



TECHNICAL DATA

Coupling Size	kW at 100 RPM	Torque Nm	Max. Speed rpm	Min. Bore	Max. Bore		ØA	ØD1	ØD2	L	S	Wt. in kg.	M.I.(WR) ³ in kgm	Max. Misalignment (±)		
					ØB1	ØB2								Axial (mm)	Radial (mm)	Angular
RB-105-3	1.0	95	7200	11	30	32	105	48	50	45	2-6	2	0.0030	2	0.3	1°
RB-116-4	1.5	146	6100	12	39	42	116	60	68	45	2-6	2.6	0.0050	2	0.3	1°
RB-125-4	1.7	166	5500	14	45	50	125	68	78	50	2-6	3.1	0.0070	2	0.4	1°
RB-144-6	3.3	318	4900	18	50	60	144	82	91	55	2-6	4.3	0.012	2	0.4	1°
RB-162-6	5.5	525	4500	22	60	65	162	89	100	60	2-6	7.5	0.030	2	0.4	1°
RB-178-6	6.7	643	3800	24	70	75	178	105	115	70	2-6	10	0.040	2	0.5	1°
RB-198-10	13	1248	3400	28	80	90	198	124	135	80	2-6	13	0.062	2	0.5	1°
RB-228-11	21	2050	3000	28	90	100	228	133	146	90	4-10	18	0.100	3	0.6	1°
RB-252-12	32	3069	2700	38	105	115	252	156	167	100	4-10	24	0.17	3	0.6	1°
RB-285-11	48	4552	2400	48	115	125	285	170	186	110	4-10	35	0.31	3	0.7	1°
RB-320-12	64	6099	2100	55	125	135	320	196	212	125	4-10	51	0.53	3	0.7	1°
RB-360-11	93	8900	1900	65	135	150	360	212	232	140	4-12	73	1.02	4	0.9	1°
RB-400-10	126	12051	1700	75	160	160	410	230	230	160	4-12	101	1.70	4	1.1	1°
RB-450-12	195	18602	1500	85	180	180	450	260	260	180	4-12	137	2.90	4	1.1	0.5°
RB-500-14	270	25802	1350	95	200	200	500	290	290	200	4-12	180	4.70	4	1.1	0.4°
RB-560-10	325	31003	1200	95	225	225	560	320	320	220	4-8	278	10.70	2	1.5	0.3°
RB-630-12	440	41998	1050	100	250	250	630	355	355	240	4-8	365	17.4	2	1.5	0.3°
RB-710-12	785	75000	950	100	260	260	710	385	385	260	5-9	516	33	2	1.8	0.3°
RB-800-14	1047	100000	850	100	280	280	800	420	420	290	5-9	691	53	2	1.8	0.3°
RB-900-16	1623	154998	750	100	305	305	900	465	465	320	5-9	927	86	2	1.8	0.3°
RB-1000-18	2042	194997	680	125	320	320	1000	515	515	350	5-10	1224	142.8	2	2	0.1°
RB-1120-18	2827	269997	600	135	350	350	1120	560	560	380	6-11	1584	231	2	2.2	0.1°
RB-1250-20	3613	344997	550	150	380	380	1250	610	610	420	6-11	2070	367.5	2	2.4	0.1°
RB-1400-20	5550	529999	490	175	440	440	1400	700	700	480	6-12	3060	693	2	2.7	0.1°
RB-1600-24	7854	749995	430	200	480	480	1600	770	770	540	6-12	3960	1155	2	3	0.1°
RB-1800-22	10210	974996	380	225	540	540	1800	870	870	600	8-16	5760	2205	2	3.4	0.1°
RB-2000-26	13614	1299997	340	250	600	600	2000	960	960	660	8-16	7020	3255	2	3.8	0.1°

● PH = Pin Half (Drive) upto size 360 ● BH = Bush Half (Driven) upto size 360

SPARE PARTS

Coupling SIZE	Pin Half Part No.	Bush Half Part No.	Pin + Washer Part No.	Bush Part No.	No. Of Pin-Bush Assy./Coupling	Nut Size
RB-105-3	RB-105-3/1	RB-105-3/2	RB/P-2	RB/B-2	3	M8
RB-116-4	RB-116-4/1	RB-116-4/2	RB/P-2	RB/B-2	4	M8
RB-125-4	RB-125-4/1	RB-125-4/2	RB/P-2	RB/B-2	4	M8
RB-144-6	RB-144-6/1	RB-144-6/2	RB/P-2	RB/B-2	6	M8
RB-162-6	RB-162-6/1	RB-162-6/2	RB/P-3	RB/B-3	6	M10
RB-178-6	RB-178-6/1	RB-178-6/2	RB/P-3	RB/B-3	6	M10
RB-198-10	RB-198-10/1	RB-198-10/2	RB/P-3	RB/B-3	10	M10
RB-228-11	RB-228-11/1	RB-228-11/2	RB/P-4	RB/B-4	11	M14
RB-252-12	RB-252-12/1	RB-252-12/2	RB/P-4	RB/B-4	12	M14
RB-285-11	RB-285-11/1	RB-285-11/2	RB/P-5	RB/B-5	11	M16
RB-320-12	RB-320-12/1	RB-320-12/2	RB/P-5	RB/B-5	12	M16
RB-360-11	RB-360-11/1	RB-360-11/2	RB/P-6	RB/B-6	11	M20
RB-400-10		RB-400-10	RB/P-7	RB/B-7	10	M20
RB-450-12		RB-450-12	RB/P-7	RB/B-7	12	M20
RB-500-14		RB-500-14	RB/P-7	RB/B-7	14	M20
RB-560-10		RB-560-10	RB/P-8	RB/B-8	10	M36
RB-630-12		RB-630-12	RB/P-8	RB/B-8	12	M36
RB-710-12		RB-710-12	RB/P-9	RB/B-9	12	M42
RB-800-14		RB-800-14	RB/P-9	RB/B-9	14	M42
RB-900-16		RB-900-16	RB/P-9	RB/B-9	16	M42

- NOTES -**
- * All dimensions are in mm. Unless otherwise specified.
 - * Weight & Inertia figures are at maximum bores.
 - * Each coupling is capable of withstanding maximum torque of 3 times of nominal torque for short durations such as during start up.
 - * For vertical installation contact RATHI.

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