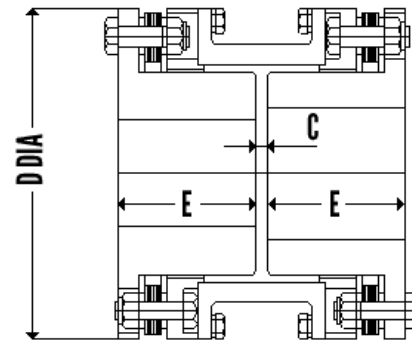


**UNIQUE METAFLEX COUPLINGS****Series 54 CCS Coupling**

The design permits very small distance between shaft ends. The design is ideal for applications where non-spacer Gear Couplings are to be replaced by Metaflex Couplings.

The design has twin disc packs & accommodates misalignment in all directions. The design however requires either driving or driven machine to be shifted for removal of disc packs.

GENERAL ASSEMBLY DRAWING**DIMENSIONS AND STANDARD SIZES**

Size	Nominal HP/100 RPM	Rating Torque NM	Peak Torque NM	Max Speed RPM	Max Bore MM	E, Hub Length MM	D Dia MM	C Dia MM
100	1.8	128	256	7400	25	39	83	3
125	3.7	263	526	7200	32	47	98	3
162	6.9	491	982	7000	42	48	111	3
200	13.5	962	1924	6300	53	54	138	3
225	17.0	1211	2422	6000	58	58	145	3
262	27.8	1980	3960	5500	70	66	168	5
312	38.6	2750	5500	5000	85	72	198	5
350	54.1	3854	7708	4500	100	83	221	6
375	81.1	5777	11554	4000	110	92	246	6
425	115.0	8192	16384	3700	110	101	267	6
450	130.0	9261	18522	3400	120	114	287	8
500	197.0	14035	28070	3300	140	120	327	8
550	341.0	24290	48580	2800	160	135	367	10
600	427.0	30420	60840	2500	175	153	406	10
700	549.0	39110	78220	2500	180	178	464	10

Mass, Inertia, Stiffness are at max bore with standard spacer dimension C listed above. Other C dimension are available as required on request. Hub dimensions can be modified to suit special needs. Max angular misalignment 0.50 Deg /Pack. Misalignment limits are for speeds upto 3000 RPM. For higher Speeds consult us. Bolt Tightening Torques - # for Disc Pack Bolts, ## for Hub Bolts.

**UNIQUE METAFLEX COUPLINGS****Series 54 CCS Coupling****ENGINEERING DATA**

Size	Mass	Inertia MR ²	Maximum Misalignment		Torsional Stiff
	KG	KG.M ²	AXIAL MM	RADIAL MM	MNM/Rad
100	1.8	0.0010	0.9	0.6	10
125	3.1	0.0035	0.9	0.8	24
162	4.4	0.0070	0.9	1.2	24
200	7.3	0.0190	0.9	1.2	48
225	8.2	0.0240	0.9	1.2	48
262	14.1	0.0530	1.1	1.2	48
312	22.0	0.1200	1.3	1.2	80
350	31.0	0.2100	1.4	1.2	200
375	43.0	0.3600	1.6	1.5	200
425	57.0	0.5600	1.7	1.5	400
450	75.0	0.8500	1.8	1.7	400
500	110.0	1.5900	2.1	1.9	400
550	158.0	2.8800	2.3	2.1	540
600	218.0	4.8400	2.6	2.1	700
700	324.0	9.3500	2.9	2.4	1400

Mass , Inertia,Stiffness are at max bore with standard dimension C listed above. Other C Dimension C dimension are available as required on request .Hub dimensions can be modified to suit special needs.

Max angular misalignment 0.50 Deg /Pack .Misalignment limits are for speeds upto 3000 RPM. For higher Speeds consult us . Bolt Tightening Torques - # for Disc Pack Bolts , ## for spacer bolts .