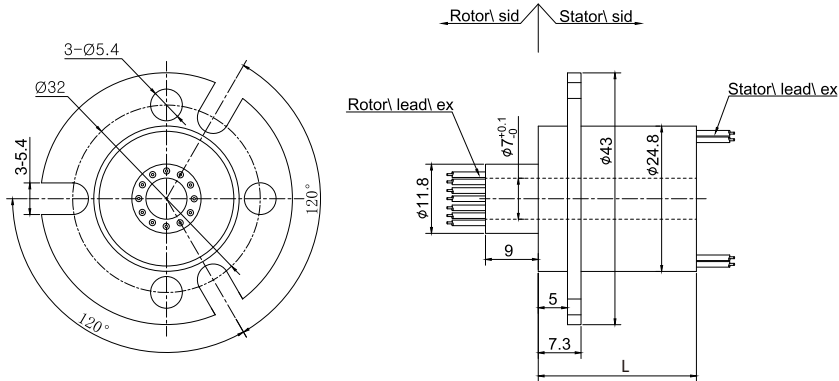
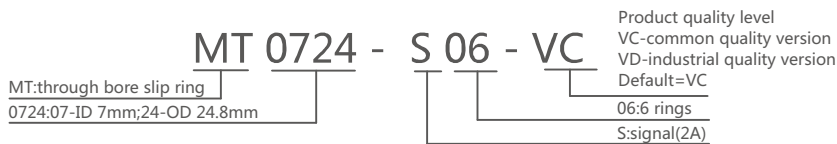


# MT0724 Series

MT0724 series provides a 7mm through-bore for routing of hydraulic or pneumatic lines or hydraulic or pneumatic rotating shaft installation, and a compact 24.8mm outside diameter, features long life, fiber brush contact technology for ultimate performance in many challenging applications. MT0724 series are standard, off-the-shelf products, Color-coded lead wires are used on both the stator and rotor for simplified electrical connections. It can transmit signal(2A), 5A current when 360° degree free rotating.



## Part# Explanation



## Part# List

MT0724 Series Parts# List		
Part#	Signal or 2A	Length-L (mm)
MT0724-S02	2	27
MT0724-S04	4	27
MT0724-S06	6	27
MT0724-S08	8	27
MT0724-S10	10	27
MT0724-S12	12	27

Note:N channels 2A rings parallel can be used as 1 channel N\*2A current. For example: 2 rings 2A parallel could be used as 1 wires 4A

## Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	10 million revs	Rated Voltage	Power	Signal
Rotating Speed	Max 250RPM	Insulation Resistance	0~240VAC/VDC	0~240VAC/VDC
Working Temperature	-30°C~80°C	Lead Wires	≥500MΩ/500VDC	≥500MΩ/500VDC
Operating Humidity	0~85% RH	Lead Length	AWG28#Teflon	AWG28#Teflon
Contact Material	Gold-gold	Insulation Strength	Standard 300mm(adjustable)	
Housing Material	Aluminium Alloy	Electrical Noise	500VAC@50Hz , 60s	
Torque	0.05N.m ; +0.02N.m/6rings		<0.01Ω	
Protection Grade	IP51			

## Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Contact Material
VC	250RPM	20 Million Revs	Precious Metal
VD	600RPM	60 Million Revs	Gold-Gold

## Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT