



DETAIL : X  
THIS COVER PLATE CONSTRUCTION  
FOR SIZES BFG-105 ONWARDS

### Technical Data For Curved Tooth Flexible Full Gear Couplings

COUPLING SIZE BFG	LOAD CAPACITY		Max. R.P.M.	BORE		Approx Weight (Kg.)	App. GD <sup>2</sup> Value (Kg.-M <sup>2</sup> )	DIMENSION IN M.M.							
	Torque in kgf-m	H.P.PER 100rpm		Max.	Pilot			Aφ	Bφ	Cφ	D	E	F	G	M
101	107	15	6500	50	15	10	0.14	170	110	65	56	50	15	117	66
102	250	35	5200	60	20	15	0.20	185	125	85	66	63	15	145	85
103	451	63	4000	75	30	26	0.45	220	150	105	87	79	20	179	110
104	859	120	3400	90	35	40	0.95	250	175	130	107	97	20	215	130
105	1303	182	2900	110	40	60	2.00	290	200	155	111	105	25	232	145
106	2005	280	2600	125	45	85	3.00	320	230	175	126	118	25	262	160
107	3473	485	2200	140	50	120	5.30	350	260	205	142	135	25	294	175
108	4512	630	2000	160	60	180	8.50	380	290	230	155	146	25	320	190
109	5622	785	1800	180	70	210	15.00	430	330	250	165	157	25	340	205
110	8236	1150	1500	200	100	290	30.00	490	390	310	182	172	25	340	205
111	11000	1536	1250	260	160	550	58.00	545	445	350	200	193	30	410	240
112	14700	2053	1120	300	180	710	88.00	590	490	400	240	232	30	490	280
113	20000	2793	1000	330	200	980	138.00	680	555	440	260	242	35	535	310
114	28600	3994	900	370	220	1320	291.00	730	610	500	280	267	35	575	330
115	34750	4852	800	410	250	1700	353.00	780	660	540	320	306	35	655	370
116	60000	8378	710	455	300	2550	680.00	900	755	625	350	335	45	720	425
117	85350	11917	630	520	375	3620	1235.00	1000	855	720	400	386	45	820	460
118	113000	15778	560	610	450	4860	1965.00	1100	950	810	450	430	55	920	510
119	149000	20805	500	710	520	6380	3012.00	1250	1050	910	485	466	55	1000	560

Combined Gear Coupling with brake drum also available.  
All dimensions are subjected to change without notice.

All dimensions are in mm.

## BOSON ENGINEERING

Flexible Couplings & Expansion Joint

CONTACT US:

OFFICE : 4/19 G.T. ROAD (SOUTH) HOWRAH- 711101

MOBILE : 9830226942. 629125277

e-mail : k.basu@bosonengg.com, website : www.bosonengg.com