



Rotary Joints — Specification Sheet

Rotary joints transfer a medium — fluid, gas, light or microwave energy — between a fixed and a rotating part, and are the mechanical counterpart to the electrical slip ring.

Models in this sheet	11
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

What this family solves

Some rotating transfers cannot be made with sliding contacts at all: a hydraulic line, a compressed air feed, a laser path or a microwave feed each needs its own sealed or matched rotating structure.

INGIANT builds these rotating unions on their own and integrates them with electrical stacks, so one assembly on the axis handles everything the machine has to pass through the joint.

Model list with published parameters

Model / product	Circuits	Voltage	Current	Speed	IP
LHS098-4Y Ingiant 4 channels hydraulic rotary joint out diameter 98mm for...	—	0–240 VAC/VDC	can be customized	0–600rpm	IP54
LHS170-2Y series 2 channels hydraulic rotary joint hydraulic slip ring	—	—	—	—	—
LHK030-2Y series hollow hydraulic rotary joint 2 channels hydraulic and hole...	—	—	—	—	—
High quality brass material rotary joint	—	—	—	—	—
Ingiant liquid rotary unions 3 channels for lifting equipment	—	—	—	—	—
Ingiant single-way liquid rotary joint 1 channel for rolling machinery	—	—	—	—	—
Ingiant hydraulic rotary unions diameter 115mm 4 channels	—	—	—	—	—
Ingiant 2 way miniature hydraulic rotary joint for hydraulic crane	—	—	—	—	—
Ingiant pneumatic rotary joint 1 channels for engineering machines	—	—	—	—	—
Ingiant standard pneumatic rotary joint 2 channels for crane	—	—	—	—	—
Ingiant pneumatic rotary joint 8 channels for pneumatic equipment	—	—	—	—	—

How to order

Send these eight inputs and INGIANT returns a design and a drawing: Operating speed in rpm; Type of installation and mounting interface; Installation envelope and bore size; Number of circuits, counted as single wires beside the cable; Rated voltage and current for the power rings and the signal rings; Signal type and its parameters — this is the parameter that decides the design; Operating temperature range; IP sealing requirement.

Dashes in the table mean the value is not published for that model because the build is set against the customer drawing. It is issued with the quotation.