

BXJG SERIES MILITARY SLIP RING MANUAL

Military conductive slip rings are a general term for conductive slip rings specifically designed for military equipment. They are also known as military slip rings. With the development of science and technology, countries are constantly developing New military equipment. These new military equipment require 360 degree rotation and transmission of current or control signals in some critical areas, greatly reducing installation space and improving the performance of military products in terms of structure and performance.

The requirements for slip rings in military industry are higher than those in ordinary civilian fields. Its technical indicators are: stable performance, long service life, maintenance free, and can fully meet the special requirements of military equipment in different application fields such as high protection level, high and low temperature resistance (-55~240~C), vibration resistance, impact resistance, and high voltage. Resistance and low electrical noise (less than 5m). Special requirements such as isolation degree less than 60dB, extremely low signal transmission loss, etc. Therefore, when manufacturing military conductive slip rings, from the perspective of material quality, it is necessary to ensure that military materials are used from the inside out. The conductive ring and brush wire should be made of expensive contact materials. To ensure wear resistance, stability, and reliability, stainless steel should be selected as the shell material to ensure the required protection level. In the machining process, it is required to increase the precision and improve the stability of the sliding ring.



The main fields of military conductive slip rings

1. Shipborne radar turntable.
2. Rotating turrets on military armored vehicles.
3. Military mixer.
4. Military robots (mine sweeping).
5. Airborne radar turntable/guidance/air warning system.
6. Ship electric thrusters, radar guidance, missile launch and defense systems.

Product advantages

Strict and precise technical parameter requirements

Metal to metal contact material

Long service life, maintenance free, and stable performance

Adapt to harsh working environments, such as high and low temperatures (-55 °C~+240 °C), shock resistance, vibration resistance, immersion resistance, salt spray, drop resistance, wet and hot weather, etc

High protection level (Ip68)

Low electrical noise, isolation degree>60dB, extremely low signal transmission loss;

BXJG-BZ075-58-2RF

MILITARY RADAR SLIP RING SERIES

Technical Parameter

Mechanical technical indicators	Electrical Specifications
Number of rings: 58 ring	Rated voltage: 0~120VAC/120VDC
Rated current: 6A/14/ring, 2A/37/ring,1A/7/ring	Insulation resistance: $\geq 500M\Omega/1000VDC$
Rated speed: 3~250RPM	Dielectric strength: 500VAC@50Hz, 60s
Operating temperature: -40°C~80°C	Dynamic resistance change value: $\leq 10m\Omega$
Working humidity:0~85% RH	Static contact resistance: $\leq 50m\Omega$
Contact material: precious metal	Protection class: Ip65
shell material: Aluminum alloy	

RF channel characteristics

Number of microwaves	Frequency	Power	Insertion Loss	VSWR
2	$0GHz \leq f \leq 4.5GHz$	50w@1GHz	$\leq 1.5db$	≤ 1.3

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Technical Parameter

Mechanical technical indicators	Electrical Specifications
Number of rings: 44 ring	Rated voltage: 0~400VAC/24VDC
Rated current: 25A/5/ring, 10A/19/ring,2A/20/ring	Insulation resistance: $\geq 1000M\Omega/1000VDC$
Rated speed: 0~250RPM	Dielectric strength: 1200VAC@50Hz, 60s
Operating temperature: -40°C~80°C	Dynamic resistance change value: $\leq 10m\Omega$
Working humidity:0~85% RH	Protection class: IP65
Contact material: precious metal	
shell material: Aluminum alloy	

RF channel characteristics

Wavelength	Optical Path	Optical Insertion Loss	Return Loss	Connector Type
850-1310nm	5	<2dB	>60dB	FC

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-MD119-12

MILITARY RADAR SLIP RING SERIES

Electrical Specifications

Project	Power	Signal
Rated voltage	0~440VAC/VDC	0~440VAC/VDC
Insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Dielectric strength	500VAC@50Hz,60s	
Dynamic resistance change value	<10mΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	12Ring	Working humidity	0~85% RH
Rated current	5A/12/Ring	Contact material	precious metal
working life	100 Million revs	shell material	Aluminum alloy
Working temperature	-30°C~80°C	Protection class	IP65

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

Project	Power
Rated voltage	0~380VAC/24VDC
Insulation resistance	≥1000MΩ/1000VDC
Dielectric strength	300VAC@50Hz, 60s
Dynamic resistance change value	≤10mΩ
Protection class	IP65

