

HQ0801 (8 Passages Pneumatic Rotary Joint)

HQ0801 Series is 8 passages flange mounted pneumatic rotary joint.

It is made of special aluminum alloy, with small size, light weight and small torque.

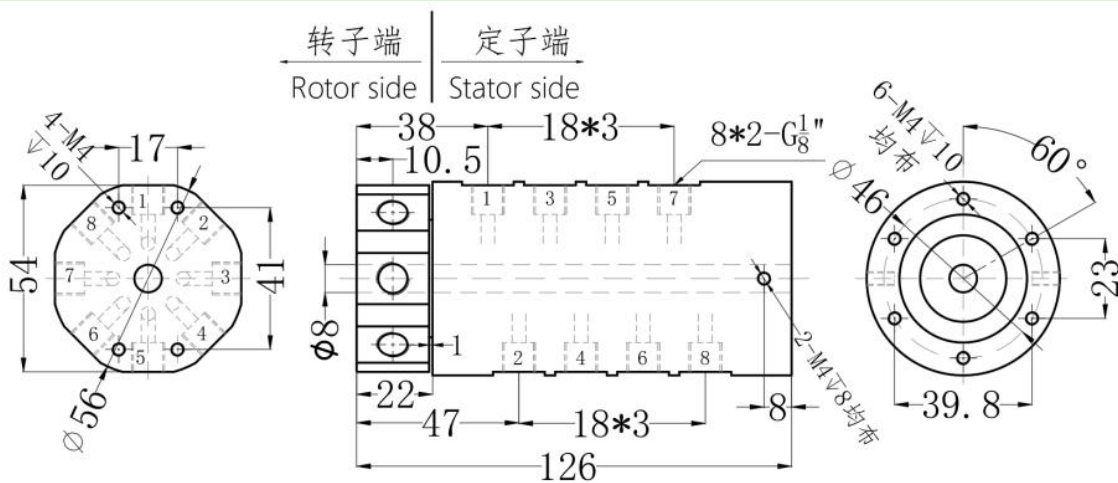
Can transmit medium types: compressed gas, vacuum, etc.

Can combine to transmit: electrical power and signal, solenoid valve, control circuits, etc.

G1/8" port is a frequency-used port, ports like G3/8" port, M5 port, are the same.



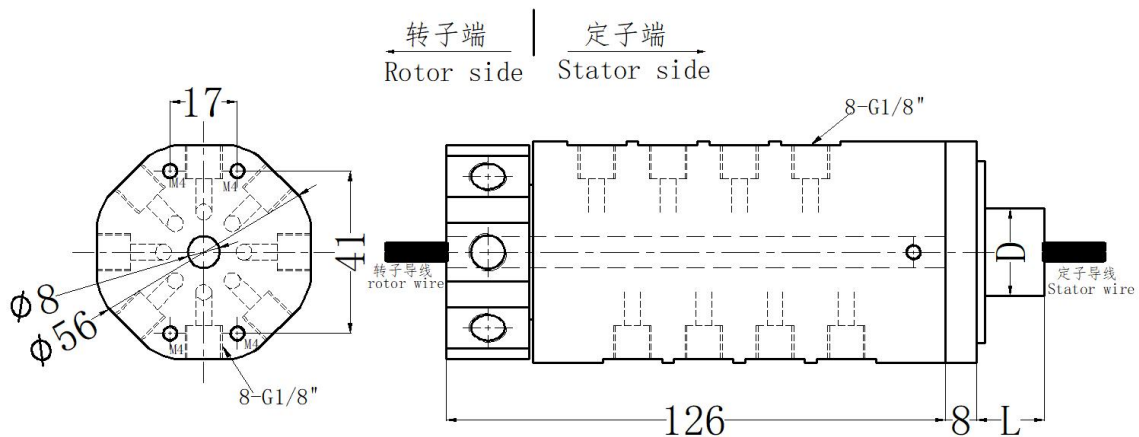
HQ0801 8 IN 8 OUT G1/8" Port



Model List

Model	Port Size	Gas Passage	Pipe Size
HQ0801	G1/8" Port	8	6 ~ 8mm

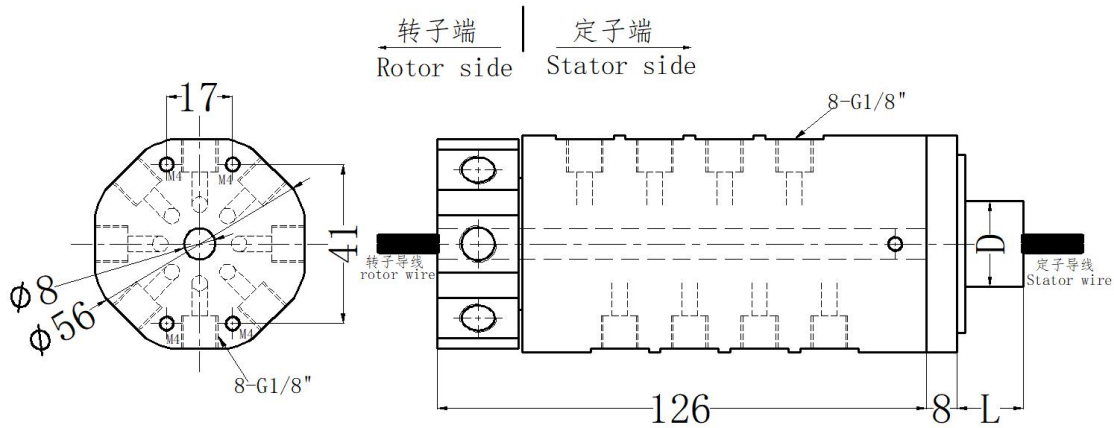
HQ0801-06M(12, 18, 24, 36) 8 IN 8 OUT G1/8" Port +6~36 Circuits Capsule Signal Slip Ring



