



TECHNICAL DATA - LM

Coupling Size	kW at 100 rpm	Torque Nm	Max Speed rpm	Bore			Min. DBSE 'S'	Std. DBSE 'S'	C	ØA	ØB	* M	Weight in kg. Approx.		M. I. (WR ²) in kgm ² Approx.		Tors. Stiff. MNm/rad Approx.
				Min.	Max.								Min. Std. 'S'	Per Mtr Extra 'S'	Min. Std. 'S'	Per Mtr Extra 'S'	
					Type I	Type II											
5	0.35	33	7500	8	20	22	41	100	25	55	30	65	0.9	2	0.0003	0.0003	0.016
10	0.67	64	7500	10	22	25	55	140	30	63	35	75	1.3	2.3	0.0007	0.0004	0.031
35	1.67	159	7000	12	30	38	57	100	40	82	45	85	2.47	3.2	0.0021	0.0011	0.025
95	5.4	516	6000	17	40	50	82	140	45	102	57	95	4.6	3.2	0.006	0.0011	0.04
170	9.0	859	5200	17	52	70	89	180	55	128	77	110	8.1	7	0.018	0.0047	0.099
220	14.0	1337	4800	22	65	80	108	140	60	146	94	120	12.1	8.4	0.036	0.0088	0.176
400	25.0	2387	4400	27	80	100	114	180	70	176	115	140	20	13.1	0.09	0.021	0.305
520	35.0	3342	4200	32	90	115	126	180	90	197	132	175	30.5	21.7	0.17	0.056	0.432
1000	53.0	5061	4000	42	105	130	143	250	95	225	147	185	43.4	21.7	0.32	0.056	0.6
1300	75.0	7162	3800	47	115	140	168	180	105	250	162	195	61.6	27.1	0.55	0.067	0.8
2000	105.0	10027	3700	52	120	155	180	250	115	275	178	215	82	42.8	0.88	0.167	1.5
2500	140.0	13369	3600	62	135	165	180	300	130	300	190	235	107.1	42.8	1.38	0.167	1.4

TECHNICAL DATA - LMK

Coupling Size	kW at 100 rpm	Torque Nm	Max Speed rpm	Bore			DBSE G	C	ØA	ØB	* M	Weight in kg. (Approx.)	M. I. (WR ²) in kgm ² (Approx.)	Torsional Stiffness MNm/Rad (Approx.)
				Min.	Max.									
					Type I	Type II								
5	0.35	33	7500	8	20	22	5.2	25	55	30	65	0.55	0.00020	0.0360
10	0.67	64	7500	10	24	25	6.5	30	63	35	75	0.87	0.00030	0.0430
35	1.67	159	7000	12	30	38	6.5	40	82	45	85	1.8	0.0008	0.062
95	5.4	516	6000	17	40	50	8	45	102	57	95	3.2	0.0026	0.118
170	9.0	859	5200	17	52	70	9.5	55	128	77	110	5.83	0.0087	0.260
220	14.0	1337	4800	22	65	80	12	60	146	94	120	8.4	0.017	0.492
400	25.0	2387	4400	27	80	100	13	70	176	115	140	14.1	0.045	1.228
520	35.0	3342	4200	32	90	115	14.4	90	197	132	175	22.1	0.089	1.926
1000	53.0	5061	4000	42	105	130	16.2	95	225	147	185	30.7	0.16	3.613
1300	75.0	7162	3800	47	115	140	19.5	105	250	162	195	42.8	0.27	ON REQUEST
2000	105.0	10027	3700	52	120	155	21.5	115	275	178	215	57.6	0.44	
2500	140.0	13369	3600	62	135	165	23.5	130	300	190	235	76.2	0.67	

- All dimensions are in mm. unless otherwise specified.
 - For vertical installation contact RATHI.
 - Non Standard DBSE available on request.
 - Please specify type of hubs (I/I, I/II or II/II).
 - Weight, M. I. and Stiffness are at max. bores with min. Std. DBSE with one I / II hub combination.
 - Available for non-sparking applications on request.
 - Coupling with taper bush also available on request.
 - Coupling with sizes higher than 2500 available on request.
- * M' is only for hub type II.