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	55 Ring	Working humidity	0~85% RH
Rated current	20A/4/Ring,0.5-2A/42/Ring Network cable 6 loops, if 3 loops	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Working temperature	-40°C~80°C		

RF channel characteristics

IF Channels	Frequency	Power	Insertion Loss	VSWR
1	0GHz≤f≤130GHz	50w@130GHz	≤1.5db	≤1.3

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BSDI224

MILITARY INDUSTRYPOD SLIP RING SERIES

Electrical Specifications

Project	Power	Signal
Rated voltage	0~440VAC/VDC	0~440VAC/VDC
Insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Dielectric strength	500VAC@50Hz,60s	
Dynamic resistance change value	<10mΩ	

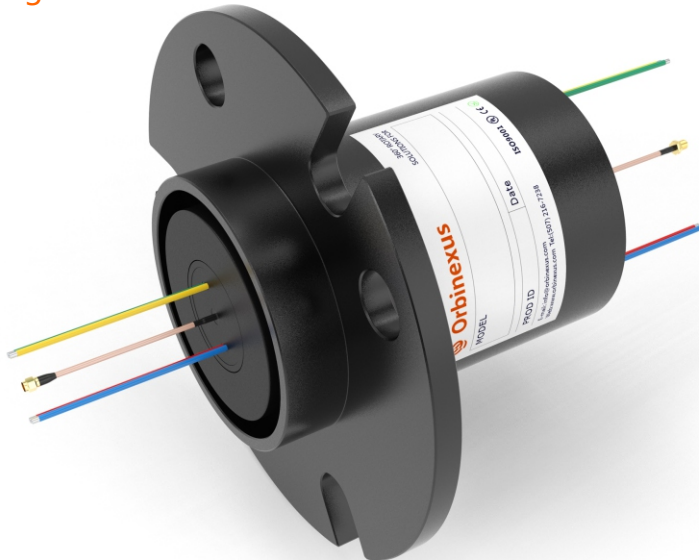
Mechanical technical indicators

parameter	value	parameter	value
Number of rings	25 Ring	Working humidity	0~85% RH
Rated current	2A/24/ring, HD HD-SDI 1road	Contact material	precious metal
working life	200 Million revs	shell material	Aluminum alloy
Operating temperature	-40°C~80°C	Protection class	IP65

RF channel characteristics

HD-SDI	Frequency	Impedance	Insertion Loss	VSWR
1	0GHz≤f≤2.3GHz	75 ohms	≤0.65db	≤1.3

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

Project	Power	signal
Rated voltage	0~120VAC/VDC	0~120VAC/VDC
Insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/150VDC
Dielectric strength	500VAC@50Hz, 60s	
Dynamic resistance change value	< 10mΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	56 Ring	Working humidity	0~85% RH
Rated current	2A/56/ring	Contact material	precious metal
working life	100Million revs	shell material	Aluminum alloy
Rated speed	0~250RPM	Protection class	IP65
Operating temperature	-30°C~80°C		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BFO108-04

MILITARY INDUSTRYPOD SLIP RING SERIES

Electrical Specifications

Project	Power	Signal
Rated voltage	0~380VAC/VDC	0~380VAC/VDC
Insulation resistance	≥500MΩ/600VDC	≥500MΩ/600VDC
Dielectric strength	500VAC@50Hz,60s	
Dynamic resistance change value	<10mΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	5 Ring	Working humidity	0~85% RH
Rated current	15A/2/ring, 2A/3/ring	Contact material	precious metal
working life	100 Million revs	shell material	Aluminum alloy
Rated speed	0~250RPM	Protection class	IP65
Operating temperature	-40°C~80°C		

RF channel characteristics

Wavelength	Optical Path	Optical Insertion Loss	Return Loss	Connector Type
1310nm	1	<2dB	>54dB	FC

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

Project	Power	signal
Rated voltage	0~750VAC/VDC	0~750VAC/VDC
Insulation resistance	≥800MΩ/1000VDC	≥800MΩ/1000VDC
Dielectric strength	2500VAC@50Hz	
Dynamic resistance change value	< 10mΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	3 Ring	Working humidity	0~85% RH
Rated current	30A/2/ring, 2A/1/ring	Contact material	precious metal
Working life	100Million revs	shell material	Aluminum alloy
Rated speed	0~250RPM	Protection class	IP65
Operating temperature	-55°C~80°C		

