



Slip Ring Selection Checklist

The eight inputs INGIANT needs before quoting, with the standard catalogue values to check your requirement against.

Models in this sheet	728
Manufacturer	JiuJiang Ingiant Technology Co., Ltd
Established	2014
Quality system	ISO 9001, GJB9001C, GB/T 19001-2008 / ISO 9001:2008
Standard lead time	7–15 days
Customised lead time	10–20 days simple, 15–40 days complex
Delivery port	Jiujiang, China Mainland
Warranty	12 months from date of sale
Enquiries	sales@ingiant.com · WhatsApp +86 138 7929 7499

The eight inputs

1	Operating speed in rpm
2	Type of installation and mounting interface
3	Installation envelope and bore size
4	Number of circuits, counted as single wires beside the cable
5	Rated voltage and current for the power rings and the signal rings
6	Signal type and its parameters — this is the parameter that decides the design
7	Operating temperature range
8	IP sealing requirement

Standard catalogue values

Rotating speed	0–600 rpm on standard units; other speeds designed to order
Working temperature	-40 °C to +65 °C standard
Working humidity	below 70 %
Protection level	IP54 standard; IP51 to IP68 available
Insulation resistance	≥1000 MΩ at 500 VDC
Insulation strength	1500 VAC at 50 Hz, 60 s, 2 mA
Dynamic resistance variation	below 10 mΩ
Contact material	precious metal rings and brushes
Housing material	aluminium alloy (engineering plastic on some capsule models)
Lead wire	colour-coded Teflon insulated tinned stranded flexible wire, 500 mm + 20 mm
Service life grades	S Standard, I Industrial, P Premium — up to one billion revolutions

Choosing the format

Capsule	Solid shaft, smallest envelope. Nothing passes through the centre.
Through bore	Hollow centre with flange. A shaft, cable, air line or fibre passes through.
Separate assembly	Rotor rings and brush block mounted independently. Very large diameters or very thin axial space.

Send the completed checklist to sales@ingiant.com or WhatsApp +86 138 7929 7499. Standard products ship in 7–15 days.