

MW1630 Slip Rings

OD 30mm * Length 66mm, 6Wires * 30A

MW1630 slip rings are small and compact with OD 30mm * L66mm, standard, off-the-shelf. Color-coded lead wires are used on both the stator and rotor for simplified electrical connections. Using a 90° V-groove ring design for each ring.



Specifications

PART #	OD(MM)*LENGTH	8A	15A	30A	60A	TOTAL WIRES
MW1630	30MM*66MM	0	0	6	0	3

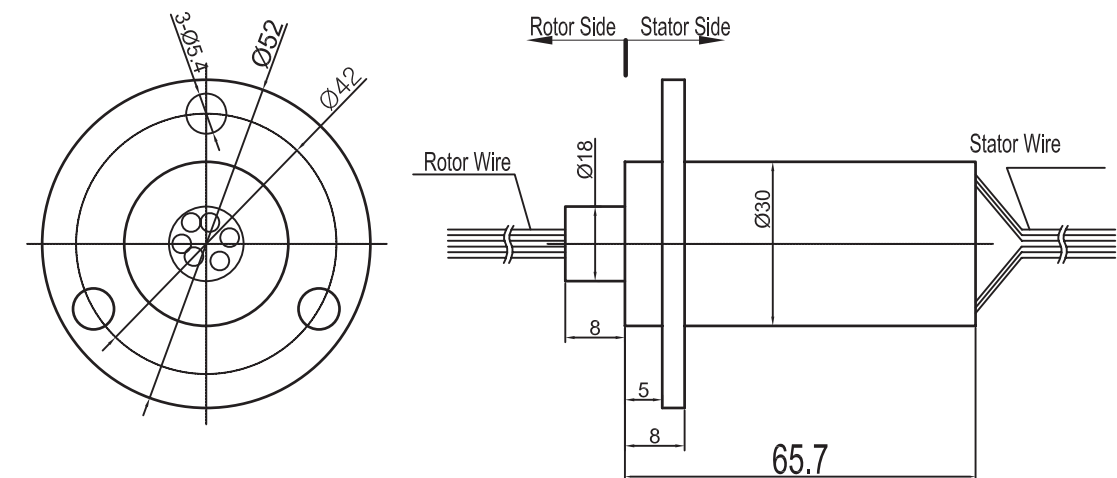
Shared Specifications

Wires	6	Current	30A
Voltage	600 VDC/VAC	Max speed	250RPM
Overall diameter	30mm	Length	66mm
Contact Material	Precious Metal:gold-gold	Contact Resistance	<2mOhm
Housing Material	Plastics	Torque	0.06N.m
Working life	40million revolutions	Electrical noise	<5mΩ
Dielectric strength	1000VDC@50Hz	Lead Wire	UL Teflon® Awg16
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.

Drawings



Lead wire Color codes

Rings#	Color Code				
1	RED				
2	BLK				
3	YELLOW				

Options

- MW16309 is the high-end version corresponding to MW1330.
- Optional flange mounting.
- Specified connectors and Heat-shrink tube.
- Longer lead lengths available.
- High temperature is optional.
- Military Grade

How to install?

