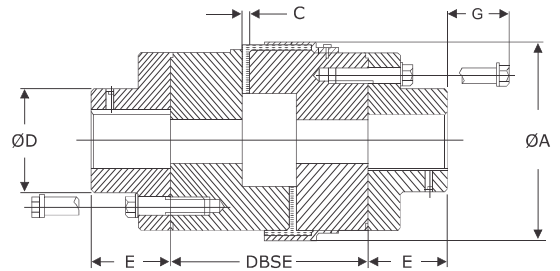




Riddhi Engineering Company

UTL UCWS COUPLINGS
(T Cushio with Spacer)

UTL FLEXIBLE COUPLINGS



FEATURES

- Simple construction, quick and easy installation
- T Cushion design presets correct distance between hubs, using raised dimple on leg of the T Cushion
- Without disturbing the pump alignment & piping etc, maintenance is possible. Can also be used where quick disconnection of drive and driven units is required like compressors, generator & blowers etc.
- Range up to 4308 Nm
- Maximum permissible misalignment: angular 1°, parallel 0.4 mm & axial 3 mm (initial alignment must be 25 % of maximum)

DIMENSIONS & TECHNICAL DATA

Size	Rated Torque Nm	kW Rating at			Dimensions are in mm									Torsional Stiffness Nm / rad	Wt in. Kg approx.	Moment of inertial (kg.m ²)
		100 rpm	1500 rpm	3000 rpm	Min. Bore	Max. Bore	DBSE	ØA	ØD	E	C	G				
226	324	3.430	51.45	102.90	25	70	135, 140, 180, 250	141.5	134	50	3	40	6990	20.81	On request UTL will provide data. According to spacer length.	
276	532	5.600	84.00	168.00	25	75	135, 140, 180, 250	161.5	135	60	3	40	12720	22.50		
280	782	8.200	123.00	246.00	30	75	135, 140, 180, 250	196.5	135	60	3	-	22517	35.00		
295	1279	13.400	201.00	-	40	95	135, 140, 180, 250	243.0	160	65	3	-	51222	57.60		
2955	2132	22.400	336.00	-	50	100	135, 140, 180, 250	243.0	160	65	3	-	85428	-		
300	3047	31.900	478.50	-	50	110	135, 140, 180, 250	265.0	180	80	3	-	126395	81.00		
350	4308	45.00	675.00	-	50	115	135, 140, 180, 250	318.0	205	90	3	-	183633	101.00		

• For non standard DBSE please contact UTL

MATERIAL SPECIFICATIONS

Jaw	Size - 226-350	Cast Iron	CI	DIN 1693 GG 20
Adaptor	Size - 226-350	Cast Iron	CI	DIN 1693 GG 25
T Cushion 80° Shore A	All Size	Synthetic Rubber	NBR	ASTM D2000 BG 810
Hex Bolt	All Size	High Tensile	St	ISO 4014 : Gr 8.8
Outer ring	Size - 226-350	Mild. Steel	CRCA	BS 970

• Alternative T Cushion for higher power ratings is available on request.

T Cushion 92° Shore A	All Size	Synthetic Rubber	NBR	ASTM D2000 BG 910	Torque 1.6 times of standard
T Cushion 80° Shore A	All Size	Synthetic Rubber	EPDM	ASTM D2000 AA 810	Torque as per standard
T Cushion 92° Shore A (Yellow Colour)	All Size	Polyurethane	PU		Torque 1.8 times of standard
T Cushion 98° Shore A (Red Colour)	All Size	Polyurethane	PU		Torque 2.5 times of standard

• Max speed not to exceed surface speed V = 35m / sec



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



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