

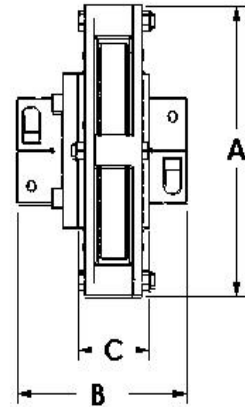
Technical Data Sheet - E-Max/FGC Magnetic Coupling

Non-Contact Power Transmission For Energy And Maintenance Savings

Heavy Duty Magnetic Couplings Up To 2,000 H.P.



- 100% Recyclable
- Up To 40% Energy Savings
- Heavy Duty Construction
- Accepts Large Misalignment
- Cushioned Start
- Eliminates Vibration Transfer
- Absorbs Shock Loading
- Low Maintenance
- Simple Installation
- Reduces O&M Costs
- Increases Seal & Bearing Life



E-Max / FGC data									
	Power rating*	Power rating*	Peak torque rating		Max. std RPM	Wt. (less hubs)	Dimensions (inches)		
	1800 RPM	3600 RPM	ft-lbs	in-lbs		lbs.	Dia. (A)	Length (B)	Length (C)
Up to	2000.00	125.00	12749	152988	1800	100 to 1796	Up to 37	Up to 23	Up to 13.5

max. speed	1800 RPM
max. torque	Up to 152988 in-lb
max. offset of shafts radial / axial	0.250" / 0.375"
mimimum DBSE	0.25"
maximum DBSE	Up To 24"
moment of inertia	Up to 252,000 lb-in ²
max diameter	Up to 37"
temperature range	250 F
weight appr.	Up To 1796 lbs
Material Of Construction, Magnetic Center	Steel A-36 , Al 6061-T6, Copper C11000 Neodymium, Iron, Boron
RPM Slip	< 5% To 25%
Material Hub Fasteners	SHCS, ASTM A574,
Corrosion Properties	Zinc / Special / Anodizing