AUTHORIZED INDIA PARTNER: JINHARSH INDUSTRIAL SOLUTIONS PRIVATE LIMITED

ELASTOMERIC COUPLINGS - OMEGA™ CLOSE-COUPLED DESIGN WITH COMPRESSION BUSHED HUBS

The OMEGA™ Close-Coupled Design with Compression Bushed Hubs integrates a torsionally soft split flex element with heavy-duty compression taper bushes. This specific geometry ensures maximum shaft grip while providing high vibration dampening and misalignment compensation within a compact, non-spacer longitudinal footprint.

TECHNICAL DIMENSIONAL DRAWING LAYOUT

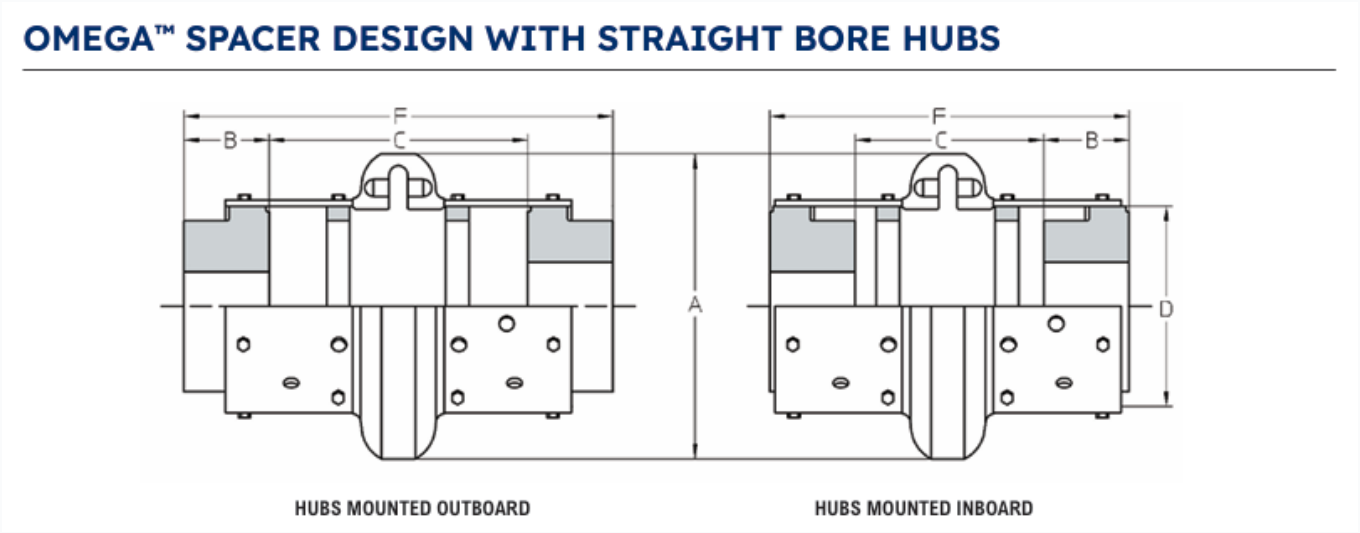

Figure 1: Structural engineering blueprint cross-section of the OMEGA™ close-coupled configuration equipped with compression bushed hubs.

TECHNICAL SPECIFICATIONS TABLE (SIZES ES2-R TO ES80)

COUPLING SIZE	CONTINUOUS TORQUE [Nm]	MAXIMUM SPEED [rpm]	BUSHING SIZE REFERENCE	BORE RANGE ACCOMMODATION [mm]
ES2-R	22	7500	Taper 1008	11 - 25
ES3-R	41	7500	Taper 1108	11 - 28
ES4-R	62	7500	Taper 1108	11 - 28
ES5-R	105	7500	Taper 1310	14 - 35
ES10-R	164	7500	Taper 1610	14 - 42
ES20	260	6600	Taper 1610	14 - 42
ES30	412	5800	Taper 2012	14 - 50
ES40	620	5000	Taper 2517	16 - 60
ES50	865	4500	Taper 2517	16 - 60

COUPLING SIZE	CONTINUOUS TORQUE [Nm]	MAXIMUM SPEED [rpm]	BUSHING SIZE REFERENCE	BORE RANGE ACCOMMODATION [mm]
ES60	1412	4000	Taper 3020	22 - 75
ES70	2508	3600	Taper 3535	35 - 90
ES80	4463	3100	Taper 4040	40 - 100

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