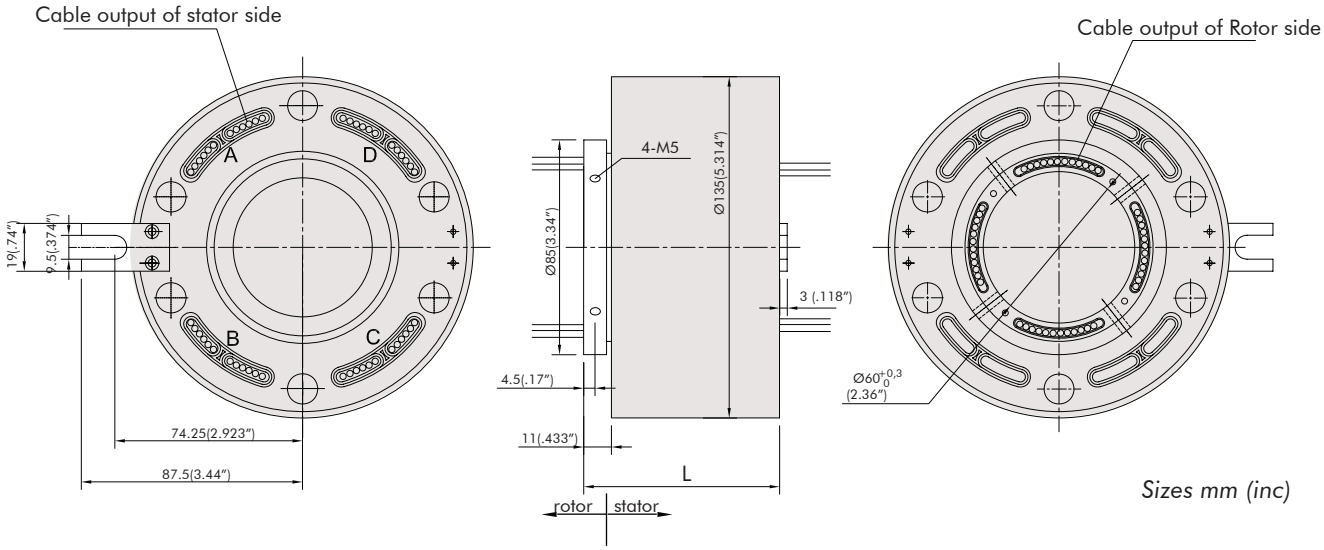
THROUGHT BORE SLIP RING

ID: 60mm

Description

Hollow Shaft Slip Ring REC - Model RH60 Series ID: 60mm

RH60 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 60mm, the product can be easyly 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.



Sizes mm (inc)

Features

Inner Diameter: 60mm, Outer Diameter:135 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	isolotion 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°C ~ +80°C
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

Standard Products List of RH60 Series

Type	(L=mm)	Rated Current		Total Number of Circuits
		P(10A, 15A)	S(2A)	
RH60.P0610	77.5	6	—	6
RH60.S1205	77.5	—	12	12
RH60.P1210	107.5	12	—	12
RH60.P0610.S1205	107.5	6	12	18
RH60.S2405	107.5	—	24	24
RH60.P1810	137.5	18	—	18
RH60.P1210.S1205	137.5	12	12	24
RH60.P0610.S2405	137.5	6	24	30
RH60.S3605	137.5	—	36	36
RH60.P2410	167.5	24	—	24
RH60.P1810.S1205	167.5	18	12	30
RH60.P1210.S2405	167.5	12	24	36
RH60.P0610.S3605	167.5	6	36	42
RH60.S4805	167.5	—	48	48
RH60.P3010	197.5	30	—	30
RH60.P2410.S1205	197.5	24	12	36
RH60.P1810.S2405	197.5	18	24	42
RH60.P1210.S3605	197.5	12	36	48
RH60.P0610.S4805	197.5	6	48	54
RH60.S6005	197.5	—	60	60
RH60.P3610	227.5	36	—	36
RH60.P3010.S1205	227.5	30	12	42
RH60.P2410.S2405	227.5	24	24	48
RH60.P1810.S3605	227.5	18	36	54
RH60.P1210.S4805	227.5	12	48	60
RH60.P0610.S6005	227.5	6	60	66
RH60.S7205	227.5	—	72	72
RH60.P4210	257.5	42	—	42
RH60.P3610.S1205	257.5	36	12	48
RH60.P3010.S2405	257.5	30	24	54
RH60.P2410.S3605	257.5	24	36	60
RH60.P1810.S4805	257.5	18	48	66
RH60.P1210.S6005	257.5	12	60	72
RH60.P0610.S7205	257.5	6	72	78
RH60.S8405	257.5	—	84	84
RH60.P4810	287.5	48	—	48
RH60.P0410.S1205	287.5	42	12	54
RH60.P3610.S2405	287.5	36	24	60
RH60.P3010.S3605	287.5	30	36	66
RH60.P2410.S4805	287.5	24	48	72
RH60.P1810.S6005	287.5	18	60	78
RH60.P1210.S7205	287.5	12	72	84
RH60.P0610.S8405	287.5	6	84	90
RH60.S9605	287.5	—	96	96