



Couplings, Pulleys & Sprockets



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**Pin Bush Coupling
(RB-Series)**

Product Range



Taper Lock Pulley



V. Belt Pulley



Timing Pulley



Poly V Pulley



Keyless Bush



Pin Bush Coupling



Tyre Coupling



Star Coupling



HRC Jaw Coupling



Gear Coupling



Sprockets



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OUR FACILITY



Pin Bush Coupling (RB Series)

Shakti B FLEX couplings consist of a set of resilient BARREL shaped bushes with pins & nuts and two flanged hubs of graded cast iron.

These special BARREL shaped bushes permit MISALIGNMENT IN ALL DIRECTIONS and give extra torsional flexibility as compared to plain bushes. These couplings are suitable for general engineering application requiring reliable power transmission even under conditions of shaft misalignments which are often unavoidable.

SIMPLE / EASY MAINTENANCE No complicated mechanism to demand adjustment or maintenance. Inspection and replacement of bushes is easy and bushes can be quickly fitted without dismantling or moving either of coupled shafts.

LOW OPERATIONAL COST

Only wearing part is low cost bushes which make coupling economical in long run.

SMOOTH & QUIET OPERATION

Reduces vibration & noise arising from severe torque fluctuations.

NO LUBRICATION

B-FLEX couplings never require lubrication of any kind.

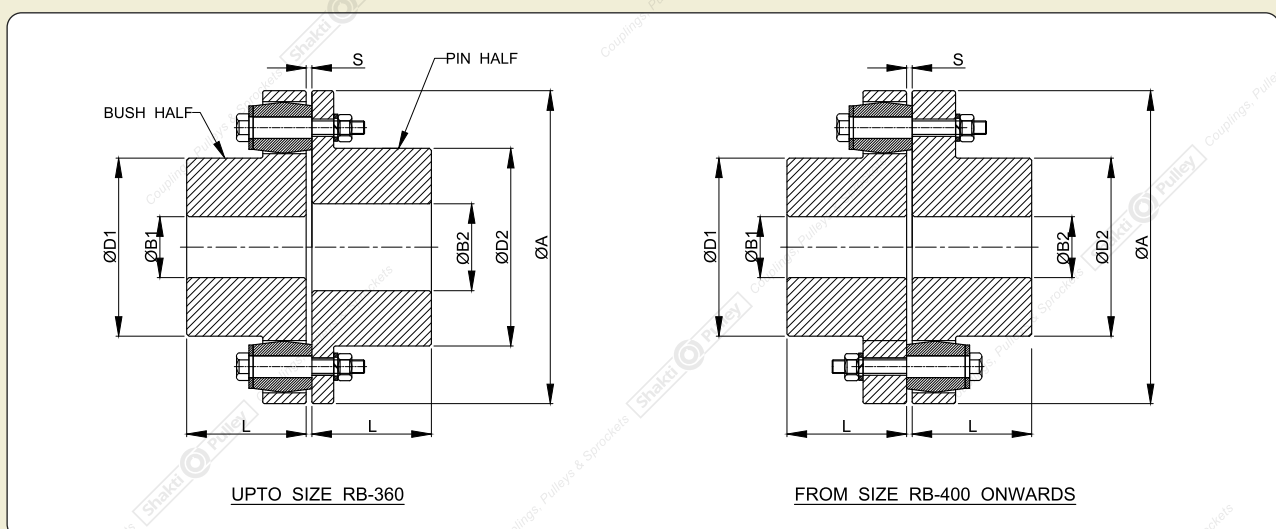


TABLE 2 - DIMENSIONS

Coupling Size	Coupling Rating at 1500 RPM		Max. Speed rpm	Min Bore	Max. Bore		ØA	ØD1	ØD2	L	S	Wt. in kg.	M.I. (WR2) in kgm2	Max. Misalignment (+)		
	HP	KW			ØB1	ØB2								Axial (mm)	Radial (mm)	Angular
RB-105-3	20	15	7200	11	30	32	105	48	50	45	2-6	2	0.003	2	0.3	1°
RB-116-4	31	23	6100	12	39	42	116	60	68	45	2-6	2.6	0.005	2	0.3	1°
RB-125-4	35	26	5500	14	45	50	125	68	78	50	2-6	3.1	0.007	2	0.4	1°
RB-144-6	67	50	4900	18	50	60	144	82	91	55	2-6	4.3	0.012	2	0.4	1°
RB-162-6	111	82.5	4500	22	60	65	162	89	100	60	2-6	7.5	0.03	2	0.4	1°
RB-178-6	135	101	3800	24	70	75	178	105	115	70	2-6	10	0.04	2	0.5	1°
RB-198-10	263	196	3400	28	80	90	198	124	135	80	2-6	13	0.062	2	0.5	1°
RB-228-11	432	322	3000	28	90	100	228	133	146	90	4-10	18	0.1	3	0.6	1°
RB-252-12	646	482	2700	38	105	115	252	156	167	100	4-10	24	0.17	3	0.6	1°
RB-285-11	960	715	2400	48	115	125	285	170	186	110	4-10	35	0.31	3	0.7	1°
RB-320-12	1285	958	2100	55	125	135	320	196	212	125	4-10	51	0.53	3	0.37	1°
RB-360-11	1875	1398	1900	65	135	150	360	212	232	140	4-12	73	1.02	4	0.9	1°
RB-400-10	2538	1893	1700	75	160	160	400	230	230	160	4-12	101	1.7	4	1.1	1°
RB-450-12	3917	2922	1500	85	180	180	450	260	260	180	4-12	137	2.9	4	1.1	1°
RB-50014	5433	4053	1350	95	200	200	500	290	290	200	4-12	180	4.7	4	1.1	0.5°
RB-560-10	5429	4870	1200	95	225	225	560	320	320	220	4-8	278	10.7	2	1.5	0.4°
RB-630-12	8844	6597	1050	100	250	250	630	355	355	240	4-8	365	17.4	2	1.5	0.3°
RB-710-12	15793	11781	950	100	260	260	710	385	385	260	5-9	516	33	2	1.5	0.3°
RB-800-14	21057	15708	850	100	280	280	800	420	420	290	5-9	691	53	2	1.8	0.3°
RB-900-16	32637	24347	750	100	305	305	900	465	465	320	5-9	927	86	2	1.8	0.3°

Shakti Pulley reserves the right to alter non-critical dimension and specifications without prior intimation
 All dimension in 'mm'
 All Pulleys / Coupling are supplied without balancing. Balancing charges are extra if required.



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Shakti Pulley Manufacturing Company



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