

CAPSULE TYPE HIGH-CURRENT SLIP RING

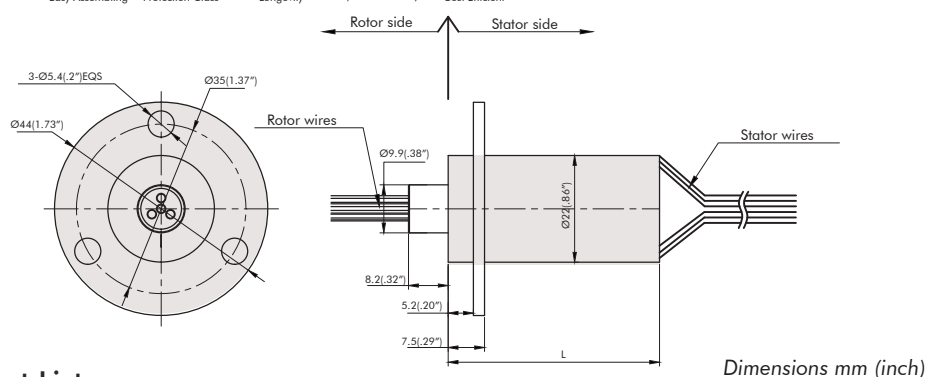
OD: 22mm

OD: 25mm

Description

REC Capsule Type High-Current Slip Ring Model RC Series Body Diameter: 22mm and 25mm

The high-current capsule type slip rings are designed for making huge amount of power transmission in small places. This product can be used in any kind of electromechanical system which requires unlimited, continuous rotation when transmitting the power from a fixed body to a rotating structure. The product having a body diameter of 22mm and 29.8mm can easily be mounted from the body to the end point structure or into a pipe. These are very easy products in terms of assembly and which have aluminium or abs body according to their models and have many different flange structures. This product, which is designed for industrial using, is generally used in machine industry, crane applications and defence industry. Fibre brushes are almost lubricant and maintenance-free, with virtually no wear for lifetime usage. In this type of slip ring, a group of fibre brush technologies are used and there are several points of contact between the brushes and the rings. Thus long life and uninterrupted transmission is provided. Before the delivery of each slip ring, high current shock test is performed beside the standard controls.



RC22 Standard Product List

Model	Body (mm)	(L=mm)	Nominal Current				40A	Number of Total Circuit
			10A	15A	20A	30A		
RC22.P0210-ABS	22	26	2				2	
RC22.P0310-ABS	22	33	3				3	
RC22.P0410-ABS	22	43	4				4	
RC22.P0215-ABS	22	45		2			2	
RC22.P0315-ABS	22	45		3			3	
RC22.P0220-ABS	22	45			2		2	
RC22.P0320-ABS	22	45			3		3	
RC22.P0230-ABS	22	45				2	2	
RC22.P0330-ABS	22	45				3	3	

Features

The body diameter is 22mm and 29.8mm and in standard production it has between 2 and 12 lines. This product is produced up to 72 conductors in special production and may be combined in the power circuits in multiples of 10A. 150rpm working speed is provided. Gold rings and silver brushes. ABS Body

Options

Mechanical Design, Flange Option, IP Class, Operating Temperature, Different Current Values, Case Option as AL and ABS, Military Class Standard.

Electrical Information

Features	Values
Rated Voltage	0~600VAC/VDC
Insulation Resistance	≥ 1000Ω/500VDC
Cable Size	10A=AWG# 16; 20A=AWG# 14; 30A=AWG# 12;
Cable Length	Standart 300mm (and requested sizes)
Dielectric Strength	500VAC@50Hz, 60s
Electrical Noise	< 0.01Ω

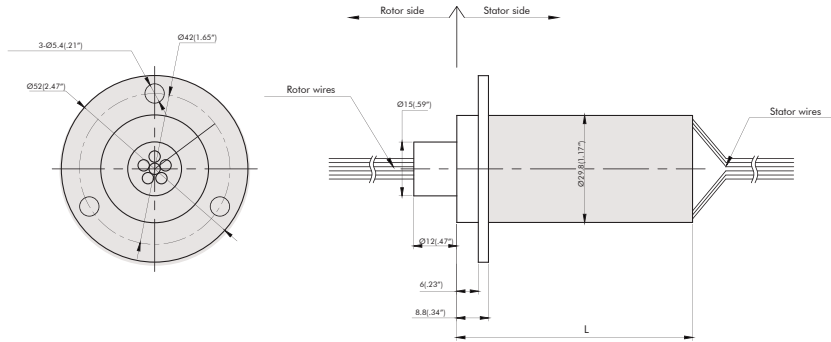
Mechanical Information

Features	Values
Working Lifetime	10 Million RPM
Rated Speed	150rpm
Operating Temperature	-30°C~80°C
Operating Humidity	0~85% RH
Contact Material	Precious Metal
Frame Material	PBT
Torque	0.1N.m/6rings
Protection Class	IP51

CAPSULE TYPE HIGH-CURRENT SLIP RING

OD: 22mm

OD: 25mm



RC30 Standard Product List

Dimensions mm (inch)

Model	Body (mm)	(L=mm)	Nominal Current				Number of Total Circuit
			10A	15A	20A	30A	
RC30.P0610-ABS	29,8	65	6				6
RC30.P0415-ABS	29,8	66		4			4
RC30.P0615-ABS	29,8	66		6			6
RC30.P0420-ABS	29,8	66			4		4
RC30.P0620-ABS	29,8	66			6		6
RC30.P0430-ABS	29,8	66				4	4
RC30.P0630-ABS	29,8	66				6	6
RC30.P0240-ABS	29,8	66				2	2
RC30.P0340-ABS	29,8	66				3	3
RC30.P0810-ABS	29,8	78	8				8
RC30.P1010-ABS	29,8	78	10				10
RC30.P1210-ABS	29,8	78	12				12

*Contact our slip ring experts for more information on how Capsule Type REC slip rings can be synchronised to your specific applications.