

Rota-Power™ 125 Slip Rings

125A, 600V, 2" (51mm) Bore



Rings: Copper alloy for best combination of conductivity and durability, with wide contact area for maximum reliability

Brushes: Copper graphite, machined to precisely match ring radius

Brush springs: Zinc plated steel with quick-change design for easy field inspection

Shunt wires: Braided copper with jacket

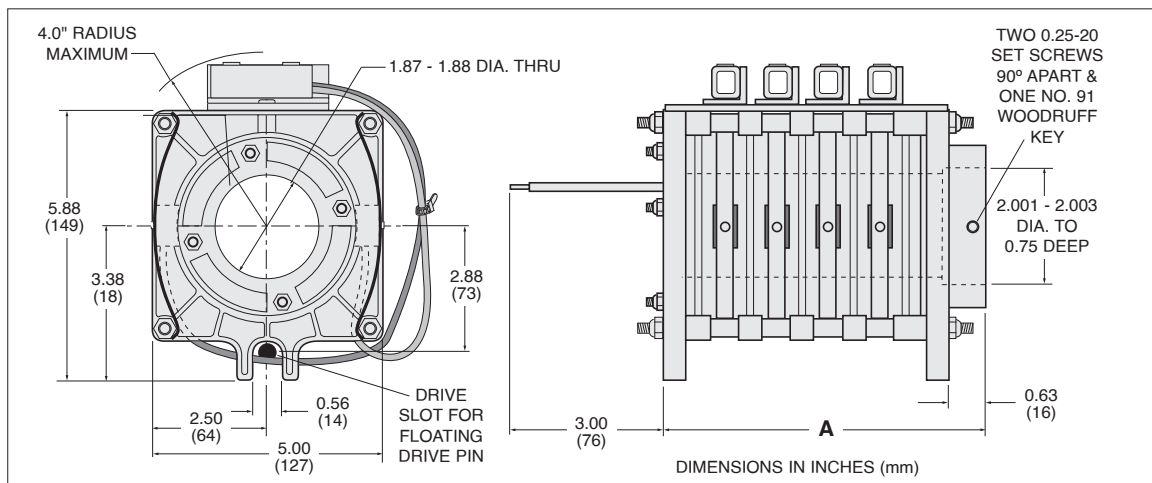
Insulators: Phenolic

End plates: Nylon with phenolic bearing surfaces for durability and economy

Drive collar: Cast aluminum with double set screws for secure mounting at any attitude

Speed: Nominal 125 rpm, reversing

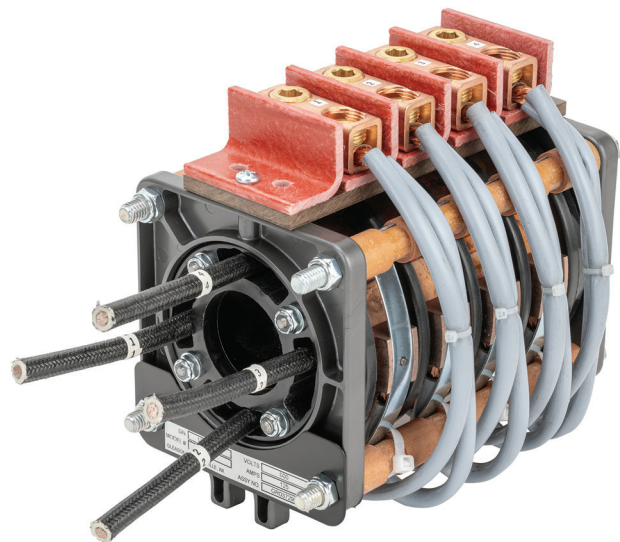
Enclosures: Durable steel with baked polyester powder finish to exceed zinc plating. Custom coatings available, Contact Gleason Reel for options.



MODEL NUMBER	NUMBER POLES	ASSEMBLED IN.	LENGTH (A) (MM)	AWG LEAD*
RP125-02	2	6.38	(162)	#4
RP125-03	4	10.38	(264)	#4
RP125-04	6	10.38	(264)	#4

Unless otherwise specified, standard assemblies are supplied with lead wires as indicated, derated per lead wire limits and per number of poles

Combination slip rings, such as shown at right, may employ both copper alloy rings for normal ampacities and silver alloy rings for low ampacity applications, such as communications. Consult Gleason for details.



Slip rings in enclosures

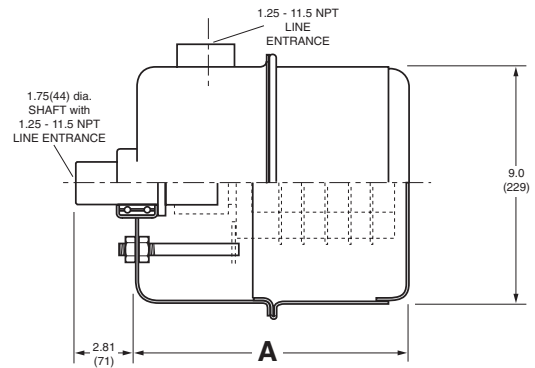
Rota-Power™ 125 slip ring plus enclosure

Weathertight: Easy access Gleason slip ring enclosures are watertight and dust-tight. The sealed design keeps all but the most minute particles away from the working slip ring.

Rugged construction: Manufactured from medium gauge steel, enclosures are custom fit to each slip ring size. Main shafts are mounted on double ball bearings to support the slip ring assembly and enclosure.

Weatherproof finish: Enclosures feature a baked-on polyester finish for maximum durability in harsh conditions. Finish exceeds even zinc plating. Custom colors and finishes are available, contact us for details.

Heaters: For outdoor applications where machinery sits idle for extended periods of time or where low temperatures are common, we recommend installing a strip heater. Condensation can build up during shut-down periods, causing the slip ring assembly to require frequent service. The strip heater continuously eliminates condensation, increasing the service life of your Gleason Reel slip ring assembly.



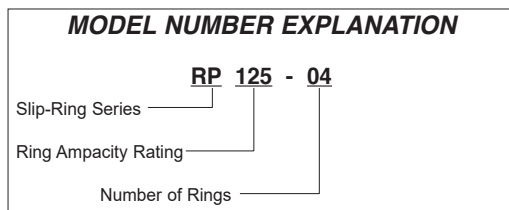
Model Number	Number Poles	Amps*	Assembled in.	Length (A) (mm)
ERP125-02	2	125.0	14.50	(369)
ERP125-03	3	125.0	17.00	(432)
ERP125-04	4	125.0	17.00	(432)

* Amperage values in the above table are rated for 86°F (30°C) ambient temperature per NEC. For increased ambient temperatures, multiply the amperage value by the following scaling factors:

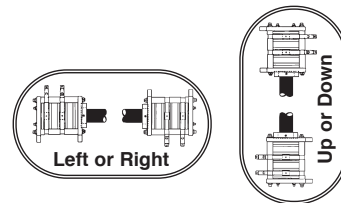
Ambient Temperature		Scaling factor
F°	C°	
140°	40°	0.91
122°	50°	0.82
140°	60°	0.71

*Amperage values in the above table are determined from lead wire rated for 194°F (90°C) per NEC. When using conductors having a lower ambient temperature rating, consult the cable manufacturer or NEC for scaling to the appropriate amperage.

Mount Gleason slip rings in virtually any position. Used in Gleason reels, they are mounted horizontally. In any configuration, it is possible for either the main shaft or the mounting surface to be in rotation.



We reserve the right to ship the most current design



Please note: Bearing support on all slip rings intended for support of the slip ring only



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HHI-GR-GLEASON-SR125A-BR-EN-01458