

ELASTOMERIC COUPLINGS - OMEGA™ CLOSE-COUPLED DESIGN WITH STRAIGHT BORE HUBS

The OMEGA™ Close-Coupled design with Straight Bore Hubs delivers industry-leading torsional softness and outstanding misalignment capability. This split-in-half flexible element design enables rapid visual inspection and swift replacement without disturbing the hubs or connected shaft elements. Engineered for high reliability in demanding industrial infrastructure, it effectively dampens transmission shock impacts and minimizes reaction loads to extend downstream bearing life cycles.

TECHNICAL DIMENSIONAL LAYOUT

OMEGA™ CLOSE-COUPLED DESIGN WITH STRAIGHT BORE HUBS

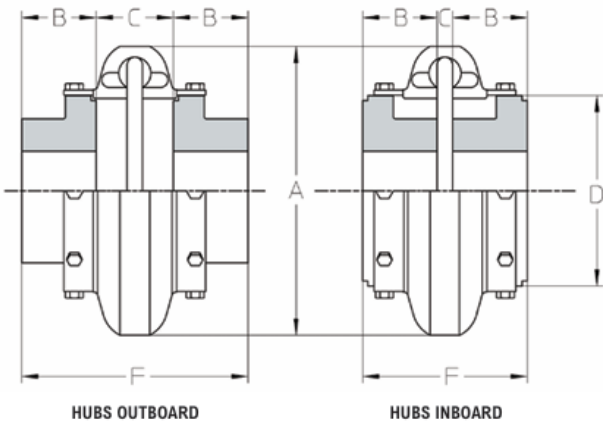


Figure 1: Cross-sectional technical drawing showing straight bore hub assembly constraints.

TECHNICAL PERFORMANCE DATA (SIZES E2 TO E140)

COUPLING SIZE	CONTINUOUS TORQUE [Nm]	MAXIMUM SPEED [rpm]	MINIMUM BORE [mm]	MAXIMUM BORE [mm]
E2	22	7500	6	28
E3	41	7500	9	34
E4	62	7500	12	42
E5	105	7500	14	48
E10	164	7500	16	55
E20	260	6600	18	60
E30	412	5800	22	70
E40	620	5000	28	80
E50	865	4500	32	90

COUPLING SIZE	CONTINUOUS TORQUE [Nm]	MAXIMUM SPEED [rpm]	MINIMUM BORE [mm]	MAXIMUM BORE [mm]
E60	1412	4000	38	105
E70	2508	3600	45	120
E80	4463	3100	50	140
E100	7401	2800	60	160
E120	12500	2400	70	190
E140	19020	2000	80	220

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