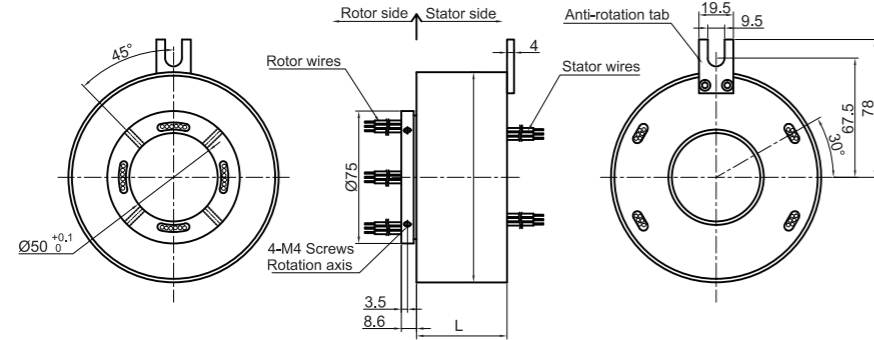
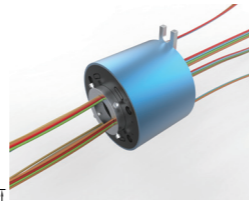
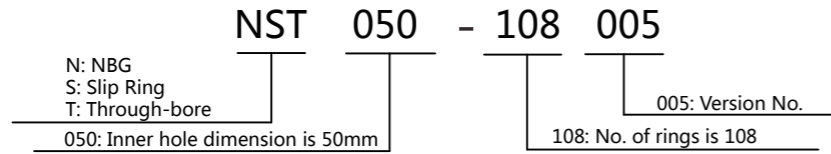


NST050108005

Standard series integrated precious slip ring, the OD is 104mm, bore size is 50-51mm.



Part# Explanation



Part# List

Model	Rings No. (10A) *	Rings No. (5A) *	L (mm)	Model	Rings No. (10A) *	Rings No. (5A) *	L (mm)
NST050002001	0	2	36	NST050036001	0	36	169.2
NST050002002	2	0	36	NST050036002	6	30	169.2
NST050003001	0	3	39.8	NST050036003	12	24	165.2
NST050003002	3	0	39.8	NST050036004	36	0	165.2
NST050006001	0	6	51.2	NST050042001	0	42	192
NST050006002	2	4	51.2	NST050042002	6	36	192
NST050006003	4	2	51.2	NST050042003	12	30	192
NST050006004	6	0	51.2	NST050048001	0	48	214.8
NST050012001	0	12	74	NST050048002	6	42	214.8
NST050012002	2	10	74	NST050048003	9	39	214.8
NST050012003	3	9	74	NST050048004	12	36	214.8
NST050012004	6	6	74	NST050048005	18	30	214.8
NST050012005	8	4	74	NST050048006	24	24	214.8
NST050012006	10	2	74	NST050060001	0	60	260.4
NST050012007	12	0	74	NST050060002	6	54	260.4
NST050018001	0	18	96.8	NST050060003	9	51	260.4
NST050018002	2	16	96.8	NST050060004	12	48	260.4
NST050018003	4	14	96.8	NST050072001	0	72	310
NST050018004	6	12	96.8	NST050072002	6	66	310
NST050018005	8	10	96.8	NST050072003	12	60	310
NST050018006	10	8	96.8	NST050072004	24	48	310
NST050018007	12	6	96.8	NST050072005	36	36	310
NST050018008	14	4	96.8	NST050084001	0	84	355.6
NST050018009	16	2	96.8	NST050084002	12	72	355.6
NST050024001	0	24	119.6	NST050084003	24	60	355.6
NST050024002	4	20	119.6	NST050084004	36	48	355.6
NST050024003	6	18	119.6	NST050096001	0	96	401.2
NST050024004	12	12	119.6	NST050096002	12	84	401.2
NST050024005	18	6	119.6	NST050096003	24	72	401.2
NST050024006	24	0	119.6	NST050096004	36	60	401.2
NST050030001	0	30	142.4	NST050096005	42	54	401.2
NST050030002	6	24	142.4	NST050108001	0	108	450.8
NST050030003	12	18	142.4	NST050108002	12	96	450.8
NST050030004	18	12	142.4	NST050108003	24	84	450.8
NST050030005	24	6	142.4	NST050108004	36	72	450.8
NST050030006	30	0	142.4	NST050108005	48	60	450.8

N rings 5A in parallel can be used as 1 channel N*5A. For example: 2 rings 5A in parallel can be used as 1 channel 10A
Contact the customer service if you have special requirements.

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
			Power	Signal
Lifetime	10~120 million revs	Rated Voltage	0~690VAC/VDC	0~440VAC/VDC
Rotating speed	0~300 RPM	Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Working Temp.	-30°C~80°C	Lead Wire	AWG16#Teflon (Customizable)	AWG22#Teflon (Customizable)
Operating Humidity	0~85% RH	Lead Length	Standard Length 300mm (adjustable)	
Contact Material	silver-silver	Insulating Strength	1000VAC@50Hz , 60s	
Housing Material	aluminum alloy	Electric Noise	<0.01Ω	
Torque	0.1N.m ; +0.03N.m/6 rings			
Protection Grade	IP51~IP68			

Lead Wires Color Code

Ring	1	2	3	4	5	6
Color	RED	WHT	BLU	BLK	YEL	GRY
Ring	7	8	9	10	11	12
Color	PUR	GRN	PNK	ORG	BRN	SLV

Contact the customer service if you have special requirements

Options

Below special demands can be customized. According, the delivery date will be extended 3 to 15 days, and the cost will be increased 30% to 50%. Most of our basic parts are standard and modular, which can save the cost and lead time.

- * Cable exit way and cable length can be customized for both rotor and stator
- * Because of the structure limitation, length/height/OD can be customized for both rotor and stator
- * Support current or signal up to 200 rings
- * Optional aviation plug, terminal and heat-shrink tube
- * Hybrid slip ring for all brands of servo control signal, power line and encoder line
- * Support mixed high speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc)
- * Combine temperature control signal with thermocouple signal
- * Special environment can be customized, such as quakeproof, high temperature, etc.
- * Hybrid pneumatic/hydraulic and electric slip ring can be mixed
- * Up to 500 degrees high temperature
- * Up to 110KV high pressure
- * Up to 20000RPM rotating speed
- * Maximum current can be up to 5000A
- * Military grade
- * Optional waterproof and underwater mode
- * Optional IP68
- * Optional C5 anti-corrosion grade
- * Optional stainless steel housing