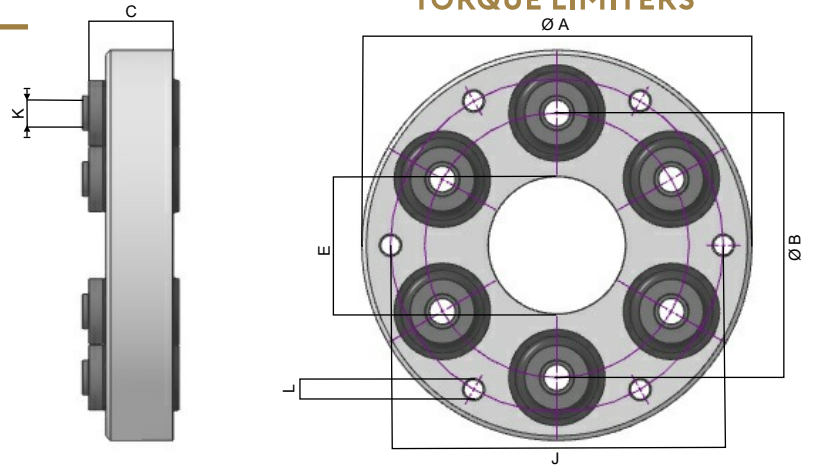


6/6 Series Couplings

Typical Applications

- Generating Sets
- Pump Sets
- Compressor Sets
- Marine Maindrives
- Steel Mills
- Dynamometers
- Fans
- Tractor P.T.O.s



Block Type	Maximum Torque Nm	* Normal Vibratory Torque ± Nm	** Maximum Vibratory Torque ± Nm	Dynamic Torsional Stiffness MNm/RAD					† Static Axial Stiffness N/mm	† Static Radial Stiffness N/mm	† Dynamic Conical Stiffness Nm/deg	Inertia kg m ²	
				Natural Rubber				Neoprene 60/65				I ₁	I ₂
				50/55	60/65	70/75	75/80						
40	515	172	86	.0108	.018	.0315	.036	.0252	1176	8820	31	.0022	.0022
50	814	271	136	.0084	.014	.0245	.028	.0196	1078	4116	43	.0054	.0054
60+	1373	458	229	.0204	.034	.0595	.068	.0476	1568	7056	87	.0138	.0138
65	2170	723	362	.0330	.055	.0962	.110	.0770	1860	9410	130	.0227	.0227
70	2850	950	475	.0462	.077	.1347	.154	.1078	1860	10585	175	.0378	.0378
70+	3530	1176	588	.0740	.123	.2150	.246	.1720	2106	16812	205	.0378	.0378
80	4460	1490	743	.0780	.130	.2275	.260	.1820	2450	11760	294	.0858	.0858
80+	5605	1868	934	.0970	.162	.2840	.324	.2270	2942	14711	358	.0858	.0858
90	6100	2030	1020	.1100	.184	.322	.368	.2660	2940	13525	426	.1383	.1383
100	7300	2430	1220	.1150	.192	.336	.384	.2660	2450	12350	426	.1880	.1880
120	11800	3930	1970	.1380	.230	.4025	.460	.3220	4215	11760	837	.3916	.3916
140	14900	4970	2480	.1560	.260	.4550	.520	.3640	3530	10000	940	.6918	.6918

*Normal torque based on a service factor of 3. **Maximum vibratory torque base frequency of 450 vpm.

†All stiffness values are for natural rubber 60°/65° duro

Block Type	Maximum Coupling Angles		Maximum Extension or Compression per Coupling with θ_1 ° and θ_2 ° (mm)		Maximum Radial Mis-alignment of Single Couplings rev/min	†† Maximum Speed of Single Couplings rev/min	DIMENSIONS (mm)						Basic Coupling Assembly Number	Fixing Kit Number	Weight Kg	
	Continuous θ_1 °	Momentary θ_2 °	θ_1 °	θ_2 °			A	B	C	E	J	K				L
							Dia	PCD		Dia.	PCD					
40	1°	2°	0.6	1.6	0.13	6000	115	76.20	32.5	34.93	98.40	M10	M8	LA21024	LA22022	1.5
50	1°	2°	0.8	2.0	0.13	6000	145	95.26	37.0	44.45	125.42	M12	M10	LA21025	LA22023	2.2
60+	1°	2°	1.2	3.2	0.15	5000	172	114.30	45.0	55.56	152.40	M12	M10	LA21026	LA22024	4.0
65	1°	2°	1.2	3.2	0.15	5000	191	127.00	45.0	60.32	165.10	M12	M12	LA21027	LA22025	5.5
70	1°	2°	1.2	3.2	0.15	5000	210	139.70	53.0	68.26	184.16	M16	M12	LA21028	LA22026	7.2
70+	1°	2°	1.2	3.2	0.15	5000	210	139.70	53.0	68.26	184.16	M16	M12	LA21029	LA22027	7.3
80	1°	2°	1.6	4.0	0.18	4000	253	171.46	55.0	88.90	215.90	M16	M12	LA21030	LA22028	11.0
80+	1°	2°	1.6	4.0	0.18	4000	253	171.46	55.0	88.90	215.90	M16	M12	LA21031	LA22029	11.0
90	1°	2°	1.6	4.0	0.20	3500	276	188.88	61.0	98.43	234.94	M16	M16	LA21032	LA22030	15.1
100	1°	2°	1.6	4.0	0.25	3500	296	200.20	65.0	101.60	250.82	M20	M16	LA21033	LA22031	18.2
120	1°	2°	2.0	4.8	0.25	3000	346	228.60	73.0	107.95	298.44	M24	M16	LA21034	LA22032	30.4
140	1°	2°	2.0	4.8	0.30	2500	394	260.34	80.5	127.00	339.72	M24	M20	LA21035	LA22033	39.5

††For speeds in excess of specified values or maximum shaft speeds, please consult our Engineering Department.