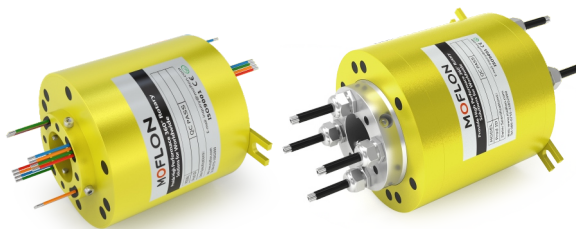


NT050

※ Note: If an inner hole of <50mm is required, it can be achieved by adding an inner-lined shaft sleeve



NT Series Through Bore Slip Rings

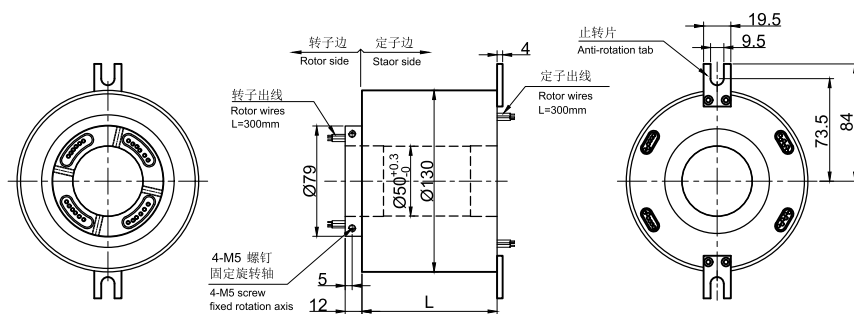
NT 050-P 0610-S 06

06:6 rings(0~5A/Ring)

