

Slip Rings With Through-Bores

AC6349

1 inch through-bore various circuit configurations

Description

A slip ring capsule can be used in any electromechanical system that requires unrestrained, intermittent, or continuous rotation while transferring power and / or data.

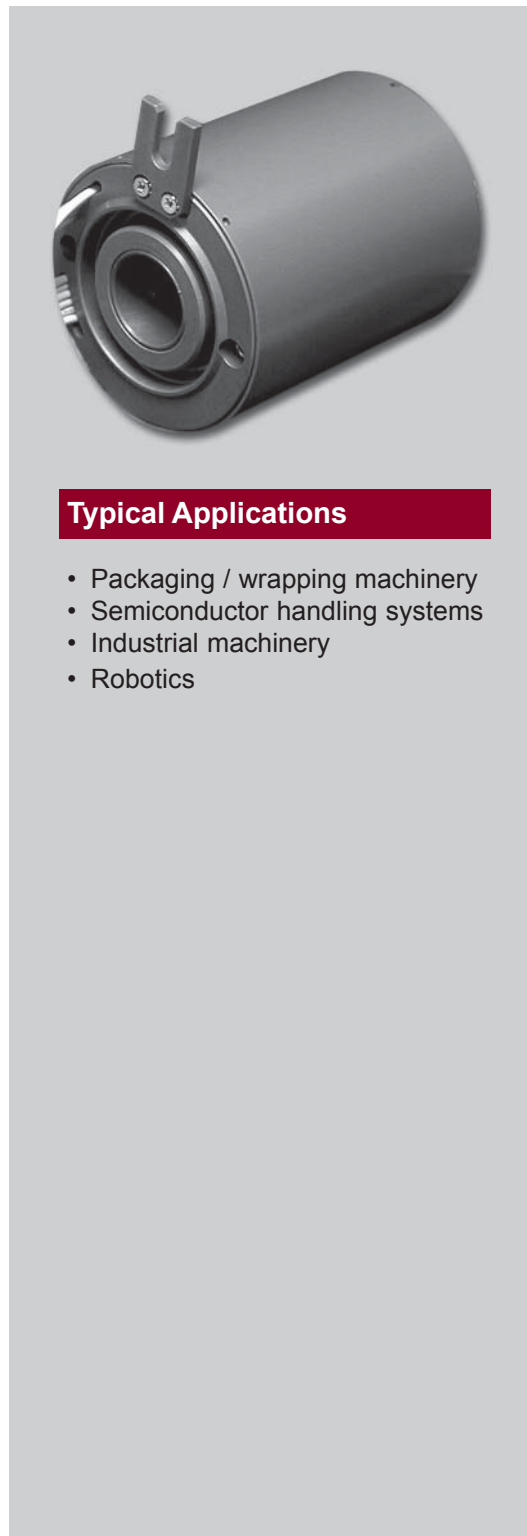
The AC6349 provides an economical, readily available solution when a compact through-bore configuration is required. This unit provides a 1 inch through-bore for routing of hydraulic or pneumatic lines, and a compact 3 inch outside diameter for minimal space applications. The 15 amp circuits are available in 6, 12, 18 and 24 ring configurations in 4 housing lengths. Similar in design to our very popular AC4598, this design features long life, fiber brush contact technology for ultimate performance in many challenging applications. Fiber brushes do not require lubrication and produce virtually no wear debris, for maintenance free, life time operation.

Features

- 6, 12, 18 and 24 circuit models
- Precious metal contacts
- 15 amp rings
- Precision ball bearings for long life
- Speeds up to 250 rpm continuous
- Compact size
- Sealed units available
- Flying leads
- Fully compatible with both analog and TTL control level signals
- Optional flange mounting (rotor side only)

Benefits

- Unique signal handling performance with minimal electrical circuit noise
- Tight packaging to fit in the most demanding space constraints
- Low torque to minimize system torque budget
- Rapid delivery



