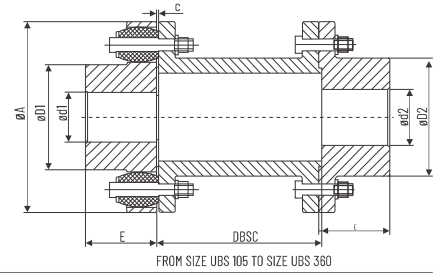




Riddhi Engineering Company

## 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. m <sup>2</sup> 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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