

THROUGHT BORE SLIP RING

ID: 25mm

Description

Hollow Shaft Slip Ring REC - Model RH25 Series ID: 25mm

RH25 Series central hole Slip Ring can be used in any electromechanical system that is requiring unlimited, continuous rotation for transmitting power and signal data from a stable structure to rotational structure. With a hole diameter as 25mm, the product can be easily mounted on a shaft. Also, the fiber brushes do not require lubrication and maintenance, almost no wearing down during it's life time. This type of slip ring uses a bunch of fiber brush technology in the ring and a few of the brushes and rings contact is provided on a point. This ensures long lifetime and uninterrupted transmission.





Compact Structure




Hollow Shaft



Easy Mounting



Digital Signal



Analog Signal



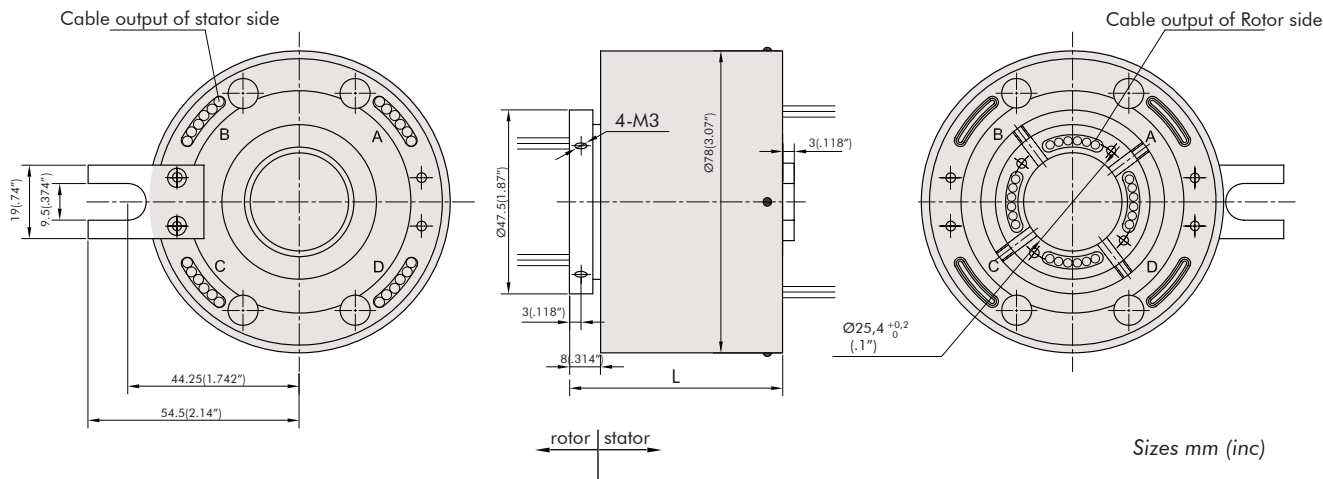
Pneumatic Hydraulic Combination



IP CLASS



Long Lifetime



Features

Inner Diameter:25mm, Outer Diameter:78 mm The lenght of the slip rings depend on the number of channels. It has maximum 48 channels. It can be combined as 10 amperage and multiples on power circuits. Power and signal channels are used in same connector. Safety can be provided for all combinations. It is convenient to use according to all of the protocols. It has gold contacts, stainless steel body.

Options

Cable Length, Mechanical Design, Flange Option, IP Class, Operating Temperature, Cable Output Point, Different Current Values

Electrical Information

Features	Values	
	Power	Signal
Rated Voltage	380 VAC	240VAC/VDC
Insulation Resistance	≥1000 M Ω/ 500VDC	≥500 M Ω/ 500VDC
Cable Size	isolation PVC or PE AWG22 silver coating, PTFE isolation	
Cable Length	500mm Standard: 500mm	
Dielectric Strength	500VAC@50Hz,60s	
Electrical Noise	≤10mΩ	

Mechanical Information

Features	Values
Operating Speed	250/500 rpm
Operating Temperature	-20℃ ~ +80℃
Operating Humidity	60%RH or more
Contact Material	Precious Metal
Frame Material	Metal
Torque	0.1 N M for -6 version, 0.03N M is added for each 6 Ring
Protection Class	IP51, IP54, IP65 Standard: IP51, Optional: IP54, IP65

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Standard Products List of RH25 Series

Type	(L=mm)	Rated Current		Total Number of Circuits
		P(10A, 15A)	S(2A)	
RH25.P0610	55	6	—	6
RH25.S1202	55	—	12	12
RH25.P1210	79	12	—	12
RH25.P0610.S1202	79	6	12	18
RH25.S2402	79	—	24	24
RH25.P1810	103	18	—	18
RH25.P1210.S1202	103	12	12	24
RH25.P0610.S2402	103	6	24	30
RH25.S3602	103	—	36	36
RH25.P2410	127	24	—	24
RH25.P1810.S1202	127	18	12	30
RH25.P1210.S2402	127	12	24	36
RH25.P0610.S3602	127	6	36	42
RH25.S4802	127	—	48	48