5
504	9.0	1160	732000	9400	392	11500	0.56	37	1560	1.94	37.2
505	9.0	1450	915000	9400	399	11700	0.50	40	1560	1.94	37.2
554	10.0	1550	975000	8400	554	20100	0.41	49	2250	2.37	53.9
555	10.0	1940	1220000	8400	553	20500	0.35	53	2250	2.37	53.9
604	11.0	1970	1242000	7900	655	27700	0.62	70	3160	2.84	75.6
605	11.0	2460	1553000	7900	666	28200	0.55	76	3160	2.84	75.6
704	13.0	3720	2345000	6500	1130	69400	0.65	150	7120	4.19	171
705	13.0	4650	2931000	6500	1150	71100	0.57	160	7120	4.19	171
804	14.5	5510	3470000	6100	1590	140000	0.60	210	11100	5.16	266
805	14.5	6880	4337000	5900	1650	145000	0.42	250	13443	6.33	322
905	15.0	9310	5870000	5200	2050	185000	0.76	300	20193	8.64	484

MP Dimensional Data

Size	A	No	Ni	Typical Bore	② E Std.	MAX O	MIN C	Size
103	5.44	2.45	2.25	2.0	2.39	4.00	4.00	103
153/154	6.81	3.38	3.12	2.5	3.03	5.25	5.00	153/154
203/204	7.81	4.12	3.88	3.0	3.59	6.00	6.00	203/204
253/254	9.31	4.88	4.62	3.5	4.19	7.50	7.00	253/254
303/304	10.62	5.75	5.44	4.0	4.75	9.00	8.00	303/304
353/354	12.28	6.62	6.25	4.5	5.31	9.75	8.00	353/354
403/404	13.94	7.44	7.00	5.0	6.03	11.25	10.00	403/404
453/454	15.56	8.25	7.75	5.5	6.75	12.75	11.00	453/454
504/505	16.69	9.00	8.50	6.0	7.41	13.50	12.00	504/505
554/555	18.69	9.81	9.25	6.5	7.94	15.00	13.00	554/555
604/605	20.00	10.62	10.00	7.0	8.56	16.50	14.00	604/605
704/705	24.00	13.12	12.38	8.5	10.38	19.50	17.00	704/705
804/805	26.88	14.75	13.94	9.5	11.59	21.75	19.00	804/805
905	30.00	15.60	14.30	10.0	12.00	22.50	20.00	905

① Based on 1.5 hub O.D./ bore ratio; larger bores are possible, consult KOP-FLEX for specific applications

② Can be reduced for smaller bores with shorter bore lengths

③ Minimum shaft separation for standard (E) bore lengths and installation without disturbing connected equipment

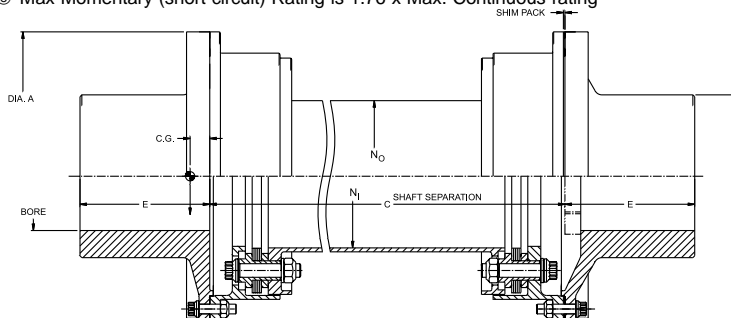
④ A minimum application factor of 1.5 is recommended

⑤ Peak rating is 1.33 x Max. Continuous rating

⑥ Data based on coupling with 18" shaft separation and nominal tapered bores for keyless hydraulic shaft connections; data can be changed to meet specific requirements

⑦ KOP-FLEX torsional stiffness calculation method

⑧ Max Momentary (short circuit) Rating is 1.76 x Max. Continuous rating



Conversion Factors (U.S. Customary to Metric)

1 lb (mass)	=	0.4536kg
1 inch	=	25.4 mm
1 in-lb	=	0.113Nm
1 HP	=	0.7457 kW
1 lb-in ²	=	0.000293kgm ²

AXIAL DATA

3 Bolt Series Axial Displacement

Size	Axial Displacement Max Continuous (in) ①	Max Force (lb)	Floating Weights (lb) 18" Shaft Separation			
			RM	RZ	MS	MP
103	±0.080	120	8.7	8.9	5.5	5
153	±0.115	270	13	13	10	10
203	±0.140	360	20	19	13	12
253	±0.170	430	30	27	19	17
303	±0.200	610	43	40	28	25
353	±0.230	870	63	59	41	36
403	±0.260	1100	90	82	58	51
453	±0.285	1300	120	110	71	62

ANGULAR DATA

3 Bolt Series

Size	Maximum Misalignment (degrees)	Bending Stiffness (lb-in/deg)
103	0.33	150
153	0.33	340
203	0.33	660
253	0.33	930
303	0.33	1410
353	0.33	2390
403	0.33	3690
453	0.33	4690

