

MW5045 Series Slip Rings

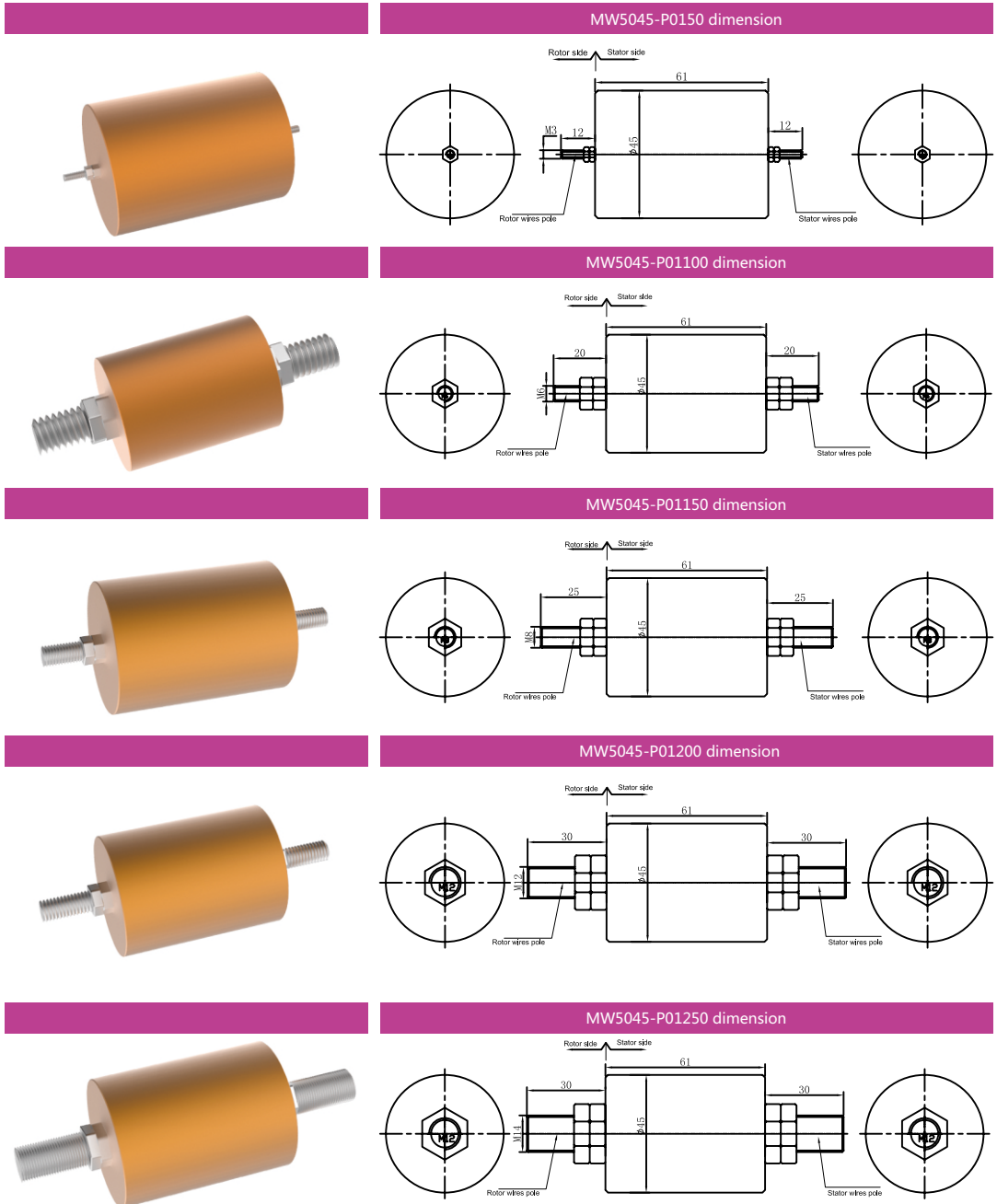
MW5045 series is terminal large current slip ring with signal wire; the current can be 50A/100A/200A/500A. Advantages: small size, light weight, large current-carrying. This series slip ring is suitable for the occasion where single big current is needed, such as welding, electroplating industry, etc.

Part# Explanation

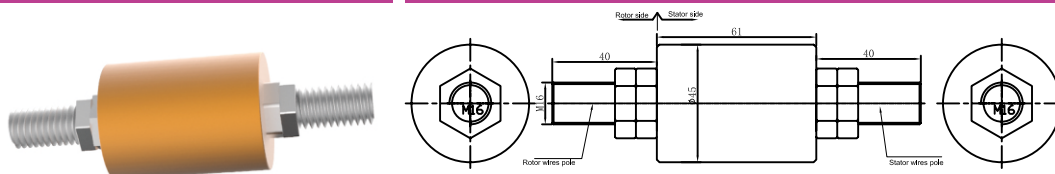
MW 5045 - P0150

MW:large current series slip ring
5 : exit with terminals
045: outer diameter 45mm

P0150 : P-Power ring,
01-1 ring 50-50A/ring



MW5045-P01500 dimension



Part# List

MW5045 power slip ring(single way) series part list							
Part#	50A	100A	150A	200A	250A	500A	1000A
MW5045-P0150	1	0	0	0	0	0	0
MW5045-P01100	0	1	0	0	0	0	0
MW5045-P01150	0	0	1	0	0	0	0
MW5045-P01200	0	0	0	1	0	0	0
MW5045-P01250	0	0	0	0	1	0	0
MW5045-P01500	0	0	0	0	0	1	0
MW5045-P011000	0	0	0	0	0	0	1

Note:1) N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A
 2) Current value can be customized, please contact customer service for more details.

Specification

Mechanical Data		Electrical Data	
Parameter	Value	Parameter	Value
Working Life	20 Million revs		Power
Rotating Speed	250RPM	Rated Voltage	0~690VAC/VDC
Working Temperature	-30°C~80°C	Insulation Resistance	≥1000MΩ/500VDC
Operating Humidity	0~85% RH	Lead Wires	terminal
Contact Material	precious metal	Lead Length	Standard 300mm
Housing Materia	aluminium alloy	Dielectric Strength	500VAC@50Hz , 60s
Torque	0.1N.m ; +0.03N.m/6rings	Electrical Noise	<0.01Ω
Protection Grade	IP51		

Options for custom slip ring

Note: Below special demands can be customized. According, the delivery date will be extended 3 to 15 days; also the cost will be increased 30% to 50%. Most of our basic parts are standard and modular, which can save the cost and lead time.

- ① Cable exit way and cable length can be customized for both rotor and stator.
- ② Because of the structure limitation, length/height/OD can be customized on your request.
- ③ Support current or signal up to 200 rings.
- ④ Aviation plug, terminal and heat-shrink tube are optional.
- ⑤ Hybrid slip ring for Yaskawa/Panasonic/Siemens servo control signal, power line and encoder line.
- ⑥ Support mixed high speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc.)
- ⑦ Can combine temperature control signal with thermocouple signal.
- ⑧ Special environment can be customized, such as quakeproof, high temperature, etc.
- ⑨ Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.
- ⑩ High temperature can up to 500 degrees.
- ⑪ High pressure can up to 110KV
- ⑫ Rotating speed can up to 10000RPM
- ⑬ Maximum current can up to 5000 amperes.
- ⑭ Military grade
- ⑮ Optional for underwater IP65, IP68.
- ⑯ Optional for stainless steel housing

Technical support: technical@moflon.com