Model List (For other models, please contact customer service)

Model	Port Size	Gas Passage	Signal Circuits@1 ~ 2A	L(mm)	D(mm)	Pipe Size
HQ0801-06M	G1/8" Port	8	6	17	22	6 ~ 8mm
HQ0801-12M	G1/8" Port	8	12	24.5	22	6 ~ 8mm
HQ0801-18M	G1/8" Port	8	18	31.9	22	6 ~ 8mm
HQ0801-24M	G1/8" Port	8	24	39.6	22	6 ~ 8mm
HQ0801-36M	G1/8" Port	8	36	54.5	22	6 ~ 8mm

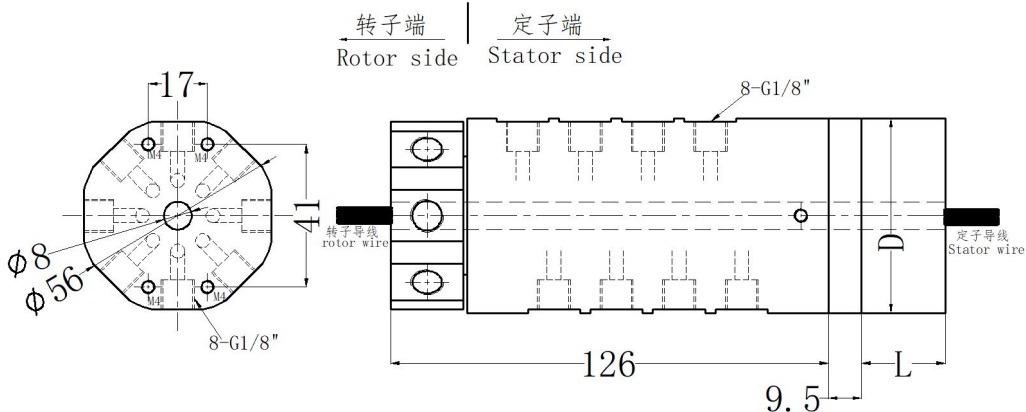
HQ0801-56M 8 IN 8 OUT G1/8" Port



Model List (For other models, please contact customer service)

Model	Port Size	Gas Passage	Signal Circuits@1 ~ 2A	L(mm)	D(mm)	Pipe Size
HQ0801-56M	G1/8" Port	8	56	86	25	6 ~ 8mm

HQ0801-NA-NS Drawing 8 IN 8 OUT G1/8" Port



Model List (For other models, please contact customer service)

Model	Port Size	Gas Passage	Signal Circuits @5A	Power Circuits@ 10A	L (mm)	D (mm)	Pipe Size
HQ0801-0610	G1/8" Port	8	0	6	39	56	6 ~ 8mm
HQ0801-06S	G1/8" Port	8	6	0	39	56	6 ~ 8mm
HQ0801-1210	G1/8" Port	8	0	12	57	56	6 ~ 8mm
HQ0801-0610-06S	G1/8" Port	8	6	6	57	56	6 ~ 8mm
HQ0801-1810	G1/8" Port	8	0	18	75	56	6 ~ 8mm
HQ0801-0610-12S	G1/8" Port	8	12	6	75	56	6 ~ 8mm
HQ0801-18S	G1/8" Port	8	18	0	75	56	6 ~ 8mm
HQ0801-24S	G1/8" Port	8	24	0	93	56	6 ~ 8mm
HQ0801-0610-18S	G1/8" Port	8	18	6	93	56	6 ~ 8mm
HQ0801-30S	G1/8" Port	8	30	0	111	56	6 ~ 8mm
HQ0801-36S	G1/8" Port	8	36	0	129	56	6 ~ 8mm

Note: Electrical power circuits @10A can combine with signal circuits @5A at will. For more models, please contact customer service.

Technical Specification

Mechanical		Electrical		
Spec	Data	Spec	Data	
Passage no.	8 IN 8 OUT, G1/8" Port		Power	Signal
Pressure&Torque	Max.1MP, Vacuum-1.5Kpa; Torque < 1.2 N.m	Voltage	0 ~ 240VAC/V DC	0 ~ 240VAC/VDC
Working Life	About 10 million revolutions (depend on the working environment)	Resistance	≥ 500MΩ/300vdc	≥500MΩ/300vdc
Rated Rotating Speed	500RPM	Lead Wire Spec	AWG16#T in-plated Teflon	AWG22#Tin-plated Teflon
Working temp. &humidity	-30°C ~ -75°C, 0 ~ 80%RH	Lead Wire Length	Standard Length: 300mm	
Material	Housing Material: Aluminum Alloy Contact Material: Precious Metal	Insulation Strength	500VAC@50Hz, 10s	
IP Grade	IP51	Electrical Noise	<0.01Ω	

Product Quality Level Table

Grade Code	Working Life	Sealing Ring	Max. Rotating Speed
VD (Industrial)	6 million revolutions	Imported brand	300RPM
VC (Standard)	5 million revolutions	Domestic brand	100RPM