4 Bolt Series Axial Displacement

Size	Axial Displacement Max Continuous (in) ①	Max Force (lb)	Floating Weights (lb) 18" Shaft Separation			
			RM	RZ	MS	MP
154	±0.080	400	15	14	11	9.8
204	±0.100	570	23	19	13	12
254	±0.120	640	32	27	20	17
304	±0.140	900	48	41	30	25
354	±0.160	1300	73	60	44	37
404	±0.180	1700	100	84	62	53
454	±0.200	1900	140	110	77	64
504	±0.230	2500	160	130	96	78
554	±0.250	3000	240	180	130	100
604	±0.270	3300	270	220	160	120
704	±0.320	4900	—	370	—	220
804	±0.365	7100	—	510	—	295

4 Bolt Series

Size	Maximum Misalignment (degrees)	Bending Stiffness (lb-in/deg)
154	0.25	650
204	0.25	1270
254	0.25	1800
304	0.25	2730
354	0.25	4600
404	0.25	7100
454	0.25	9020
504	0.25	11800
554	0.25	16000
604	0.25	18700
704	0.25	36100
804	0.25	59000

5 Bolt Series Axial Displacement

Size	Axial Displacement Max Continuous (in) ②	Max Force (lb)	Floating Weights (lb) 18" Shaft Separation			
			RM	RZ	MS	MP
505	±0.110	1900	170	150	100	82
555	±0.120	2400	250	200	140	110
605	±0.130	2800	290	240	160	130
705	±0.155	4200	—	400	—	230
805	±0.180	5100	—	—	—	329
905	±0.260	11000	—	—	—	416

5 Bolt Series

Size	Maximum Misalignment (degrees)	Bending Stiffness (lb-in/deg)
505	0.20	20800
555	0.20	27500
605	0.20	32900
705	0.20	59000
805	0.20	89500
905	0.20	121000

① For transient conditions 133% Axial Deflection is allowed for 3 and 4 bolt designs

② For transient conditions 150% Axial Deflection is allowed for 5 bolt designs.

Balancing

KOP-FLEX High Performance disc couplings are designed with balancing in mind.

KOP-FLEX disc couplings are balanced to low levels of residual unbalance and, in contrast to other types of couplings, are built to retain their balance quality.

There are no clearances between mating parts and no parts to wear (like gear teeth in gear couplings); the connections between major components have light interference fits. There is no relative movement possible, even after reassembly.

KOP-FLEX High Performance disc couplings can be balanced to any of the API Standard 671 options. A component balance permits the interchange of duplicate coupling components. The assembly can then be subsequently check balanced without balance corrections. A final balance correction can be made on the assembly after the assembly check. However, this prohibits the later interchange of coupling components. If specified, residual unbalance or balance repeatability tests can be performed in accordance with API 671.

Balancing is done on precision hard-bearing balance machines. A minimal amount of ancillary tooling is used in order to reduce the associated clearance and runout errors.

Major components are match-marked to assure proper reassembly of balanced couplings.

Bolts and nuts are individually weigh balanced, which allows the interchanging of any bolt or any nut.

Field balance holes can also be provided at the request of the customer.

Windage

When couplings rotate at high speeds in enclosures, the resulting air movement generates heat and pressure differentials. This “windage” should be considered in the design of couplings and enclosures, especially when replacing a gear coupling with a dry one.

KOP-FLEX has authored a paper, “Design of Coupling Enclosures,” which is available along with a computer disc containing a program for predicting coupling and guard temperatures. Contact KOP-FLEX for this “Windage” package or for enclosure design recommendations.

Installation

Factory assembled disc pack units greatly simplify the installation of KOP-FLEX High Performance disc couplings.

For reduced moment style couplings, installation consists of mounting the preassembled hub/sleeve/disc pack assemblies onto the equipment shafts. The spacer is then bolted to the sleeve flanges.

For marine style couplings, rigid hubs are mounted on the equipment shafts, then a factory assembled center section is bolted to the rigid hub flanges.

Installation instructions and a general arrangement drawing are supplied with each coupling.

SHIMMING

Two identical steel shim packs are provided with each KOP-FLEX High Performance disc coupling. These packs consist of individual shims of various thicknesses.

The coupling is designed to use one full shim pack if the actual installation shaft or flange separation matches the design start-up separation. This allows for a total spacing adjustment of plus or minus the thickness of one pack.

SHIPPING SCREWS

Shipping screws lock and stabilize the flexing subassembly during machining, balancing and shipping. They also provide built-in tooling to collapse the disc packs during the installation procedure.

PRESTRETCH

Prestretch is the axial stretch of the disc packs established at coupling installation to accommodate changes in shaft separation, such as thermal growth.

Prestretching of the packs ensures that they will run in the neutral position at normal operating conditions. Thus, axial misalignment related stresses will be minimized.

SOLO PLATES

Two types of solo plates are available. These are a moment simulator plate and a solo adapter plate.

A moment simulator plate simulates the connected coupling bending moment on the shaft when required for testing.

A solo adapter plate is used to lock together a coupling subassembly for uncoupled equipment operation, and is an option in API 671. Consult KOP-FLEX if a coupling needs to be soloed without a plate; shipping screws alone can be used to rigidize the coupling subassemblies, but certain conditions must be met.