

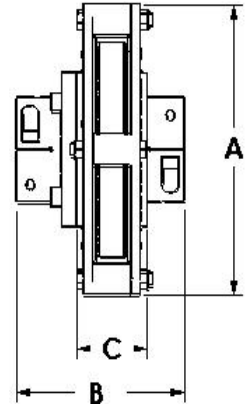
Technical Data Sheet - MGD Magnetic Coupling

Non-Contact Power Transmission Cushioned Start And Maintenance Savings


Heavy Duty Magnetic Couplings Up To 1,000 H.P.



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



MGD Data							
	Power Rating*	Peak Torque Rating		Wt. (Less Hubs)	Dimensions (Inches)		
	1800 RPM	ft-lbs	in-lbs	lbs.	Dia. (A)	Dia. (B)	Dia. (C)
Up To	1000 HP	7250	87,000	108 - 718	14.5-27.8	10.0-15.6	6.2-8.1

max. speed	1800 RPM
max. torque	Up to 87,000 in-lb
max. offset of shafts radial / axial	0.25" / 0.375"
mimimum DBSE	0.25"
Maximum DBSE	Up To 10.4"
moment of inertia	Up to 28090 lb-in ²
Max diameter	Up to 27.8"
temperature range	250 F
weight appr.	Up To 718 lbs
Material Of Construction, Magnetic Center	 Steel A-36 , Al 6061-T6, Copper C11000 Iron, Boron Neodymium
RPM Slip	< 1% To 3%
Material Hub Fasteners	SHCS, ASTM A574,
Corrosion Properties	Nickel / Special / Anodizing

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