RF channel characteristics

Wavelength	Optical Path	Optical Insertion Loss	Return Loss	Connector Type
1310nm	1	<1dB	>54dB	FC

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-MFO208-06

MILITARY INDUSTRYPOD SLIP RING SERIES

Electrical Specifications

Project	Power	Signal
Rated voltage	0~440VAC/VDC	0~440VAC/VDC
Insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Dielectric strength	500VAC@50Hz,60s	
Dynamic resistance change value	<10mΩ	

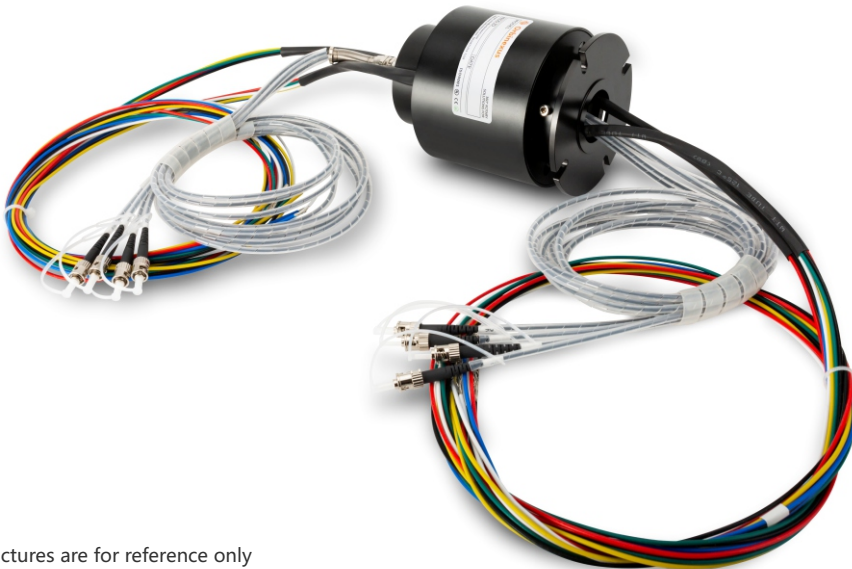
Mechanical technical indicators

parameter	value	parameter	value
Number of rings	8 Ring	Working humidity	0~85% RH
Rated current	2A/6/ring, 2-way optical fiber	Contact material	precious metal
working life	200 Million revs	shell material	Aluminum alloy
Rated speed	0~250RPM	Protection class	IP65
Operating temperature	-30°C~80°C		

RF channel characteristics

Wavelength	Optical Path	Optical Insertion Loss	Return Loss	Connector Type
1650nm	2	<1.5dB	>40dB	FC

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

Project	Power	Project	Power
Rated voltage	0~400VAC/VDC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥500MΩ/1000VDC	Protection clas	IP65
Dielectric strength	500VAC@50Hz , 60s		

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	113 Ring	Working humidity	0~85% RH
Rated speed	0~250RPM	Contact material	precious metal
Operating temperature	-30°C~80°C	shell material	Aluminum alloy
Rated current	0.5A/15/ring, 1A/19/ring, 5A/59/ring, 10-40A/18/ring, 150A/2/ring,		

process parameters

Flow orifice	Medium	Working pressure	Speed	Temperature
X1=Φ35	Hydraulic shaft	6	≤60RPM	-40~°C+80°C
X2=Φ30	Hydraulic shaft	32	≤60RPM	-40~°C+80°C
X3=Φ30	Hydraulic shaft	10	≤60RPM	-40~°C+80°C
X4=Φ25	Hydraulic shaft	25	≤60RPM	-40~°C+80°C
X5/X6/X7=Φ12	Hydraulic shaft	6	≤60RPM	-40~°C+80°C
Drain hole	Hydraulic shaft	2	≤60RPM	-40~°C+80°C

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BEPH600-142

MILITARY INDUSTRYPOD SLIP RING SERIES

Electrical Specifications

Project	Power	Project	Power
Rated voltage	0~220VAC/VDC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥200MΩ/500VDC	Protection clas	IP65
Dielectric strength	500VAC@50Hz, 60s		

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	142 Ring	Working humidity	0~85% RH
Rated current	2A/Ring,142 Ring	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Operating temperature	-40°C~80°C		

process parameters

Flow orifice	Medium	Working pressure	Speed	Temperature
X1/x3=Φ12	Hydraulic shaft	4	≤20RPM	-40~°C+85°C
X2=Φ12	Hydraulic shaft	18	≤20RPM	-40~°C+85°C
X5/X6/X7=Φ10	Hydraulic shaft	4	≤20RPM	-40~°C+85°C

