

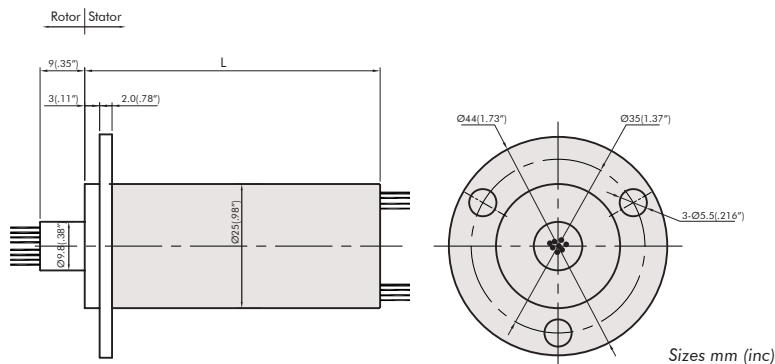
CAPSULE TYPE SLIP RING

OD: 25mm

Description

Capsule Type Slip Ring REC – Model RC25 Series OD: 25mm

RC25 Series capsule type Slip Ring can be used in any electromechanical system that is requiring unlimited, continuous rotation for transmitting power and/or signal data from a stable structure to rotational structure. With a case diameter as 25 mm, the product can be easily mounted on any end point or in any structure. These products, that have aluminium case and many types of flanges though. Also, the fiber brushes do not require lubrication and maintenance, almost no wearing down during its lifelong. This type of slip ring uses a bunch of fiber brush technology in the ring and a few of the brushes and rings contact are provided on a point. This ensures long life and uninterrupted transmission.



Standart Product List of RC25 Series

Models	Body (mm)	(L=mm)	Rated Current S(2A)	Number of Total Circuit
RC25.S3002	25	51,7	2	30
RC25.S3602	25	59,5	2	36
RC25.S4602	25	72,5	2	46
RC25.S5602	25	85	2	56

Combination of Power and Signal

Models	Body (mm)	(L=mm)	Rated Current			Number of Total Circuit
			P(10A)	P(6A)	S(2A)	
RC25.P0406.S1802	25	51,7	-	4	18	22
RC25.P0406.S2402	25	59,5	-	4	24	28
RC25.P0406.S3402	25	72,5	-	4	34	38
RC25.P0406.S4402	25	85	-	4	44	48
RC25.P0310.S1502	25	51,7	3	-	15	18

Features

Outer Diameter is 25mm. It has 1-56 channels. However it can be produced up to 112 channels specifically. It can be combined as 2, 6 or 10 amperage and multiples on power circuits. It supports all the models of video, kontrol, sensore ,power, ethernet signal channels.It is convenient to use according to all of the signal protocols. It has gold contacts and silver brushes, stainless steel body.

Options

Cable Length, Mechanical Design, Flange Option, IP Class, Operating Temperature, Cable Output Point, Different Current Values, Case Options as AL or ABS, Military Standards

Electrical Information

Features	Values
Rated Voltage	240VDC/240VAC
Rated Current	2A/ring
Cable Size	AWG28 or AWG26 for 2A; AWG22 for 6A; AWG16 for 10A, color coded, PTFE insulated
Cable Length	250mm
Dielectric Strength	500VAC@50Hz, 60S
Insulation Resistance	1000MΩ/500VDC
Electrical Noise	<0.01Ω

Mechanical Information

Features	Values
Operating Speed	0~300rpm
Operating Temperature	-20°C - +80°C
Operating Humidity	60%RH or higher
Contact Material	Precious Metals
Frame Material	Metal

*For more information about how REC slip ring capsule can fit your specific application, contact our slip ring experts.