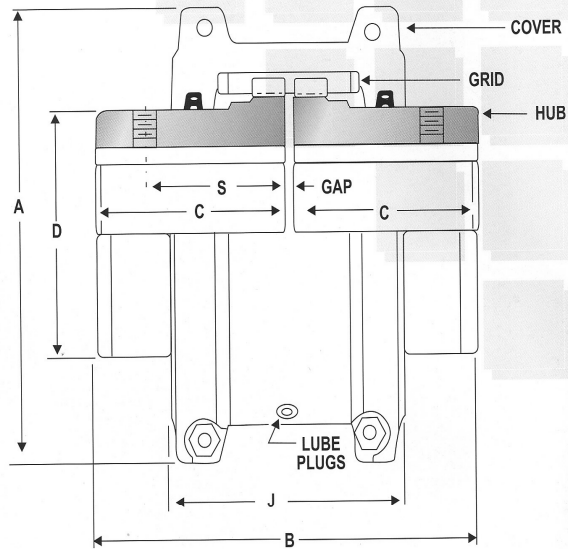
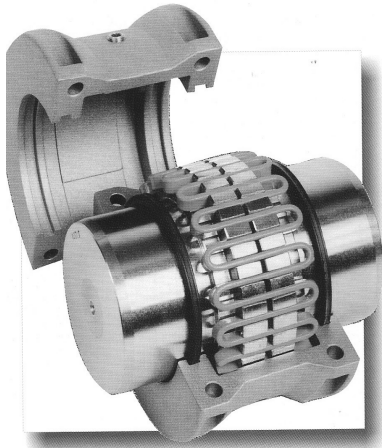


Grid and Gear Couplings



GRID & GEAR COUPLINGS

HORIZONTALLY SPLIT COVERS



CPLG. SIZE	CPLG. RATING Nm	MAX RPM	MIN BORE mm	(2) MAX BORE mm	(1) WT kg	(1) WK ² Kgm	A mm	B mm	C mm	D mm	J mm	GAP mm	S mm
1020TG	48	4500	13	27	1.8	0.0014	102	98	47.5	39.7	66.7	3.2	35
1030TG	136	4500	13	35	2.4	0.0022	111	98	47.5	49.2	68.3	3.2	40
1040TG	226	4500	13	44	3.2	0.033	118	105	50.8	57.2	69.9	3.2	40
1050TG	395	4500	13	51	5.2	0.0073	138	124	60.3	66.7	79.4	3.2	45
1060TG	621	4350	19	57	7.1	0.0119	151	130	63.5	76.2	92.0	3.2	53
1070TG	904	4125	19	68	10.1	0.0185	162	156	76.2	87.3	95.3	3.2	54
1080TG	1864	3600	25	83	17.7	0.0451	194	181	88.9	104.8	115.9	3.2	65
1090TG	3390	3600	25	95	24.5	0.0787	213	200	98.4	123.8	122.2	3.2	72
1100TG	5706	2440	42	108	41.3	0.1782	251	246	120.6	142.1	155.6	4.8	-
1110TG	8475	2250	42	117	53.6	0.2701	270	259	127.0	160.4	162.6	4.8	-
1120TG	12428	2025	60	137	78.7	0.5136	308	305	149.2	179.4	192.0	6.4	-
1130TG	18078	1800	66	165	118.0	0.9885	347	330	161.9	217.5	195.2	6.4	-
1140TG	25987	1650	66	184	176.0	1.8454	384	375	182.8	254.0	201.5	6.4	-
1150TG	36130	1500	108	203	227	-	453	372	182.8	269.0	211.2	6.4	-
1160TG	50810	1350	120	228	307	-	501	402	198.1	304.8	278.9	6.4	-
1170TG	67740	1225	133	254	434	-	566	438	215.9	355.6	304.3	6.4	-
1180TG	93930	1100	152	279	600	-	629	483	238.7	393.7	321.0	6.4	-
1190TG	124000	1050	-	335	4.40	-	675.6	524.2	259.1	436.9	325.1	6	-
1200TG	169000	900	-	360	5.62	-	756.9	564.8	279.4	497.8	355.6	6	-