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

Project	Power	Project	Power
Rated voltage	28VDC,27VDC,26VDC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥500MΩ/500VDC	Protection clas	IP65
Dielectric strength	500VAC@50Hz , 60s		

Mechanical technical indicators

parameter	value	parameter	value
Rated speed	0~250RPM	Shell material	Aluminum alloy
Operating temperature	-40°C~80°C	Number of rings	25 ring electricity + 1 ring single mode light
Working humidity	0~85%RH	Rated current	100a/4/ring,20a/4/ring,30a/4/ring,2a/13/ring
Contact material	precious metal		

RF channel characteristics

Wavelength	Optical Path	Optical Insertion Loss	Return Loss	Connector Type
850-1310-1650nm	1	<2dB	>50dB	FC

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BZ250-65

MILITARY INDUSTRYPOD SLIP RING SERIES

Electrical Specifications

Project	Power	Project	Power	Signal
Rated voltage	0~440VAC/VDC	Dynamic resistance change value	≤10mΩ	0~440VAC/VDC
Insulation resistance	≥500MΩ/1000VDC	Protection clas	IP65	≥1000MΩ/500VDC
Dielectric strength	1000VAC@50Hz , 60s			

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	65 Ring	Working humidity	0~85% RH
Rated current	30A/1/Ring,10A/23/Ring,5A/41/Ring	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Operating temperature	-40°C~80°C	working life	200Million revs

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

Project	Power	Project	Power
Rated voltage	28VDC,27VDC,26VDC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥500MΩ/500VDC	Protection clas	IP65
Dielectric strength	500VAC@50Hz , 60s		

Mechanical technical indicators

parameter	value	parameter	value
working life	50Million revs	Contact material	precious metal
Rated speed	100RPM	shell material	Aluminum alloy
Operating temperature	-30°C~+80°C	Turning torque	0.1N.m,+0.03N.m/6road
Working humidity	0~85% RH	Protection clas	IP51

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BH40119

MILITARY INDUSTRYPOD SLIP RING SERIES

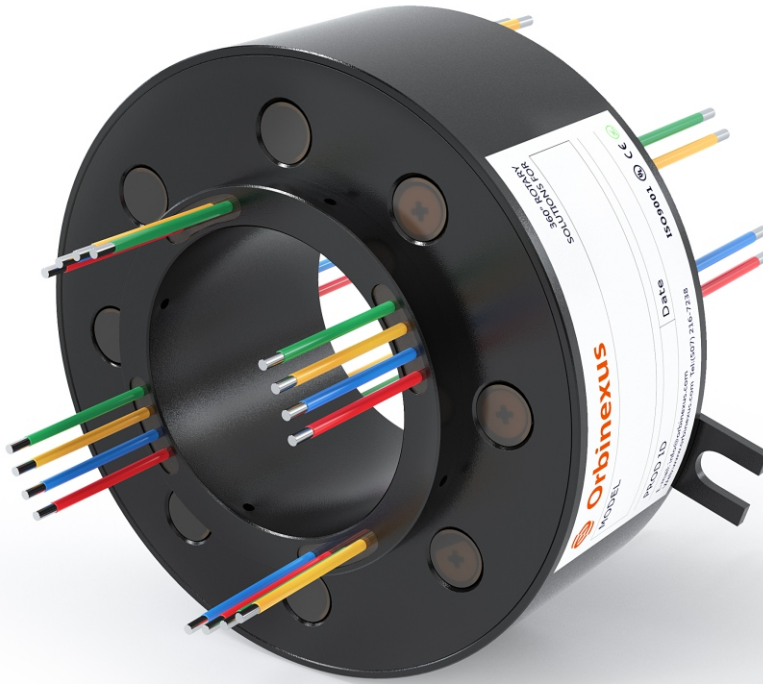
Electrical Specifications

parameter	Frequency	parameter	Frequency	signal
Rated voltage	0~440VAC/VDC	Dynamic resistance change value	≤10mΩ	0~440VAC/VDC
Insulation resistance	≥500MΩ/600VDC	Protection clas	IP65	≥500MΩ/600VDC
Dielectric strength	1000VAC@50Hz , 60s			

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	12 Ring	Working humidity	0~85% RH
Rated current	8A/2/Ring, 2A/10/Ring	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Operating temperature	-40°C~80°C	working life	100Million revs

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

parameter	Frequency	parameter	Frequency	signal
Rated voltage	0~440VAC/VDC	Dynamic resistance change value	≤10mΩ	0~240VAC/VDC
Insulation resistance	≥1000MΩ/500VDC	Protection clas	IP65	≥1000MΩ/500VDC
Dielectric strength	500VAC@50Hz, 60s			

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	6 ring	Rated current	5A/6/Ring
working life	100Million revs	Rated speed	0~150RPM
Operating temperature	-30°C~80°C	Working humidity	0~85% RH
Contact material	precious metal	shell material	Aluminum alloy

RF channel characteristics

Num. RF channel	Frequency	Power capacity	Insertion loss	VSWR
1	0GHz≤f≤30GHz	20W	≤0.3db	≤1.3

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BH44125-07

MILITARY INDUSTRYPOD SLIP RING SERIES

Electrical Specifications

parameter	Frequency	parameter	Frequency	signal
Rated voltage	0~440VAC/240VDC	Dynamic resistance change value	≤10mΩ	0~440VAC/VDC
Insulation resistance	≥1000MΩ/1000VDC	Protection clas	IP65	≥500MΩ/500VDC
Electrical noise	3mΩ@600VDC , 50mA			

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	7 Ring	Working humidity	0~98% RH
Rated current	10A/2/Ring, 2A/5/Ring	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Operating temperature	-40°C~80°C	working life	80Million revs

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

parameter	Frequency	parameter	Frequency
Rated voltage	0~350VAC/VDC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥1000MΩ/1000VDC	Protection clas	IP65
Dielectric strength	1000VDC		

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	28 ring	Rated speed	0~250RPM
Operating temperature	-20°C~65°C	Working humidity	0~85% RH
Contact material	precious metal	shell material	Aluminum alloy
Rated current	10A/16/Ring,2A/12/Ring		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BZ155D-30

MILITARY WINCH SLIDE RING SERIES

Electrical Specifications

parameter	Frequency	parameter	Frequency
Rated voltage	0~440VAC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥1000MΩ/1000VDC	Protection clas	IP65
Dielectric strength	1000VDC		

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	30 Ring	Working humidity	0~98% RH
Rated current	10A/10/Ring, 2A/20/Ring	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Operating temperature	-10°C~50°C		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

parameter	Frequency	parameter	Frequency
Rated voltage	0~350VAC/VDC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥200MΩ/1000VDC	Protection clas	IP68
Dielectric strength	1500VDC		

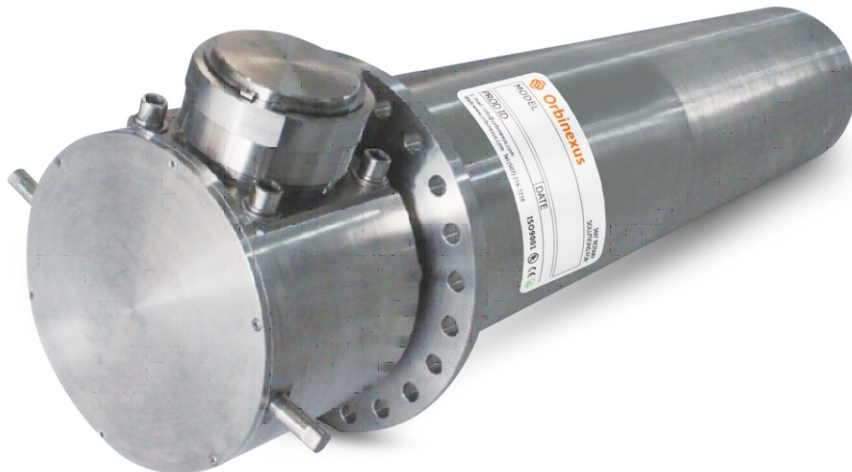
Mechanical technical indicators

parameter	value	parameter	value
Number of rings	32 ring	Rated speed	0~250RPM
Operating temperature	-30°C~65°C	Working humidity	0~85% RH
Contact material	precious metal	shell material	Aluminum alloy
Rated current	5A/20/Ring,2A/12/Ring		

RF channel characteristics

Wavelength	Optical Path	Optical Insertion Loss	Return Loss	Connector Type
850-1310nm	12	<5dB	>45dB	FC

