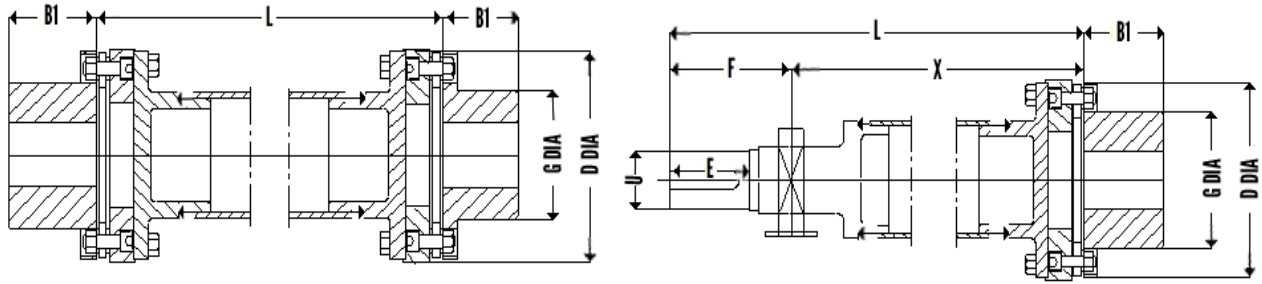




Metaflex Floating Shaft Series

Series 80 SN & Series 80 SF**GENERAL ASSEMBLY DRAWING****SERIES 80 SN****SERIES 80 SF****DIMENSIONS AND STANDARD SIZES**

Size	Nominal HP/100 RPM	Nominal Torque Nm	Peak Torque Nm	Max Bore mm	D	G	B1
65	0.45	32	64	24	66	34	28
80	0.90	64	128	28	75	40	30
100	1.80	128	256	32	87	46	32
125	2.60	185	370	42	102	59	41
150	4.00	285	570	42	105	62	45
162	7.00	500	1000	48	115	71	48
180	9.00	640	1280	55	130	78	55
200	12.00	855	1710	55	143	84	54
220	15.00	1070	2140	65	143	93	62
225	18.00	1282	2562	65	148	93	67
250	25.00	1780	3560	80	173	114	76
262	33.00	2350	4700	80	173	114	76
300	56.00	3990	7980	90	203	128	86
312	56.00	3990	7980	100	203	140	86
350	70.00	4990	9980	105	227	150	95
375	100.00	7125	14250	115	252	170	102
425	140.00	9975	19950	120	273	178	108
450	170.00	12110	24220	135	293	194	114
500	270.00	19230	38460	155	333	226	127
550	400.00	28500	57000	180	373	256	148
600	500.00	35625	71250	190	412	276	153
700	800.00	57000	114000	220	470	318	178
750	1100.00	78375	156750	220	510	321	191
800	1600.00	114000	228000	240	553	349	210



Metaflex Floating Shaft Series

Series 80 SN & Series 80 SF

Size	Weight		Inertia MR ²		End Float		Bolt Torque nm
	SN	SF	SN	SF	SN	SF	
	Kg	Kg	Kg.m ²	Kg.m ²	mm	mm	
65	1.5	1.8	0.001	0.001	1.00	0.50	6
80	2.1	2.0	0.002	0.001	1.20	0.60	10
100	3.0	2.2	0.003	0.002	2.00	1.00	24
125	4.7	3.7	0.007	0.004	2.00	1.00	24
150	4.8	3.8	0.007	0.004	1.30	0.65	24
162	6.6	5.8	0.011	0.007	1.30	0.65	24
180	9.2	8.0	0.020	0.012	1.50	0.75	48
200	11.0	9.7	0.030	0.018	1.80	0.90	48
220	13.5	13.5	0.043	0.026	2.00	1.00	48
225	14.5	13.5	0.044	0.027	1.40	0.70	48
250	20.0	19.0	0.082	0.050	2.20	1.10	48
262	20.0	19.0	0.082	0.050	1.50	0.75	48
300	34.0	31.0	0.190	0.116	3.00	1.50	200
312	30.0	27.0	0.170	0.104	1.90	0.95	80
350	42.0	35.0	0.300	0.180	2.00	1.00	200
375	55.0	49.0	0.470	0.290	2.30	1.15	200
425	75.0	64.0	0.770	0.470	2.50	1.25	400
450	97.0	on req	1.150	on req	2.80	1.40	400
500	122.0	on req	1.950	on req	3.00	1.50	400
550	155.0	on req	3.000	on req	3.20	1.60	540
600	205.0	on req	4.900	on req	3.70	1.85	700
700	314.0	on req	9.800	on req	4.10	2.05	1400
750	395.0	on req	14.200	on req	4.60	2.30	1800
800	580.0	on req	26.000	on req	5.00	2.50	2400

Note - Mass and Inertia are excluding tube and at max bore. Max misalignment 0.5 deg/pack For Maximum Length , Permissible speeds and Tube Dia - see Selection Table.