DOUBLE ENGAGEMENT COUPLINGS FOR HORIZONTAL SHAFTS

Coupling Rating			MAX SPEED RPM ①	Bore Dia mm ②		Dimensions in mm ③										Mass kg Mr ² Inertia kgm ² ④	
SIZE	kW/rpm	kNm		MAX	MIN	A	B	C ⑤	D	F	H	J	M	GAP			
10	0.125	1.2	8000	52	16	116	89	43	69	84	14	39	51	3	4.37	0.0052	
15	0.261	2.5	6500	65	24	152	102	50	86	105	19	48	61	3	8.96	0.0192	
20	0.521	5.0	5600	80	28	178	127	62	105	127	19	60	76	3	14.80	0.041	
25	0.907	8.7	5000	98	35	213	159	77	131	155	22	72	92	5	26.40	0.105	
30	1.344	12.9	4400	115	42	240	187	91	152	181	22	84	106	5	39.60	0.195	
35	2.022	19.4	3900	135	50	279	219	107	178	211	29	98	130	6	65	0.454	
40	3.179	30.5	3600	160	50	318	247	121	210	246	29	111	145	6	96	0.860	
45	4.356	41.8	3200	180	55	346	278	135	235	274	29	123	165	8	131	1.39	
50	5.940	57.0	2900	195	75	389	314	153	254	306	38	141	183	8	186	2.53	
55	8.441	81.0	2650	215	75	425	344	168	279	334	38	158	203	8	247	3.83	
60	9.900	95.0	2450	235	80	457	384	188	305	366	26	169	228	8	299	5.21	
70	15.310	147.0	2150	280	100	527	451	221	356	425	29	196	266	10	473	11.0	



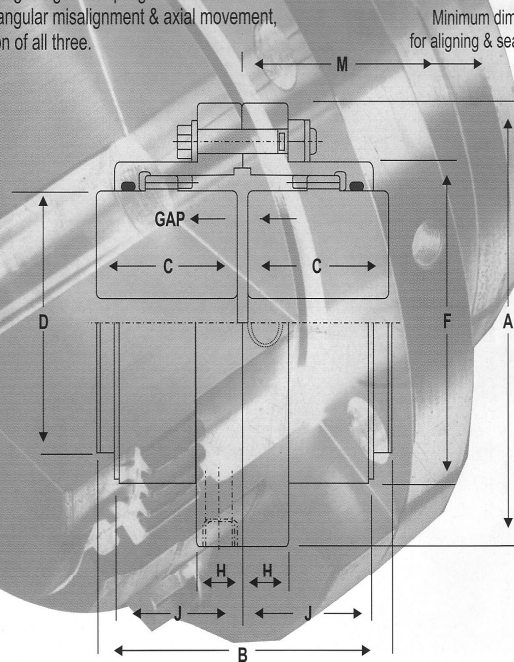
STYLE SG - SIZES 10 TO 70

The standard range of gear couplings will accommodate parallel offset, angular misalignment & axial movement, or a combination of all three.

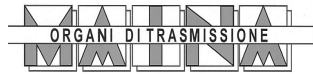
Minimum dimension for aligning & seal removal.

OPERATING MISALIGNMENT

SIZE	PARALLEL	ANGULAR
10	.005	.005
15	.005	.005
20	.010	.010
25	.010	.010
30	.012	.015
35	.012	.015
40	.012	.020
45	.012	.020
50	.012	.020
55	.012	.030
60	.012	.030
70	.012	.030



- 1 The maximum speeds specified above are generally based on the limit of the lubricant being used. To attain these speeds a separate balance operation may be necessary depending on the requirements of the application. Special couplings can be supplied for higher speeds or more sensitive applications.
2. Maximum bores specified are for uniformly loaded drives only.
3. All dimensions are subject to confirmation. General arrangement drawings are available which show certified dimensions.