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-010

MILITARY WINCH SLIDE RING SERIES

Electrical Specifications

parameter	Frequency	parameter	Frequency
Rated voltage	0~600VAC	Dynamic resistance change value	≤10MΩ
Insulation resistance	≥500MΩ/1000VDC	Protection clas	IP68
Dielectric strength	500VDC		

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	30 Ring	Working humidity	0~85% RH
Rated current	5A/5/Ring	Contact material	precious metal
Rated speed	0~250RPM	Shell material	Aluminum alloy
Operating temperature	-20°C~65°C	Number of rings	Electric ring 5; Optical fiber ring (6 rings)

Wavelength	Optical Path	Optical Insertion Loss	Return Loss	Connector Type
850-1310nm	12	<5dB	>45dB	FC

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

parameter	Frequency	Signal
Rated voltage	0~600VAC/VDC	0~600VAC/VDC
Insulation resistance	≥500MΩ/1000VDC	≥500MΩ/1000VDC
Electrical noise	maximum 5mΩ@6VDC, 50mA	
Dynamic resistance change value	≤10mΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	3 Ring	Rated current	20A/3/Ring
working life	200Million revs	Working humidity	0~85% RH
Rated speed	0~250RPM	Contact material	precious metal
Operating temperature	-40°C~80°C	Shell material	Aluminum alloy
Protection clas	IP68		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-065-11

MILITARY WINCH SLIDE RING SERIES

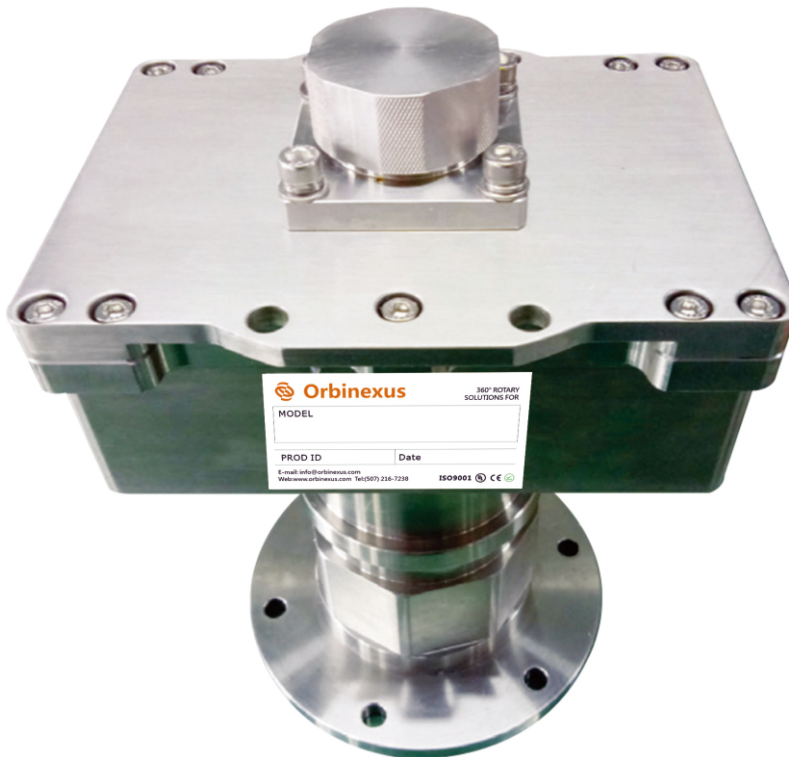
Electrical Specifications

parameter	Frequency	parameter	Frequency
Rated voltage	0~400VAC	Dynamic resistance change value	≤10MΩ
Insulation resistance	≥1000MΩ/1000VDC	Protection clas	IP68
Dielectric strength	1000VDC		

Mechanical technical indicators

parameter	value	parameter	value
Rated current	5A/5/Ring, Signal 9 Ring	Working humidity	0~85% RH
Rated speed	0~50RPM	Contact material	precious metal
Operating temperature	-40°C~65°C	Shell material	Aluminum alloy

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

parameter	Power	Signal
Rated voltage	0~400VAC/VDC	0~400VAC/VDC
Insulation resistance	≥1000MΩ/800VDC	≥1000MΩ/800VDC
Electrical noise	Maximum 5mΩ@6VDC, 50mA	
Dynamic resistance change value	≤10mΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	106 Rings	Rated current	10A/28/Ring,2A/78/Rings
working life	100Million revs	Working humidity	0~85% RH
Rated speed	0~250RPM	Contact material	precious metal
Operating temperature	-30°C~80°C	Shell material	Aluminum alloy
Protection clas	IP65		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-099-109

