

MW2530 Slip Rings

5Wires * 30A

MW2530 slip rings are small and compact with OD 22mm * L86mm, standard, off-the-shelf. Color-coded lead wires are used on both the stator and rotor for simplified electrical connections. Using Carbon brush design for each ring.



Specifications

PART #	OD(MM)*LENGTH	8A	15A	30A	60A	TOTAL WIRES
MW2530	60.00MM*86MM	0	0	5	0	5

Shared Specifications

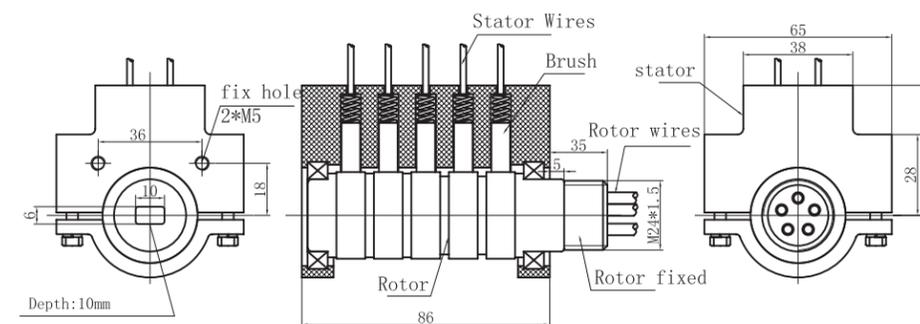
Wires	3	Current	30A
Voltage	600 VDC/VAC	Max speed	150RPM
Contact material	Carbon brush	Torque	1N.m
Working life	40million revolutions	Electrical noise	<50mΩ
Dielectric strength	600VDC@50Hz	Lead Wire	6mm ²
Insulation resistance	1000MΩ@500VDC	Lead Lengths	250mm
Operating Temp.	-40°C to 80°C	Protection	IP51
Mechanical vibration	MIL-SID-810E	Humidity	10% to 90% RH
Materials	Lead Free,RoHS compliant	CE Certified	YES

Notes:

- 1)The operational life of the unit is dependent upon rotational speed, environment and temperature.
- 2)Lead Wire size: 8A -> AWG16, 15A -> AWG16, 30A -> AWG12 colored code.
- 3)Electrical noise is dependent upon the rotating speed and current, voltage.

	Max Spee	Working life (revolutions)	Torque	Housing Material	Electrical noise ^③
MW2530	150RPM	40million	4N·m	Plastics	10mΩ

Drawings



MW2530

Lead wire Color codes

Rings#	Color Code	5	Blue		
1	RED				
2	blk				
3	YELLOW				
4	Green				

Options

- Optional flange mounting.
- Specified connectors and Heat-shrink tube.
- Longer lead lengths available.
- High temperature is optional.
- Military Grade.