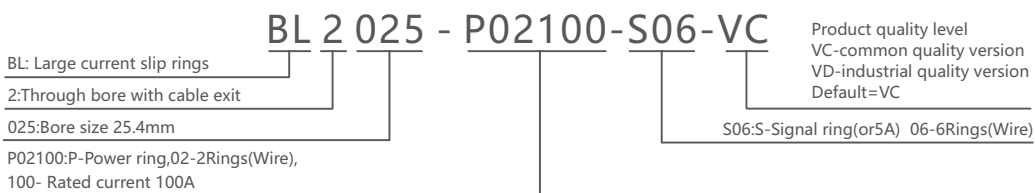
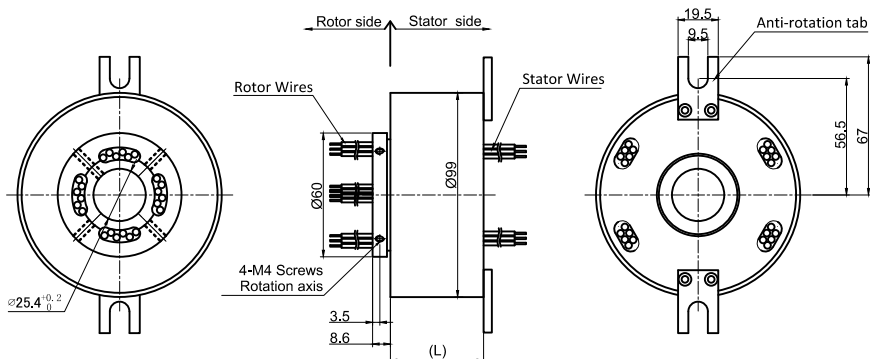


Part# Explanation



Dimensions



BL2025 Series Part# List

Parts#	50A	100A	150A	Signal ring(Thermocouple)	Length(mm)
BL2025-P0160	1	0	0	0	45.2
BL2025-P01100	0	1	0	0	45.2
BL2025-P01150	0	0	1	0	65.6
BL2025-P0260	2	0	0	0	65.6
BL2025-P02100	0	2	0	0	65.6
BL2025-P02150	0	0	2	0	86
BL2025-P0360	3	0	0	0	65.6
BL2025-P03100	0	3	0	0	86
BL2025-P03150	0	0	3	0	126.8
BL2025-P0460	4	0	0	0	86
BL2025-P04100	0	4	0	0	106.4
BL2025-P04150	0	0	4	0	150.2
BL2025-P0660	6	0	0	0	106.4
BL2025-P0160-S06	1	0	0	6	65.6
BL2025-P01100-S06	0	1	0	6	65.6
BL2025-P01150-S06	0	0	1	6	86
BL2025-P0260-S06	2	0	0	6	86
BL2025-P02100-S06	0	2	0	6	86

BL2025 Series Part# List

Parts#	50A	100A	150A	Signal ring(Thermocouple)	Length(mm)
BL2025-P02150-S06	0	0	2	6	106.4
BL2025-P0360-S06	0	0	0	6	86
BL2025-P03100-S06	0	3	0	6	106.4
BL2025-P03150-S06	0	0	3	6	150.2
BL2025-P0460-S06	4	0	0	6	106.4
BL2025-P04100-S06	0	4	0	6	126.8
BL2025-P0860	8	0	0	0	150.2
BL2025-P0660-S06	6	0	0	6	126.8

Note: 1. N channels 60A rings parallel can be used as 1 channel N * 60A current. For example: 2 rings 60A parallel could be used as 1 wires 120A
 2. Optional for adding signal wire, thermocouple signal wire and high temperature resistance, it can be customized on customer's request.
 Please contact customer service for more information.

Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Contact Material
VC	100RPM	10 Million Revs	Precious Metal
VD	200RPM	30 Million Revs	Gold-plated

Mechanical Data

Project	Numerical value
Working Life	See Product Quality Level Table
Rotating Speed	See Product Quality Level Table
Working temperature	-30°C~80°C
Operating Humidity	0~85% RH
Contact Material	See Product Quality Level Table
Housing Materia	aluminium alloy / PBT
Torque	0.1N.m; +0.03N.m/6rings
Protection Grade	IP51

Electrical Data

Project	Numerical value	Signal
Rated Voltage	0~690VAC/VDC	0~240VAC/VDC
Insulation Resistance	≥500MΩ/1000VDC	≥500MΩ/500VDC
Lead Wires	AWG12#/AWG8# /AWG12#parallel/AWG8#parallel	AWG22#Teflon / Type K Thermocouple
Lead Length	Standard 300mm	
Dielectric Strength	500VAC@50Hz, 60s	
Electrical Noise	<0.01Ω	

Options for custom slip ring

Note: Below special demands can be customized According , the delivery date will be extended 3 to15 days; also 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.

1. Cable exit way and cable length can be customized for both rotor and stator.
2. Because of the structure limitation , length / height / OD can be customized on your request.
3. Support current or signal up to 200 ring.
4. Aviation plug , terminal and heat-shrink tube are optional.
5. Hybeid Sslip ring for Yaskawa / Panasonic / Siemens servo control signal , power line and encoder line.
6. Support mixed high speed data transmission (including Ethernet USB , RS232 , RS485 , Profibus , Canbus , CANOPEN , Devicenet , CC-LINProfinet Ethercat . et)
7. Can combine temperature control signal with thermocouple signal.
9. Special environment can be customized , such as quakeproof , high temperature , etc.
9. Hybrid Pneumatic / hydraulic and electric slip ring can be mixed.
10. Optical fiber connector , optical fiber type and fiber pigtail length can be customized.
11. Optic fiber channels can be customized.
12. Optic fiber wavelength can be customized.
13. Maximum current can up to 5000 amperes.
14. Military grade.
15. Optional for underwater IP65 , Ip68.
16. Optional for stainless steel housing.

Technical support : Info@orbinexus.com