MILITARY TURNTABLE SLIP RING SERIES

Electrical Specifications

parameter	Frequency	signal
Rated voltage	0~220VAC/VDC	0~220VAC/VDC
Insulation resistance	≥500MΩ/500VDC	≥500MΩ/500VDC
Dielectric strength	500VAC@50Hz,60s	
Dynamic resistance change value	≤10MΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	109 Rings	Working humidity	0~85% RH
Rated current	15A/5/Ring,2A/104/Ring	Contact material	precious metal
working life	100Million revs	shell material	Aluminum alloy
Rated speed	0~300RPM	Protection clas	Ip65
Operating temperature	-30°C~80°C		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

parameter	Power	parameter	Power
Rated voltage	0~380VAC/240VDC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥500MΩ/1000VDC	Protection clas	IP65
Dielectric strength	1000VAC@50Hz,60s		

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	150 Rings	Working humidity	0~85% RH
Rated speed	0~600RPM	Contact material	precious metal
Operating temperature	-20°C~80°C	Shell material	Aluminum alloy
Rated current	25A/20/Ring,5A/130/142/Rings		

Wavelength	Optical Path	Optical Insertion Loss	Return Loss	Connector Type
1310-1550nm	6	<2dB	>50dB	FC

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-050-19

MILITARY CENTRIFUGE SLIP RING SERIES

Electrical Specifications

parameter	Power	parameter	Power
Rated voltage	0~400VAC/240VDC	Dynamic resistance change value	≤10MΩ
Insulation resistance	≥1000MΩ/1000VDC	Protection clas	IP65
Dielectric strength	1000VAC@50Hz,60s		

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	19 Rings	Working humidity	0~85% RH
Rated current	220A/5/Ring,5A/14/Ring	Contact material	precious metal
Rated speed	0~300RPM	shell material	Aluminum alloy
Operating temperature	-30°C~80°C		

process parameters

Flow orifice	Medium	Working pressure	Speed	Temperature
X1=Φ38	compressed air	5	≤600RPM	-30~°C+80°C
X2=Φ50	water	1.1	≤600RPM	-30~°C+80°C
X3=Φ50	water	1.1	≤600RPM	-30~°C+80°C

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

parameter	Power	parameter	Power
Rated voltage	0~380VAC/240VDC	Dynamic resistance change value	≤10mΩ
Insulation resistance	≥500MΩ/1000VDC	Protection clas	IP65
Dielectric strength	1000VAC@50Hz,60s		

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	26 Rings	Working humidity	0~85% RH
Rated speed	0~150RPM	Contact material	precious metal
Operating temperature	-20°C~80°C	Shell material	Aluminum alloy
Rated current	100A/4/Ring,2A/22/Rings		

process parameters

Flow orifice	Medium	Working pressure	Speed	Temperature
X1/X2/X3/X4=Φ12	Hydraulic shaft	30	≤150RPM	-20~°C+80°C

