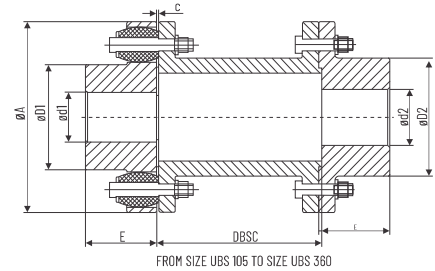




RSV Industries Pvt. Ltd.

UTL UBS COUPLINGS

UTL FLEXIBLE COUPLINGS



FEATURES

- Assembling and dismantling is very easy.
- By removing the pins, prime mover can be run independently.
- Standard bushes (Element) in Natural rubber.
- After removing the pins, the hub with shaft can be removed up wards without disturbing the alignment.
- The flexible bushes remain unaffected by water, dust and atmospheric conditions.
- Working temperature up to 70° C
- Maximum permissible misalignment : Angular 1° , Parallel 0.9 mm & Axial 4 mm

DIMENSIONS & TECHNICAL DATA

Size	Rated Torque Nm	kW. Rating at 100 rpm	Max. Speed rpm	Min Bore	Max. Bore		DBSC	ØA	ØD1	ØD2	E	C	Max. Misalignment			No of Holes	Wt in. Kg approx. in Pilot Bore	M.I. in kg. m2 in Pilot Bore
					Ød1	Ød2							Axial mm	Radial mm	Angular			
105	95	1.00	7200	11	30	32	100/140	105	48	50	45	2-6	2	0.3	0.5°	3	4.57/4.86	0.005
116	146	1.53	6100	12	39	42	100/140	116	60	68	45	2-6	2	0.3	0.5°	4	6.04/6.63	0.007
125	166	1.73	5500	14	45	50	100/140	125	68	78	50	2-6	2	0.4	0.5°	4	7.43/8.13	0.011
144	318	3.33	4900	18	50	60	100/140/180	144	82	91	55	2-6	2	0.4	0.5°	6	9.99/10.75/11.52	0.020
162	525	5.50	4500	22	60	65	100/140/180	162	89	100	60	2-6	2	0.4	0.5°	6	14.35/14.28/16.33	0.039
178	643	6.73	3800	24	70	75	100/140/180	178	105	115	70	2-6	2	0.5	0.5°	6	20.00/20.16/21.31	0.060
198	1248	13.07	3400	28	80	90	100/140/180	198	124	135	80	2-6	2	0.5	0.5°	10	25.39/26.78/28.16	0.100
228	2050	21.47	3000	28	90	100	140/180	228	133	146	90	4-10	3	0.6	0.5°	11	39.22/40.78	0.210
252	3069	32.13	2700	38	105	115	140/180	252	156	167	100	4-10	3	0.6	0.5°	12	50.81/52.68	0.330
285	4552	47.67	2400	48	115	125	140/180	285	170	186	110	4-10	3	0.7	0.5°	11	73.11/75.50	0.660
320	6099	63.87	2100	55	125	135	140/180	320	196	212	125	4-10	3	0.7	0.5°	12	99.42/102.26	1.070
360	8900	93.20	1900	65	135	150	180	360	212	232	140	4-12	4	0.9	0.5°	11	145.36	2.020

MATERIAL SPECIFICATIONS

Hub	105 - 360	Cast Iron	CI	DIN 1693 GG 20
Bush	80° Shore A	Natural Rubber	NR	ST.ASTM D2000 810
Coupling pin	-	Steel C 40	St	EN/DIN 10263-2

• Alternative for higher power ratings

Bush	92° Shore A	Natural Rubber	NR	ST.ASTM D2000 910
Bush	98° Shore A	Polyurethane	PU	-



• For temperature range of elastomers please see on page no. 37 - coupling selection



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