

MW5360 Slip Rings

3wires * 60A, bore size 50.8mm(2")

MW5360 slip rings, Designed for 3wires * 60A, with through bore size 50.8mm(2"), overall diameter 120mm, are standard, off-the-shelf, Color-coded lead wires are used on both the stator and rotor for simplified electrical connections.

Specifications

PART #	OD(MM)*LENGTH	8A	15A	30A	60A	TOTAL WIRES
MW5360	120MM*100MM	0	0	0	3	3

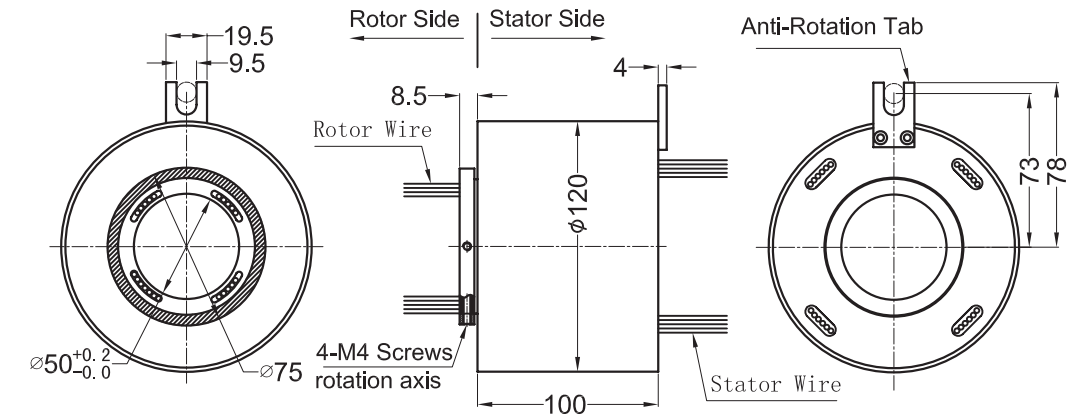
Shared Specifications

Wires	3	Current	60A
Voltage	600 VDC/VAC	Max speed	250RPM
Overall diameter	120mm	Length	100mm
Contact Material	Precious Metal:gold-gold	Contact Resistance	<100mOhm(AWG16#,250mm)
Housing Material	AL Alloy	Torque	0.5N.m
Working life	80million revolutions	Electrical noise	<10mΩ
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: 2A/signal -> AWG22, 10A -> AWG16, 20A -> Awg14, colored code.
- 3)Electrical noise is dependent upon the rotating speed and current,voltage.

Drawings



MW5360

Lead wire Color codes

Rings#	Color Code	Rings#	Color Code	Rings#	Color Code
1	BLK	5	YEL	9	GRY
2	BRN	6	GRN	10	WHT
3	RED	7	BLU	11	PINK
4	ORN	8	PURPLE	12	AZURY

Options

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