GO-A, GO-AR & GO-ARR COUPLINGS

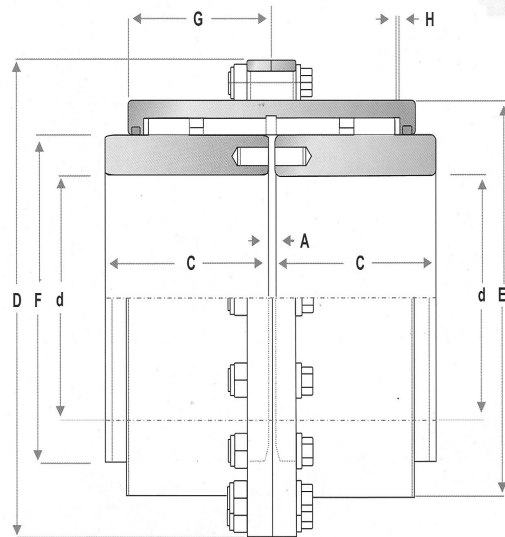


Fig. 01 - GO - A Coupling

TECHNICAL DATA

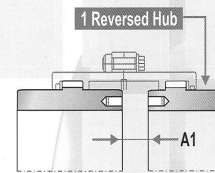


Fig. 02 - GO - AR Coupling

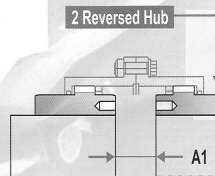


Fig. 03 - GO-ARR Coupling

GO-A Coupling

DENOMINATION EXAMPLE: GO-A GEAR COUPLING SIZE 6

TAB.11

SIZE	Nominal Torque (kNm) Tk	Max Torque (kNm) Tf	Max Speed (1/min) nk	Min Max (mm) d	DIMENSIONS (MM)										Mass Ⓜ [Kg]	Moment of Inertia Ⓜ J [Kgmm²]	Grease Quantity [Kg]	Torsional Stiffness Ⓜ Kx10 [Nm/rad]
					D	C	A	A1	A2	E	F	G	H					
0	1.80	4.32	6000	12-52	111	43	3	5	7	82.5	69	39	1.5	8	0.007	0.08	4.360	
1	2.76	6.62	4620	18-62	142	50	3	8	13	104.5	85	45.5	1.5	13	0.018	0.09	7.310	
2	5.55	13.30	4140	28-78	168	62	3	14	25	130.5	107	59	1.5	23	0.046	0.16	13.45	
3	8.70	20.90	4000	40-98	200	76	5	12	19	158.5	133	68.5	2.5	41	0.120	0.27	24.58	
4	14.10	33.80	3860	50-112	225	90	5	24	43	183.5	152	82.5	2.5	60	0.229	0.47	30.34	
5	22.80	54.70	3720	60-132	265	105	6	27	48	211.5	178	93	3	91	0.501	0.68	47.68	
6	34.80	83.50	3190	70-156	300	120	6	32	58	245.5	209	106	3	141	1.005	0.93	68.27	
7	44.00	105.6	2900	85-174	330	135	8	37	66	275	234	118	4	199	1.734	1.54	97.85	
8	69.80	167.6	2570	95-190	370	150	8	50	92	307	254	138	4	285	3.029	2.28	136.1	
9	83.80	201.1	2330	110-210	406	175	8	53	98	335	279	154	4	352	4.556	3.10	159.9	
10	152.0	364.8	2150	120-233	438	190	8	58	108	367	305	166	4	428	6.165	3.90	203.3	
11	203.5	488.4	1800	130-280	505	220	10	72	134	423	355	193	5	596	12.55	6.20	283.0	