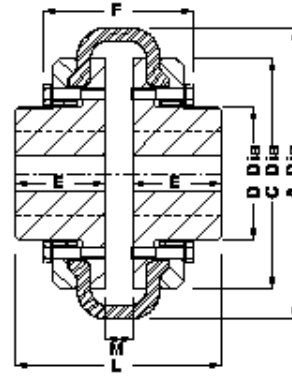


UPTO SIZE TC/M/017



SIZE TC/L/018 AND LARGER

UNIQUE Tyre Type Automatic Flexible Cushion Couplings – TC Series

Dimensions and Technical data

Size	Max Bore	Max Speed	Cont. Rating		Max Torque	A Dia	Appx Dimensions				Torsional Stiffness	Inertia MR ²	Max Misalignment			Weight
			Torque	HP/100 rpm			L	D Dia	E	M			Radial	Axial	Ang	
TC/Z/001	mm	RPM		Nominal		42	54	27	19	16	60	-	1.0	2.0	3.0	0.2
TC/Z/002	11	6000		Nominal		54	68	38	24	20	150	0.0001	1.0	2.0	3.0	0.5
TC/Z/003	14	6000		Nominal		70	78	43	27	24	220	0.0003	1.0	2.0	3.0	0.7
TC/Z/004	18	6000		Nominal		93	74	30	26	22	415	0.0006	1.5	2.0	3.5	0.9
TC/Y/005	22	5500	6	0.08	18	97	74	35	25	24	520	0.0008	1.5	2.0	4.0	1.3
TC/X/006	24	5500	12	0.17	36	105	84	38	32	20	630	0.001	1.5	2.5	4.0	1.6
TC/W/007	28	5500	18	0.25	54	105	111	43	40	31	1000	0.001	1.5	2.5	4.0	1.7
TC/V/008	32	5500	24	0.34	72	120	95	51	37	21	1455	0.003	1.5	2.5	4.0	2.7
TC/U/009	38	5500	36	0.50	108	135	108	58	39	30	1890	0.005	2.0	2.5	4.0	3.4
TC/US/0095	42	5500	46	0.65	138	144	120	66	48	24	2400	0.008	2.0	2.5	4.0	5.2
TC/T/010	45	4400	54	0.75	162	160	132	71	49	34	2600	0.012	2.0	2.5	4.0	6.4
TC/S/011	48	4300	64	0.90	192	164	133	75	51	31	3200	0.016	2.5	2.5	4.0	7.7
TC/R/012	45	4200	84	1.18	282	176	147	71	53	41	4000	0.017	2.5	2.5	4.0	7.4
TC/Q/013	51	3750	132	1.85	396	188	145	80	53	39	4300	0.027	2.5	2.5	4.0	10
TC/P/014	62	3200	200	2.8	600	212	155	95	56	43	6200	0.036	2.5	3.0	4.0	12
TC/O/015	76	2750	265	3.7	795	240	173	118	62	49	8900	0.084	2.5	3.0	4.0	19
TC/N/016	90	2700	355	5.0	1065	270	181	140	68	45	9900	0.148	3.0	3.5	4.0	27
TC/M/017	95	2600	565	7.9	1695	280	215	145	76	63	13400	0.189	3.0	3.5	4.0	32
TC/L/018	100	2550	720	10.1	2160	310	195	154	90	15	14200	0.305	3.5	4.0	4.0	42
TC/K/019	105	2500	940	13.2	2820	316	202	159	96	10	35000	0.358	3.5	4.0	4.0	48
TC/J/020	130	2200	1440	20.2	4320	370	225	203	110	6	47600	0.815	4.0	4.5	4.0	79
TC/I/021	130	2000	1795	25.2	5365	370	240	203	115	10	66000	0.868	4.0	4.5	4.0	85
TC/H/022	150	1700	2870	40.3	8610	412	256	237	118	20	110000	1.49	4.0	5.0	4.0	115
TC/G/023	150	1600	4445	62.4	13335	448	280	230	125	30	188000	1.90	4.5	6.0	4.0	127
TC/F/024	200	1300	6425	90.2	19275	530	282	315	128	26	200000	4.80	5.0	6.0	4.0	218
TC/E/025	165	1250	8215	115.3	24645	546	365	280	147	71	310000	5.20	5.0	6.0	4.0	224

TC/D/026 and larger

Standard Design- Hubs of close grain cast iron , Flexible member for operation upto 60 deg C

Oprional at extra cost – Hubs of steel , Flexible member with oil & heat resistant properties , higher or lower stiffness , higher ratings

Unique Transmission (India) Pvt Ltd