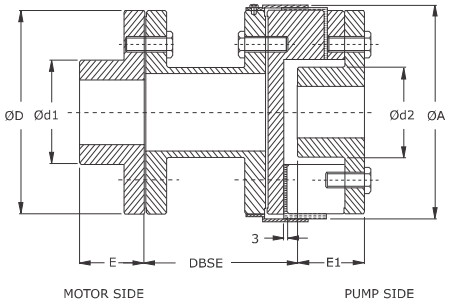
Riddhi Engineering Company

UTL USWS COUPLINGS
(T Cushio with Spacer)

UTL FLEXIBLE COUPLINGS



FEATURES

- Rigid construction yet flexible
- Design made for ease in maintenance yet accommodating shaft constraints
- No down time or lost production
- No metal to metal contact
- Lubrication free
- Long life
- Maximum permissible misalignment: angular 1°, parallel 0.4 mm & axial 3 mm (initial alignment must be 25 % of maximum)

DIMENSIONS & TECHNICAL DATA

Size	Power Rating at				Dimensions are in mm										Wt in. Kg approx.	Moment of inertial (kg.m2)
	Synthetic Rubber		Polyurethane		Motor side bore		Pump side bore		DBSE	ØA	ØD	Ød1	Ød2	E	E1	
	Rated Torque Nm	kW @ 100 rpm	Rated Torque Nm	kW @ 100 rpm	Min. Bore	Max. Bore	Min. Bore	Max. Bore								
276	534	5.6	802	8.4	25	75	24	42	140, 180	173	154	130	70	60	60	On request UTL will provide data.
280	783	8.2	1175	12.3	30	80	28	55		208	189	130	90	65	60	
295	1280	13.4	1920	20.1	30	95	28	65		253	234	160	106	80	70	
2955	2139	22.4	3209	33.6	30	105	28	70		253	234	160	106	80	75	
300	3046	31.9	4570	47.9	30	105	28	75		272	251	180	122	88	80	
350	4298	45.0	6446	67.5	30	115	30	80		323	302	200	130	90	90	

On request UTL will provide data. According to spacer length.

MATERIAL SPECIFICATIONS

Spacer	Size - 276-350	SG Iron	SG	DIN 1693 GG 20
Hub	Size - 276-350	Cast Iron	CI	DIN 1693 GG 25
Adaptor	Size - 276-350	Cast Iron	CI	DIN 1693 GG 25
T Cushion 80° Shore A	All Size	Synthetic Rubber	NBR	ASTM D2000 BG 810
Outer ring	Size - 276-350	Mild. Steel	CRCA	BS 970
Hex Bolt	Size - 276-350	High Tensile	St	ISO 4014 : Gr 8.8

- 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

Atex Certified Coupling Available on request

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

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