

THROUGHT BORE SLIP RING
ID: 70mm

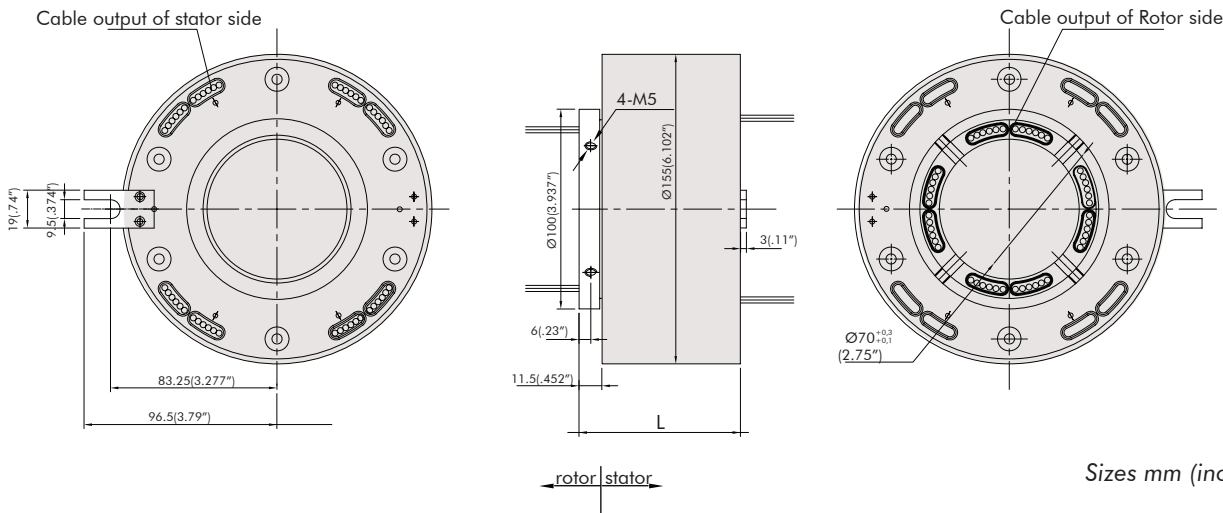
Description

Hollow Shaft Slip Ring REC - Model RH70 Series ID: 70mm

RH70 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 70mm, 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:70mm, Outer Diameter:155 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
Conductor Size	isolation PVC or PE	AWG22 silver coating, PTFE isolation
Conductor Length	500mm Standard: 500mm	
Dielectric Strength	500VAC@50Hz,60s	
Electrical Noise	≤10mΩ	

Mechanical Information

Features	Values
Rated Speed	250/500 rpm
Operating Temperature	-20℃ ~ +80℃
Operating Humidity	60%RH or more
Connection Material	Precious Metal
Coating Material	Plastic or Aluminum
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 RH70 Series

Type	(L=mm)	Rated Current		Total Number of Circuits
		(10A, 15A)	S(2A)	
RH70.P0610	80.8	6	—	6
RH70.S1205	80.8	—	12	12
RH70.P1210	110.8	12	—	12
RH70.P0610.S1205	110.8	6	12	18
RH70.S2405	110.8	—	24	24
RH70.P1810	140.8	18	—	18
RH70.P1210.S1205	140.8	12	12	24
RH70.P0610.S2405	140.8	6	24	30
RH70.S3605	140.8	—	36	36
RH70.P2410	170.8	24	—	24
RH70.P1810.S1205	170.8	18	12	30
RH70.P1210.S2405	170.8	12	24	36
RH70.P0610.S3605	170.8	6	36	42
RH70.S4805	170.8	—	48	48
RH70.P3010	200.8	30	—	30
RH70.P2410.S1205	200.8	24	12	36
RH70.P1810.S2405	200.8	18	24	42
RH70.P1210.S3605	200.8	12	36	48
RH70.P0610.S4805	200.8	6	48	54
RH70.S6005	200.8	—	60	60
RH70.P3610	230.8	36	—	36
RH70.P3010.S1205	230.8	30	12	42
RH70.P2410.S2405	230.8	24	24	48
RH70.P1810.S3605	230.8	18	36	54
RH70.P1210.S4805	230.8	12	48	60
RH70.P0610.S6005	230.8	6	60	66
RH70.S7205	230.8	—	72	72
RH70.P4210	260.8	42	—	42
RH70.P3610.S1205	260.8	36	12	48
RH70.P3010.S2405	260.8	30	24	54
RH70.P2410.S3605	260.8	24	36	60
RH70.P1810.S4805	260.8	18	48	66
RH70.P1210.S6005	260.8	12	60	72
RH70.P0610.S7205	260.8	6	72	78
RH70.S8405	260.8	—	84	84
RH70.P4810	290.8	48	—	48
RH70.P4210.S1205	290.8	42	12	54
RH70.P3610.S2405	290.8	36	24	60
RH70.P3010.S3605	290.8	30	36	66
RH70.P2410.S4805	290.8	24	48	72
RH70.P1810.S6005	290.8	18	60	78
RH70.P1210.S7205	290.8	12	72	84
RH70.P0610.S8405	290.8	6	84	90
RH70.S9605	290.8	—	96	96