

Heavy Duty Whirligig®

BETTER BY DESIGN

Heavy Duty Whirligig®

Universal Shaft Sensor Mount for Extreme Environments

APPLICATION

The Heavy Duty (HD) Whirligig is a fully guarded target for easy mounting of motion sensors. It is suitable for use with 4B's range of inductive proximity sensors including the M100 Stopswitch and P100 Proxswitch.

METHOD OF OPERATION

Used on conveyors, bucket elevators and other rotating machinery, the HD Whirligig monitors shaft speed for continuous, low speed or high speed conditions. The sensor (sold separately) inserts into the housing of the HD Whirligig and the complete assembly bolts to the machines shaft through a 1/2" or 5/8" UNC tapped hole. Machine vibration or movement does not affect the performance of the sensor as the whole assembly moves with the shaft. The all stainless steel construction and sealed twin stainless steel bearings make the HD Whirligig ideal for use in corrosive and other extreme environments. With the HD Whirligig, sensor installation is now simple, safe and reliable.

FEATURES

- ▶ Heavy Duty - Stainless Steel Construction
- ▶ Twin Sealed Stainless Steel Bearings
- ▶ Connects to Shaft with 5/8" or 1/2" UNC Tapped Hole
- ▶ Safe - Fully Enclosed Targets

PART NUMBERS/ACCESSORIES

- ▶ WGHD1-2-18-R1/2 HD Whirligig 2 Pulse (1/2" UNC Threads)
- ▶ WGHD1-2-18-R HD Whirligig 2 Pulse (5/8" UNC Threads)
- ▶ WGHD1-4-18-R1/2 HD Whirligig 4 Pulse (1/2" UNC Threads)
- ▶ WGHD1-4-18-R HD Whirligig 4 Pulse (5/8" UNC Threads)
- ▶ IFMFR1L Speed Relay (120/240 VAC or 24 VDC)

4B COMPATIBLE SENSORS

- ▶ M1001V10F M100 Stopswitch
- ▶ P1001V10A P100 Proxswitch (Normally Closed Output)
- ▶ P1002V10A P100 Proxswitch (Normally Open Output)
- ▶ P1001V34A P100 Proxswitch (NPN/PNP Transistor)

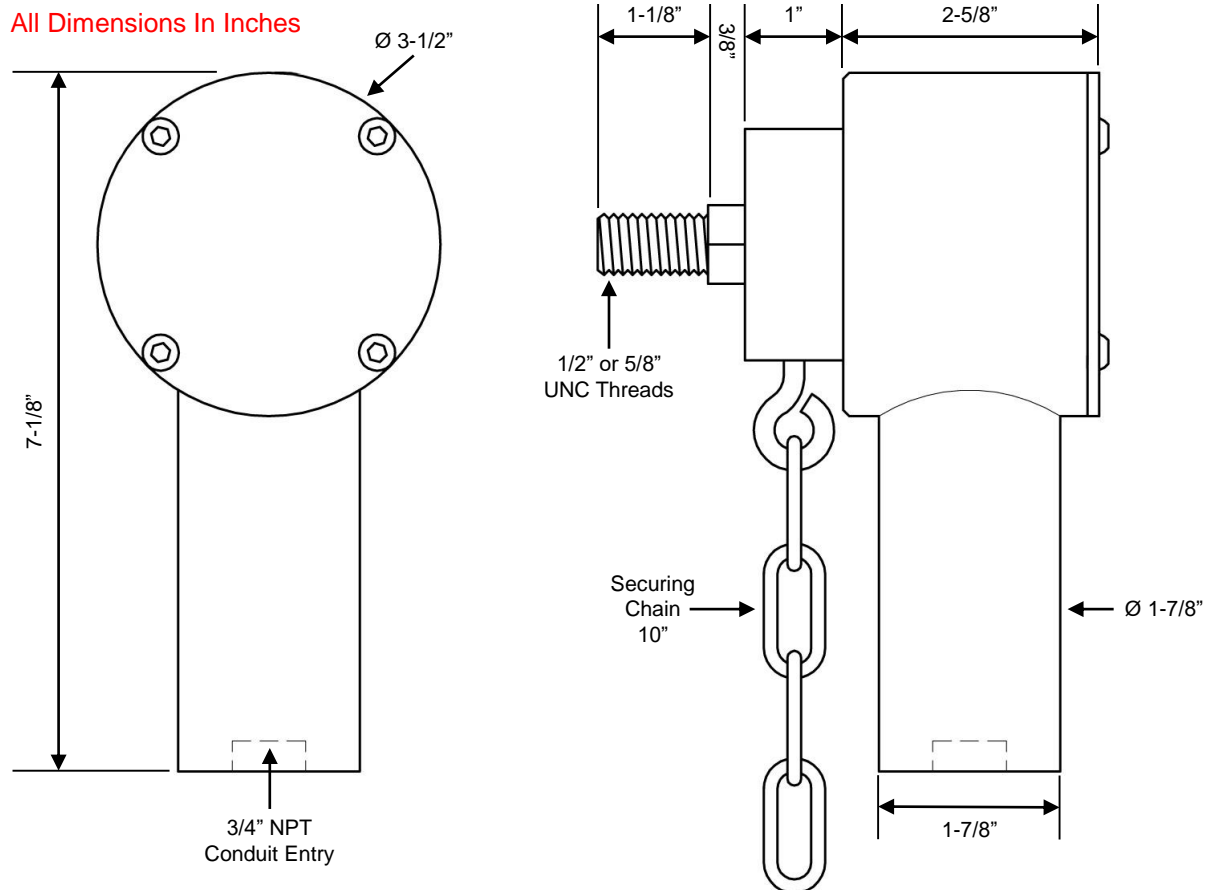
MAG2000 Mag-Con™ Magnetic Connector is not Compatible with Heavy Duty Whirligig



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DIMENSIONS



TECHNICAL SPECIFICATIONS

HD Whirligig® - Universal Shaft Sensor Mount

Heavy Duty Whirligig	
Shaft Material:	Stainless Steel
Body Material:	303 Stainless Steel
Weight:	6 lbs (2.72 kg)
Bearing:	Sealed Twin Stainless Steel
Thread Size:	1/2" or 5/8" UNC
Operating Temperature:	-13° F to 158° F (-25° C to 70° C)
Maximum Speed:	3,000 RPM
Pulses/Targets:	2 or 4

NOTE: Sensors Sold Separately

