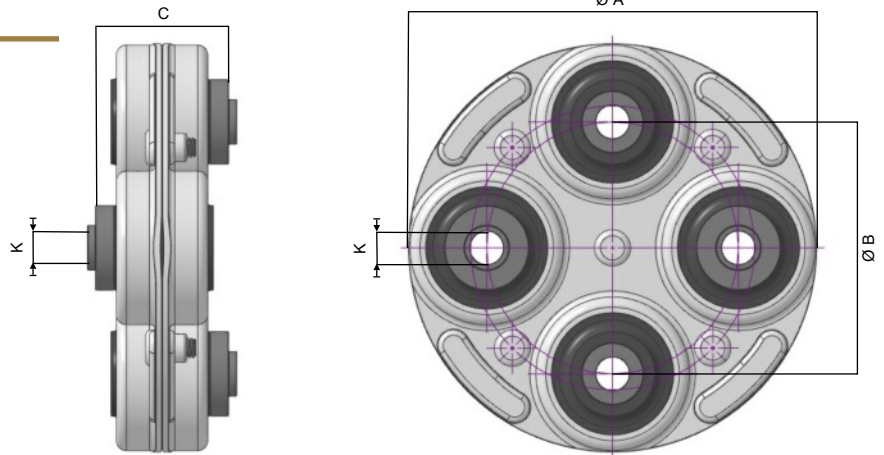


## 2/4 Series Couplings

### Typical Applications

- Dumper Trucks
- Excavators
- Rollers
- Cranes
- Tractors
- Rolling Mills
- Commercial Vehicles
- Electric Vehicles
- Automotive P.T.Os
- Dynamometers
- Marine P.T.Os
- Diesel Auxiliary Drives



Block Type	Maximum Torque Nm	* Normal Torque Nm	** Maximum Vibratory Torque ± Nm	DYNAMIC TORSIONAL STIFFNESS MNm/RAD					† Static Axial Stiffness N/mm	† Static Radial Stiffness Nm/deg	† Dynamic Conical Stiffness Nm/deg	Inertia Kg.m <sup>2</sup>
				NATURAL RUBBER				NEOPRENE 60/65				
				50/55	60/65	70/75	75/80					
40	147	49	24.5	.0012	.0020	.0035	.004	0.0028	196	1472	4	.0010
50	235	78	39.2	.0009	.0015	.0026	.003	0.0021	177	687	6	.0020
60+	392	131	65.3	.0024	.0040	.0070	.008	0.0056	265	1177	10	.0046
65	598	199	100	.0036	.0060	.0105	.012	0.0084	314	1560	16	.0072
70	735	245	122	.0048	.0080	.0140	.016	0.0112	314	1765	21	.0113
70+	929	310	155	.0080	.0130	.0220	.025	0.0180	350	2804	25	.0117
80	1080	360	180	.0072	.0120	.0210	.024	0.0168	402	1962	30	.0169
80+	1351	450	225	.0090	.0140	.0250	.029	0.0200	491	2453	43	.0174
90	1492	497	249	.0102	.0170	.0297	.034	0.0238	470	2256	47	.0334
100	1898	633	316	.0108	.0180	.0315	.036	0.0252	422	2060	48	.0560
105	2712	904	452	.0102	.0170	.0297	.034	0.0236	705	1962	77	.0827
120	3254	1085	542	.0156	.0260	.0455	.052	0.0364	705	1962	101	.1435

\*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 $\theta_1^\circ$ and $\theta_2^\circ$ (mm)		Maximum Radial Mis-alignment of Single Couplings (Mm)	†† Maximum Speed of Single Couplings rev/min	DIMENSIONS (mm)				Basic Coupling Assembly Number	Fixing Kit Number	Weight Kg
	Continuous $\theta_1^\circ$	Momentary $\theta_2^\circ$	$\theta_1^\circ$	$\theta_2^\circ$			A	B	C	K			
							Dia	PCD					
40	2°	5°	1.2	3.2	0.3	6000	102	65.08	41.5	M10	LA21001	LA22001	0.80
50*	3.5°	8°	1.6	4.0	0.3	5000	128	80.96	47.5	M12	LA21002	LA22002	1.13
60+	3.5°	8°	2.4	6.4	0.4	5000	153	96.84	57.0	M12	LA21004	LA22004	1.81
65	3.5°	8°	2.4	6.4	0.4	5000	167	104.78	57.0	M12	LA21005	LA22005	2.35
70	3.5°	8°	2.4	6.4	0.4	5000	178	109.54	68.5	M16	LA21006	LA22007	3.29
70+	3.5°	8°	2.4	3.2	0.4	5000	178	109.54	68.5	M16	LA21008	LA22009	3.43
80	3.5°	8°	3.2	7.9	0.5	4500	203	125.42	68.5	M16	LA21010	LA22010	4.35
80+	3.5°	8°	3.2	3.9	0.5	4500	203	125.42	68.5	M16	LA21011	LA22010	4.47
90	3.5°	8°	3.2	7.9	0.5	4000	229	141.28	76.0	M16	LA21012	LA22012	5.83
100	3.5°	8°	3.2	7.9	0.6	3500	254	157.12	79.5	M20	LA21013	LA22013	7.68
105	3.5°	8°	4.0	9.5	0.6	2500	270	157.12	92.0	M24	LA21014	LA22014	11.10
120	3.5°	8°	4.0	9.5	0.6	2000	305	187.32	92.0	M24	LA21015	LA22014	13.38

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

\*Type 50 has a  $\phi$ 22 hole through the centre.