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BC400

MILITARY CENTRIFUGE SLIP RING SERIES

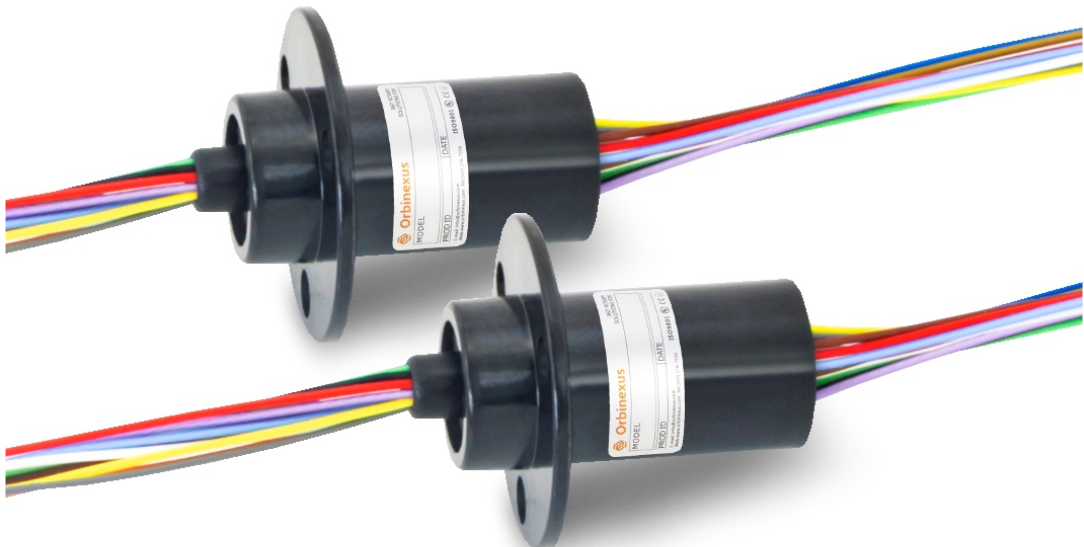
Electrical Specifications

parameter	Power	Signal
Rated voltage	0~240VAC/VDC	0~240VAC/VDC
Insulation resistance	≥600MΩ/500VDC	≥600MΩ/500VDC
Dielectric strength	1000VAC@50Hz,60s	
Dynamic resistance change value	≤10MΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	25 Rings	Working humidity	0~85% RH
Rated current	2A/24/Ring,HD-SDI/1/Ring	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Operating temperature	-30°C~80°C	Protection clas	IP65
working life	100Million revs		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Electrical Specifications

parameter	Power	Signal
Rated voltage	0~240VAC/VDC	0~240VAC/VDC
Insulation resistance	≥600MΩ/500VDC	≥600MΩ/500VDC
Dielectric strength	1000VAC@50Hz,60s	
Dynamic resistance change value	≤10MΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	13 Rings	Working humidity	0~85% RH
Rated current	2A/12/Ring,HD-SDI/1/Ring	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Operating temperature	-30°C~80°C	Protection clas	IP65
working life	100Million revs		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

BXJG-BBC118

MILITARY CENTRIFUGE SLIP RING SERIES

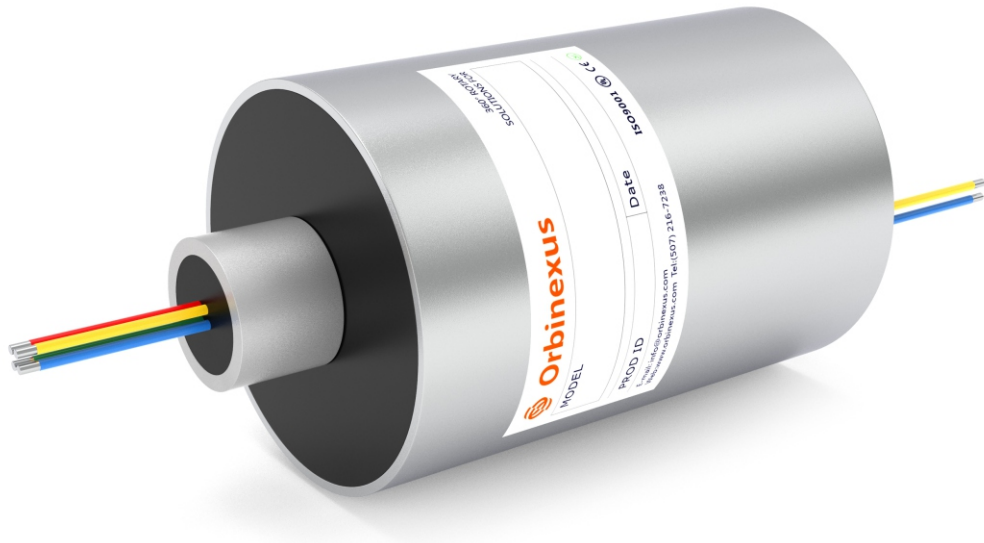
Electrical Specifications

parameter	Power	Signal
Rated voltage	0~240VAC/VDC	0~240VAC/VDC
Insulation resistance	≥600MΩ/500VDC	≥600MΩ/500VDC
Dielectric strength	500VAC@50Hz,60s	
Dynamic resistance change value	≤10MΩ	

Mechanical technical indicators

parameter	value	parameter	value
Number of rings	7 Rings	Working humidity	0~85% RH
Rated current	2A/6/Ring,HD-SDI/1/Ring	Contact material	precious metal
Rated speed	0~250RPM	shell material	Aluminum alloy
Operating temperature	-30°C~80°C	Protection clas	IP65
working life	100Million revs		

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.