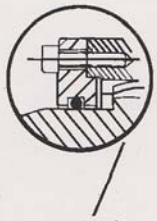
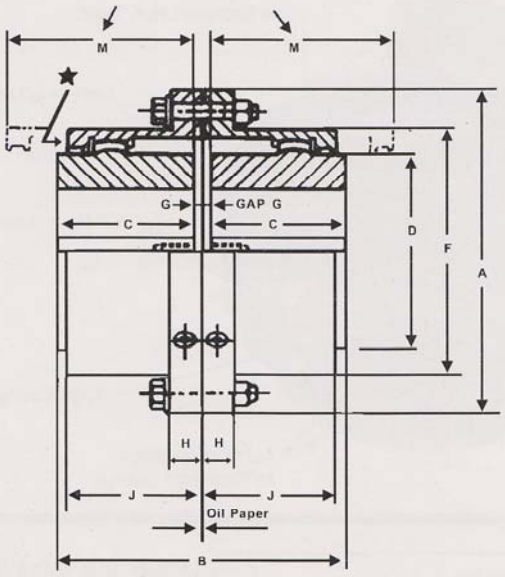
FLEXIBLE GEAR COUPLINGS



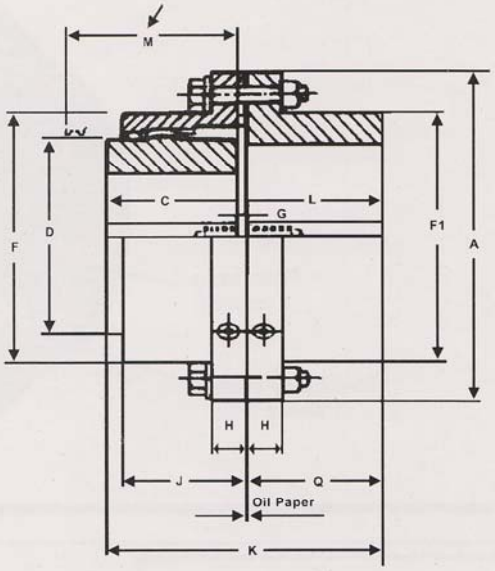
This cover plate construction for sizes GC-105 onwards

Minimum clearance Required for Aligning



FULL FLEXIBLE TYPE

Minimum clearance Required for Aligning



HALF FLEXIBLE TYPE

COMMON FOR BOTH COUPLINGS												FULL FLEXIBLE TYPE					HALF FLEXIBLE TYPE					
DSC G.C.No.	H.P. Capacity At 100 R.P.M.	Max. Torque Kg. M	Max. R.P.M.	Bore Min	A	C	D	F	M	G	H	BORE Max.	J	B	WR² Kgm²	Wt. In Kg	K	Q	BORE Max.	F1	WR² Kgm2	Wt. In Kg
GC-100	7	50	8000	10	120	45	50	75	55	1.5	15	32	40	93	0.03	4.5	93	46.5	45	70	0.04	5
GC-101	14	100	6300	20	170	55	65	110	65	2.5	17	45	49	115	0.14	11'	115	57.5	60	85	0.15	11
GC-102	35	250	5000	30	185	70	85	125	80	2.5	17	60	62	145	0.20	15	145	72.5	75	110	0.24	15
GC-103	63	450	4000	40	220	85	105	150	105	2.5	20	75	78	175	0.48	25	175	87.5	90	130	0.51	20
GC-104	119	850	3350	50	250	105	130	175	125	2.5	20	90	96	215	0.95	39	215	107.5	110	160	1.0	40
GC-105	182	1300	2800	60	290	110	155	200	140	5	25	110	106	230	1.90	57	230	115	130	185	2.0	60
GC-106	280	2000	2500	75	320	125	175	230	155	5	25	125	117	260	3.00	85	260	130	150	215	3.3	80
GC-107	490	3500	2100	90	350	140	205	260	175	5	25	140	134	290	5.25	103	290	145	170	240	5.8	106
GC-108	630	4500	1900	105	380	155	230	290	190	5	25	160	147	320	8.50	138	320	160	200	285	9.5	149
GC-109	784	5600	1700	125	430	165	250	330	205	5	27	180	156	340	15.00	210	340	170	220	315	16.8	170
GC-110	1148	8200	1400	140	490	180	310	390	220	5	27	220	171	370	30.50	277	370	185	260	370	35.0	264
GC-111	1536	11000	1250	160	545	200	350	445	240	5	30	260	192	410	58	550						
GC-112	2053	14700	1120	180	590	240	400	490	280	5	30	300	231	490	88	710						
GC-113	2793	20000	1000	200	680	260	440	555	310	7.5	35	330	242	535	138	980						
GC-114	3994	28600	900	220	730	280	500	610	330	7.5	35	370	266	575	291	1320						
GC-115	4852	34750	800	250	780	320	540	660	370	7.5	35	410	305	655	353	1700						

NOTE

1. Made to order / special Gear Couplings also can be manufactured
2. Dynamic balancing & Heat Treatment will be done on request.

HOW TO SELECT THE RIGHT GEAR COUPLINGS

1. Select the size DSC Coupling that will accommodate the diameter of the largest shaft. Usually this will determine the proper size Coupling for your application.
2. To make sure this Coupling has the required capacity : a) Check your application against the Service Factor Chart. b) Use the following formula to obtain the HP per 100 RPM of your application :

$$\frac{\text{HP x Service Factor x 100}}{\text{RPM}} = \text{HP / 100 RPM}$$

ALSO SUPPLIED WITH FINISH BORE & KEYWAY

DIVIL SALES CORPORATION

Rachna Industrial Complex, Telco Bhosari Road, Opp. Century Enka, Next to JBM Tools, MIDC Bhosari, Pune - 411 026. Tel. : 020 - 7110536, 7110951