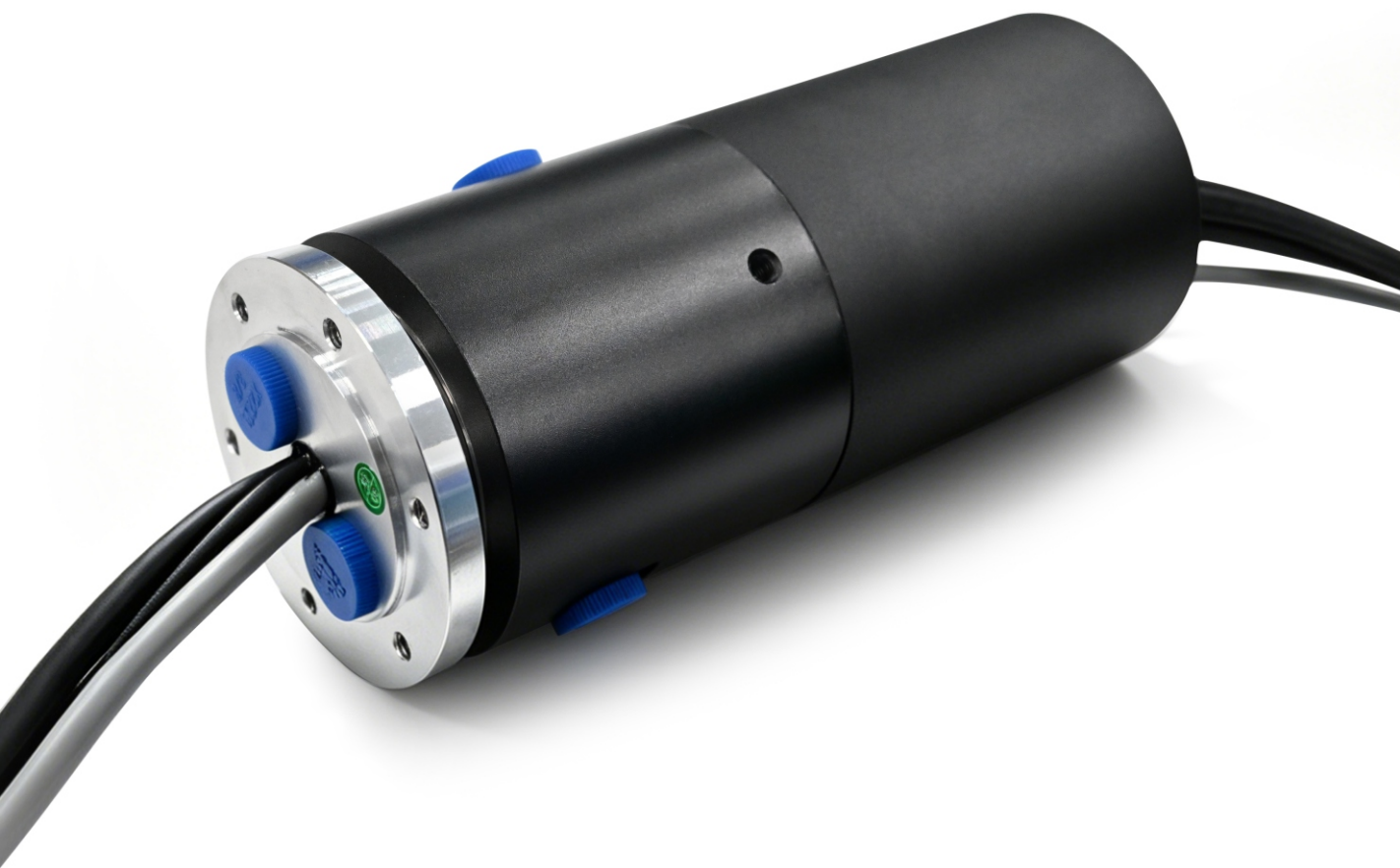


Lk3305 SERIES

Lk3305 SERIES is a combined pneumatic-electric slip ring integrating 13 electrical circuits and 2 G3/8 pneumatic ports, equipped with 4×50A power channels, 8×1000M Ethernet plus 1 shielded signal line. Constructed from aluminum alloy with IP51 rating, it runs at 0~30rpm reliably within -30°C~+80°C, rated 500VAC dielectric strength for 1MPa compressed air service. Enabling synchronous transmission of air, power & gigabit signal, it's widely adopted for rotary automation fixtures, robotic arms and precision rotary inspection platforms.

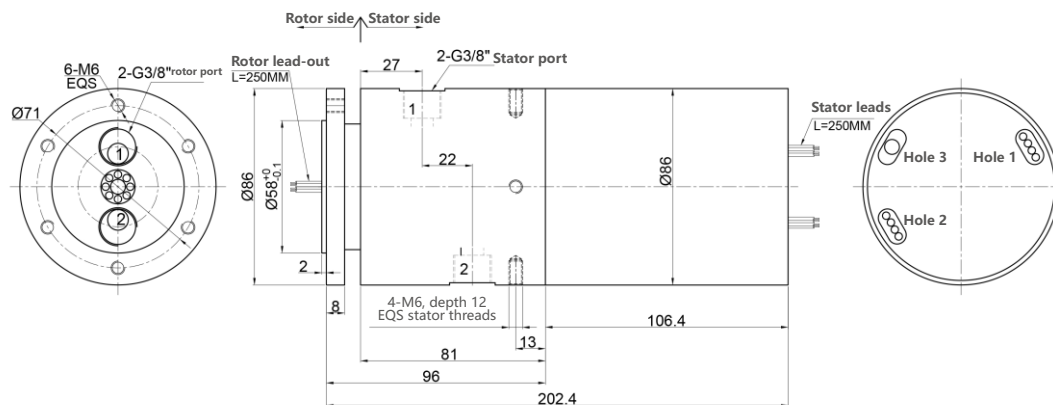
Product images



The pictures are for reference only

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

Lk3305 Series Dimensions



Parts List

Parts#	Passages	Connection Size	Adaptive tube	Signal	L(mm)
Lk3305	2 pneumatic +13 electrical	G3/8"	G3/8 tubing, Max 1MPa	50A	202.4mm

Technical specifications for electrical slip rings

Project	Numerical value
Number of loops	13 loops
Loop current	4 x 50A + 8 x 1000M Ethernet + 1 x shielded
Operating voltage	0–300 VAC/VDC
Insulation resistance	500 M Ω @ 500 VDC
Dielectric strength	500 VAC @ 50 Hz; 60 s
Dynamic resistance	Max. 10 m Ω
Cable specifications	See wiring diagram
Cable length	See drawings
Contact material	Precious metal
Operating speed	0–30 rpm
Protection rating	IP51
Operating environment	Temperature –30°C to +80°C
Housing material	Aluminium alloy

Technical specifications of the rotary joint

Project	Numerical value
2 Port	G3/8"
Pressure	1 MPa (air pressure)
Torque	T $\leq$ 2.0 N·m
Medium type	Compressed air
Maximum speed	0–30 rpm
Temperature	–30 °C to +80 °C
Material	Aluminium alloy