



Pneumatic and Liquid Slip Rings — Specification Sheet

A pneumatic or liquid slip ring — a rotary union — carries compressed air, gas, water, oil, grease or emulsion across a rotating joint, on its own or combined with electrical rings in the same body.

Models in this sheet	24
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

A rotating station that has to clamp with air, cool with water or lubricate with oil needs the fluid line to turn with the machine. Coiled hose limits the turn and eventually fails at the flex point.

INGIANT builds gas-electric and liquid-electric combination units — for example a 30 mm through bore with four pneumatic passages and a power stack, or a 150 mm photoelectric-hydraulic body — so air, fluid and electricity share one axis and one mounting.

Model list with published parameters

Model / product	Circuits	Voltage	Current	Speed	IP
DHS050-16-1Q Ingiant gas-electric slip ring out diameter 50mm with1 channel...	16	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS078-12-1Q Ingiant Gas electric slip ring 78mm with 1channel pneumatic...	12	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHK060-30-4Q Ingiant gas-electric slip ring hole diameter 60mm, 4-channel...	30	0~240 VAC/VDC	2A.5A.10A.15A.20A	0~600rpm	IP54
DHS120-74-1Q Ingiant 120mm gas-electric hybrid slip ring 1 channel pneumatic...	74	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS054-3-2A-1Q Ingiant gas-electric hybrid slip ring solid 54mm with...	—	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS086-12-1Q Ingiant Gas-electric slip ring out diameter 86mm with 1 channel...	12	0~240 VAC/VDC	can be customized	0~600rpm	IP65
DHS150-5-1Q Ingiant gas-electric slip ring out diameter 150mm with 5...	—	0~240 VAC/VDC	can be customized	0~600rpm	IP65
DHS065-28-1Q Gas electric slip ring 65mm with 1 gas channel 0.4Mpa and...	28	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHK035-6-2Q Ingiant through hole gas-electric slip ring hole diameter 35mm...	—	0~240 VAC/VDC	2A.5A.10A.15A.20A	0~600rpm	IP54
DHS078-57-1Q Single-channel pneumatic rotary joint pneumatic electrical slip...	57	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS045-9-2Q-002 Pneumatic and electric hybrid slip ring 45mm combination...	—	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHK060-16-3Q gas-electric hybrid slip ring 3 pneumatic channels and 16...	16	0~240 VAC/VDC	2A.5A.10A.15A.20A	0~600rpm	IP54
DHS099-18-5A-1Q Electric-pneumatic hybrid slip ring 18 channels 5A electric...	18	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS030-45-2A-2Y hybrid hydraulic slip ring combined 45channels 2A electrical...	45	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS200F-79-2Y-1Q Hybrid slip rings waterproof-combined electrical,...	79	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS078-35-2A-1Q Hybrid slip rings combined 35 electrical channels and 1...	35	0~240 VAC/VDC	can be customized	0~600rpm	IP54



Model / product	Circuits	Voltage	Current	Speed	IP
DHS260-47-2Y hybrid slip ring diameter 260mm, 47 channels with 2 hydraulic...	47	0~240 VAC/VDC	can be customized	0~600rpm	IP54
LHS048-1Q Pneumatic slip ring inner diameter 48mm 1pnermatic channel	—	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS280-58-2Y hybrid pneumatic liquid slip rings combined 58channels...	58	0~240 VAC/VDC	can be customized	0~600rpm	IP54
FHS090-17-10129 pneumatic liquid slip rings 17channels 5A ■2A■ 24VDC	17	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS200-28-3Y-2Q Hybrid slip rings 28 channels include 3 hydraulic channels...	28	0~240 VAC/VDC	can be customized	0~600rpm	IP54
Ingiant standard pneumatic rotary joint 2 channels for crane	—	—	—	—	—
Ingiant pneumatic rotary joint 8 channels for pneumatic equipment	—	—	—	—	—
Pneumatic liquid slip rings	10	0~240 VAC/VDC	2A.5A.10A.15A.20A	0~600rpm	IP54

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.