Kontakt: Schweiz und Fürstentum Liechtenstein

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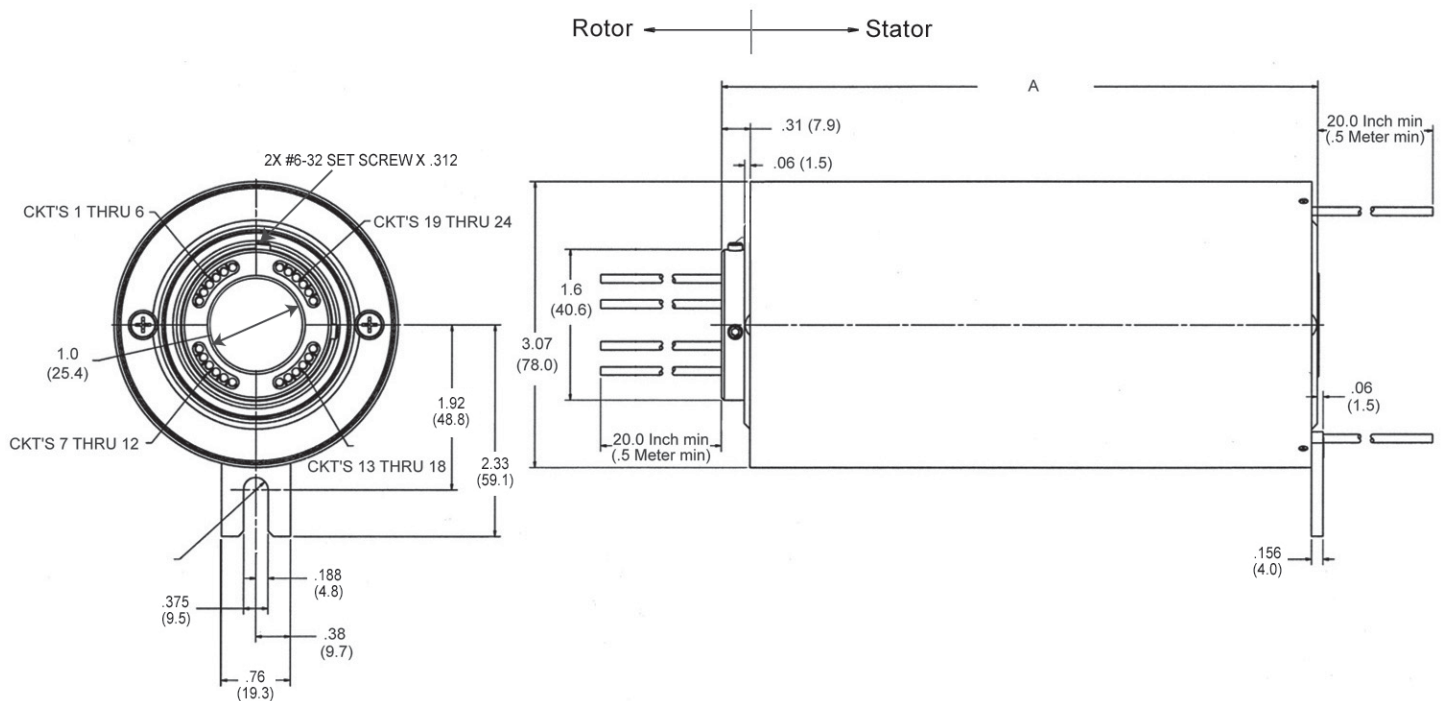
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Specifications		Options
Operating Speed	250 rpm*	<ul style="list-style-type: none"> • Steel bearings • Gold - plated rings • Mounting flange • Seals • Long leads
Number of Circuits	6, 12, 18, or 24	
Lead Length	20 inch standard	
Lead Size / Type	14 gauge, white with tags	
Voltage	440 VAC	
Operating Temp.	-40°C to +80°C	
Contact Material	Silver-on-silver	
Dielectric Strength	500 VAC @ 60 Hz, between each circuit all other circuits	
Insulation Resistance	1000 megohms max tested 500 VAC	
Circuit Resistance	200 milliohms with 12 inch leads	
Electrical Noise	60 milliohms max @ 6 VDC 50 milliamps when running @ 5 rpm	
Environmental	Splash and dust seal optional	
Flange	4.5" OD x .188, rotor side	

*Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature.

Part Number	Length A
AC6349 - 6	2.9 (74.2)
AC6349 - 12	4.1 (104.1)
AC6349 - 18	5.3 (149.7)
AC6349 - 24	6.5 (165.1)

Standard units are not sealed.



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