

Compact 30 & 50 Slip Rings



30A or 50A, 600V,
1.5" (38mm) Bore

Frame: Nylon with phenolic bearing surfaces. 30A units self-supporting up to ten poles. 50A units self-supporting up to four poles.

Outboard support: For 12 or more poles (30A) or six or more poles (50A), an added outboard support and porous bronze bushing maintain brush alignment

Drive collar: Zinc plated steel with double set screws for secure mounting at any attitude

Enclosures: Available on applications to NEMA3 standards

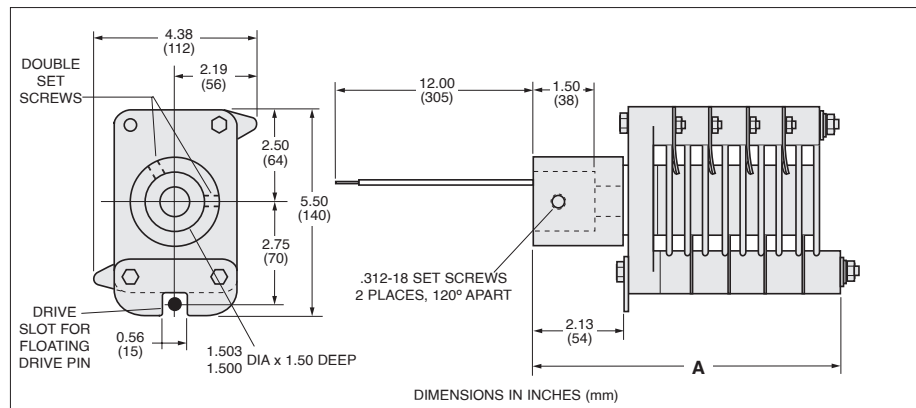
Speed: Nominal 40 rpm, reversing

Insulators: Polyphenylene Oxide (PPO)

Rings: Copper alloy wafers provide generous 5/8" (16mm) contact area in minimum space

Brushes: Copper graphite buttons on copper shunt arms provide maximum conductivity

Leads: Standard lead wires 12" (305mm) long



30 AMP* COMPACT SLIP-RINGS

MODEL NUMBER	NUMBER POLES	ASSEMBLED IN.	LENGTH (A) (MM)	AWG LEAD*
CR030-02	2	4.88	(124)	#12
CR030-04	4	5.88	(150)	#12
CR030-06	6	6.63	(169)	#12
CR030-08	8	7.38	(188)	#12
CR030-10	10	8.13	(207)	#12
CR030-12	12	9.50	(242)	#12
CR030-14	14	10.38	(264)	#16
CR030-16	16	11.13	(283)	#16
CR030-18	18	11.88	(302)	#16
CR030-20	20	12.75	(324)	#16

50 AMP* COMPACT SLIP-RINGS

MODEL NUMBER	NUMBER POLES	ASSEMBLED IN.	LENGTH (A) (MM)	AWG LEAD*
CR050-02	2	5.88	(150)	#12
CR050-04	4	7.38	(188)	#12
CR050-06	6	9.50	(242)	#12

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

Slip rings in enclosures

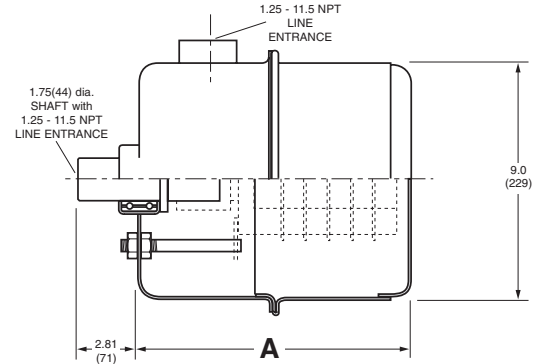
Compact slip ring plus enclosure

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.

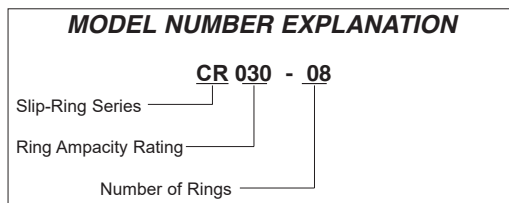
Heaters: For outdoor applications where machinery sits idle for extended periods of time or where low temperatures are common, we recommend installing a strip heater. Condensation can build up during shut-down periods, causing the slip ring assembly to require frequent service. The strip heater continuously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



Model Number	Number Poles	Amps*	Assembled in.	Length (A) (mm)
ECR030-02	2	30.0	8.88	(226)
ECR030-04	4	24.0	8.88	(226)
ECR030-06	6	24.0	8.88	(226)
ECR030-08	8	21.0	10.63	(270)
ECR030-10	10	15.0	10.63	(270)
ECR030-12	12	15.0	12.38	(315)
ECR030-14	14	15.0	12.38	(315)

* 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

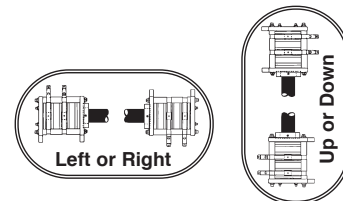


We reserve the right to ship the most current design

Model Number	Number Poles	Amps*	Assembled in.	Length (A) (mm)
ECR030-16	16	15.0	14.88	(378)
ECR030-18	18	15.0	14.88	(378)
ECR030-20	20	15.0	14.88	(378)
ECR050-02	2	50.0	08.63	(226)
ECR050-04	4	42.0	10.63	(270)
ECR050-06	6	30.0	12.38	(315)

*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.



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



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