:: TB150248 series Through Bore Slip Rings

Features

Continuous transmission of power and/or signal under 360°unrestrained rotation Applies advanced fiber brush technology, free of maintenance or lubricating oil Multi contact points in each circuit, low contact pressure, low noise, low contact wear; extremely long life-time Standardized & modularized design; customized solutions also available



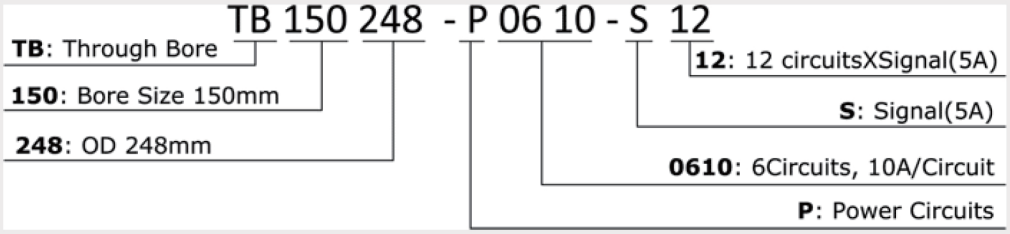
TB150248 Slip Rings

Online Chat

Options(On your request)

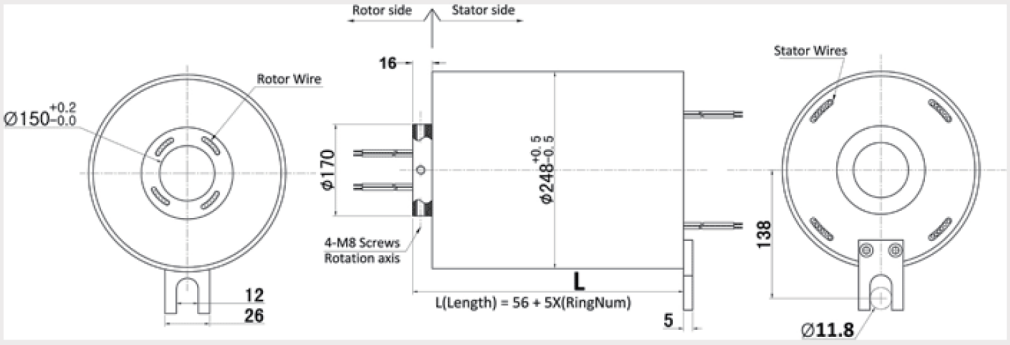
Voltage/current Rated Speed Operating temperature Number of circuits Housing material and color Outline dimension Special lead wire Lead exit location Lead length IP class Terminal type

Part Instruction:



Specifications			
Circuits	2~72	Voltage	P:800V / S:240VDC/VAC
Max Speed	300RPM	Contact material	Precious Metal:Gold-Gold
Housing Material	Aluminium Alloy	Torque	0.05N.m;+0.03N.m/6rings
Electrical noise	<5mOhn	Contact Resistance	<2mOhm
Dielectric strength	800VDC@50Hz	Lead Wire	Teflon AWG22(5A),AWG17(10A)
Insulation resistance	1000MΩ@600VDC	Lead Lengths	300mm(12")
Operating Temp.	-40°C to 80°C	Storage Temp.	-55°C to 85°C
Bearing.	Deep groove ball	Protection	IP51

Drawings



Standard Parts# in stock

Part#	10A	Signal(5A)	L(mm) - Length (L=56+5 X RingNum)
TB150248-P0210	2	0	66mm
TB150248-S02	0	2	66mm
TB150248-P0310	3	0	71mm
TB150248-P0210-S02	2	2	76mm
TB150248-P0610	6	0	86mm
TB150248-P0210-S04	2	4	86mm
TB150248-P0310-S03	3	3	86mm
TB150248-P0410-S02	4	2	86mm
TB150248-S06	0	6	86mm
TB150248-P1210	12	0	116mm

TB150248-S12	0	12	116mm
TB150248-P0210-S10	2	10	116mm
TB150248-P0410-S08	4	8	116mm
TB150248-P0610-S06	6	6	116mm
TB150248-P0810-S04	8	4	116mm
TB150248-P1810	18	0	146mm
TB150248-S18	0	18	146mm
TB150248-P0210-S16	2	16	146mm
TB150248-P0610-S12	6	12	146mm
TB150248-P1210-S06	12	6	146mm
TB150248-P2410	24	0	176mm
TB150248-S24	0	24	176mm
TB150248-P0410-S20	4	20	176mm
TB150248-P0610-S18	6	18	176mm
TB150248-P1210-S12	12	12	176mm
TB150248-P1810-S06	18	6	176mm

Part#	10A	Signal(5A)	L(mm) - Length (L=56+5 X RingNum)
TB150248-P3010	30	0	206mm
TB150248-S30	0	30	206mm
TB150248-P0610-S24	6	24	206mm
TB150248-P1210-S18	12	18	206mm
TB150248-S36	0	36	236mm
TB150248-P0610-S30	6	30	236mm
TB150248-P1210-S24	12	24	236mm
TB150248-P2410-S12	24	12	236mm
TB150248-S48	0	48	296mm
TB150248-P0610-S42	6	42	296mm
TB150248-P1210-S36	12	36	296mm
TB150248-P2410-S24	24	24	296mm
TB150248-S60	0	60	356mm
TB150248-P1210-S48	12	48	356mm
TB150248-P1810-S42	18	42	356mm
TB150248-P2410-S36	24	36	356mm
TB150248-S72	0	72	416mm
TB150248-P1210-S60	12	60	416mm
TB150248-P2410-S48	24	48	416mm
TB150248-P3610-S36	36	36	416mm

If used for servo motor power, encoder signal and devicenet,profinet,canbus,profibus ... and so on,
If used for IP65 or IP68, high temperature 250 degree,specified connectors,shielding cables,Large Current...
please contact our technical team for details: **info@rionsr.com**

Color Code Seq

6 colors for one group,indicated with number code pipe.

Lead wire Color codes						
Rings#	1	2	3	4	5	6
Color	BLK	RED	YEL	GRN	BLU	WHT

Typical applications

Industrial machinery-machining centers, rotary index table Heavy equipment turrets, cable reels, test equipments Packaging machines, palletizing machines, magnetic clutch, process equipment Rotary sensors, emergency lighting, robotics Exhibit/display equipment, medical equipment

Customized on your request

If you don't see what you want in this website,let us know; we may already have it designed or we will modify a design to meet your requirements. In many cases the specifications in the catalog can be changed to include bore size, circuits number, higher current/voltage,flange, lead wire length,shielding,connectors,higher speed,IP68,military grade,higher temperature, mixed with pneumatic/hydraulic capability. Please ask if you don't see exactly what you need as only a small fraction of our Rion slip rings are included in this catalog!

For a detailed outline drawing/3D modal files of a specific model number, or to request a quotation, please contact your local sales representative or send an email to sales@rionsr.com