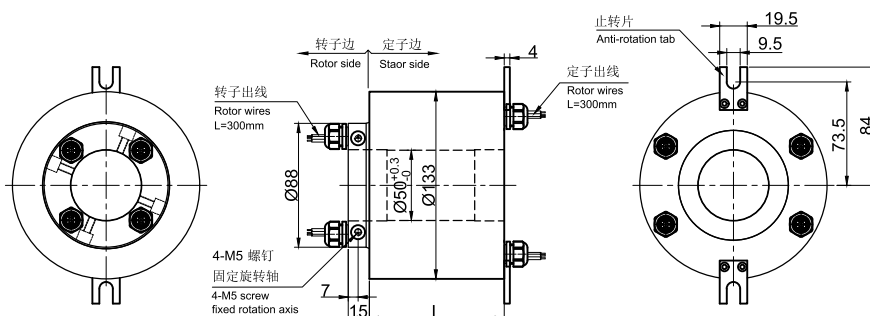
S:Signal

0610:06-6rings;rated 0~10A/ring

NT050 IP66



NT050 IP68



选型表

NT050 Series Parts# List							
Part#	10A	Signal/5A	Length-L (mm)	Part#	10A	Signal/5A	Length-L (mm)
NT050-S06-IP66	0	6	96.8	NT050-S06-IP68	0	6	95.8
NT050-P0610-IP66	6	0	96.8	NT050-P0610-IP68	6	0	95.8
NT050-S12-IP66	0	12	118.4	NT050-S12-IP68	0	12	117.4
NT050-P0610-S06-IP66	6	6	118.4	NT050-P0610-S06-IP68	6	6	117.4
NT050-P1210-IP66	12	0	118.4	NT050-P1210-IP68	12	0	117.4
NT050-S18-IP66	0	18	140	NT050-S18-IP68	0	18	139
NT050-P0610-S12-IP66	6	12	140	NT050-P0610-S12-IP68	6	12	139
NT050-P01210-S06-IP66	12	6	140	NT050-P01210-S06-IP68	12	6	139
NT050-P1810-IP66	18	0	140	NT050-P1810-IP68	18	0	139
NT050-S24-IP66	0	24	161.6	NT050-S24-IP68	0	24	160.6
NT050-P0610-S18-IP66	6	18	161.6	NT050-P0610-S18-IP68	6	18	160.6
NT050-P1210-S12-IP66	12	12	161.6	NT050-P1210-S12-IP68	12	12	160.6
NT050-P1810-S06-IP66	18	6	161.6	NT050-P1810-S06-IP68	18	6	160.6
NT050-P2410-IP66	24	0	161.6	NT050-P2410-IP68	24	0	160.6
NT050-S30-IP66	0	30	183.2	NT050-S30-IP68	0	30	182.2
NT050-P0610-S24-IP66	6	24	183.2	NT050-P0610-S24-IP68	6	24	182.2
NT050-P1210-S18-IP66	12	18	183.2	NT050-P1210-S18-IP68	12	18	182.2
NT050-P1810-S12-IP66	18	12	183.2	NT050-P1810-S12-IP68	18	12	182.2
NT050-P2410-S06-IP66	24	6	183.2	NT050-P2410-S06-IP68	24	6	182.2
NT050-P3010-IP66	30	0	183.2	NT050-P3010-IP68	30	0	182.2
NT050-S36-IP66	0	36	208.8	NT050-S36-IP68	0	36	207.8
NT050-P0610-S30-IP66	6	30	208.8	NT050-P0610-S30-IP68	6	30	207.8
NT050-P1210-S24-IP66	12	24	208.8	NT050-P1210-S24-IP68	12	24	207.8
NT050-P1810-S18-IP66	18	18	208.8	NT050-P1810-S18-IP68	18	18	207.8
NT050-P2410-S12-IP66	24	12	208.8	NT050-P2410-S12-IP68	24	12	207.8
NT050-P3010-S06-IP66	30	6	208.8	NT050-P3010-S06-IP68	30	6	207.8
NT050-P3610-IP66	36	0	208.8	NT050-P3610-IP68	36	0	207.8
NT050-S42-IP66	0	42	230.4	NT050-S42-IP68	0	42	229.4
NT050-P0610-S36-IP66	6	36	230.4	NT050-P0610-S36-IP68	6	36	229.4
NT050-P1210-S30-IP66	12	30	230.4	NT050-P1210-S30-IP68	12	30	229.4
NT050-P1810-S24-IP66	18	24	230.4	NT050-P1810-S24-IP68	18	24	229.4
NT050-P2410-S18-IP66	24	18	230.4	NT050-P2410-S18-IP68	24	18	229.4
NT050-P3010-S12-IP66	30	12	230.4	NT050-P3010-S12-IP68	30	12	229.4
NT050-P3610-S06-IP66	36	6	230.4	NT050-P3610-S06-IP68	36	6	229.4
NT050-P4210-IP66	42	0	230.4	NT050-P4210-IP68	42	0	229.4
NT050-S48-IP66	0	48	252	NT050-S48-IP68	0	48	251
NT050-P0610-S42-IP66	6	42	252	NT050-P0610-S42-IP68	6	42	251
NT050-P1210-S36-IP66	12	36	252	NT050-P1210-S36-IP68	12	36	251
NT050-P1810-S30-IP66	18	30	252	NT050-P1810-S30-IP68	18	30	251
NT050-P2410-S24-IP66	24	24	252	NT050-P2410-S24-IP68	24	24	251
NT050-P3010-S18-IP66	30	18	252	NT050-P3010-S18-IP68	30	18	251
NT050-P3610-S12-IP66	36	12	252	NT050-P3610-S12-IP68	36	12	251
NT050-P4210-S06-IP66	42	6	252	NT050-P4210-S06-IP68	42	6	251
NT050-P4810-IP66	48	0	252	NT050-P4810-IP68	48	0	251

Note: 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.10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmails.

Specifications

Electrical Data		
Parameter	Value	
	Power	Signal
Rated Voltage	0~690VAC/VDC	0~440VAC/VDC
Insulation Resistance	≥1000MΩ/1000VDC	≥1000MΩ/500VDC
Dielectric Strength	1mm² Cable	0.2mm²Cable
Lead Length	Standard 300mm	
Lead Wires	1000VAC@50Hz,60s	
Electrical Noise	<0.01Ω	
Mechanical Data		
Parameter	Value	
Rotating Speed	100RPM	
Working Temperature	-30°C~80°C/-45°C~80°C(Military optional)	
Operating Humidity	0~85% RH/0~97% RH(Military optional)	
Housing Materia	Aluminum alloy / Aluminum alloy + Stainless steel	
Protection Grade	IP66/IP68	

Options for custom slip ring

Note: The following special requirements can be customized, with delivery times increasing by 3 to 15 days and costs increasing by 5% to 50%. Most of our basic components are standardized and modularized, and non-standard customization can also significantly reduce costs and delivery times.

- ① The outlet mode and length of the rotor and stator can be customized.
- ② Due to structural constraints, customization can be made according to specified length, height, or outer diameter.
- ③ Optional aviation plugs, terminals, and heat-shrink tubing are available.
- ④ Hybrid slip rings for servo system signals, power lines, and encoder lines from Yaskawa, Panasonic, Siemens, etc.
- ⑤ It supports mixed high-speed data transmission (including various industrial buses such as Ethernet, USB, RS232, Rs485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfinET, EtherCAT, etc.).
- ⑥ Mixing of temperature control signals and thermocouple signals.
- ⑦ Customized for shockproof, high-temperature, and other special environments.
- ⑧ It can be integrated with pneumatic, hydraulic rotary joints to form a hybrid pneumatic-electric-hydraulic slip ring.
- ⑨ Military grade.
- ⑩ Requirements for stainless steel casing.

Technical support email: technical@moflon.com