

# HQ1201 (12 Passages Pneumatic Rotary Joint)

HQ1201 Series is 12 passages flange mounted pneumatic rotary joint;

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

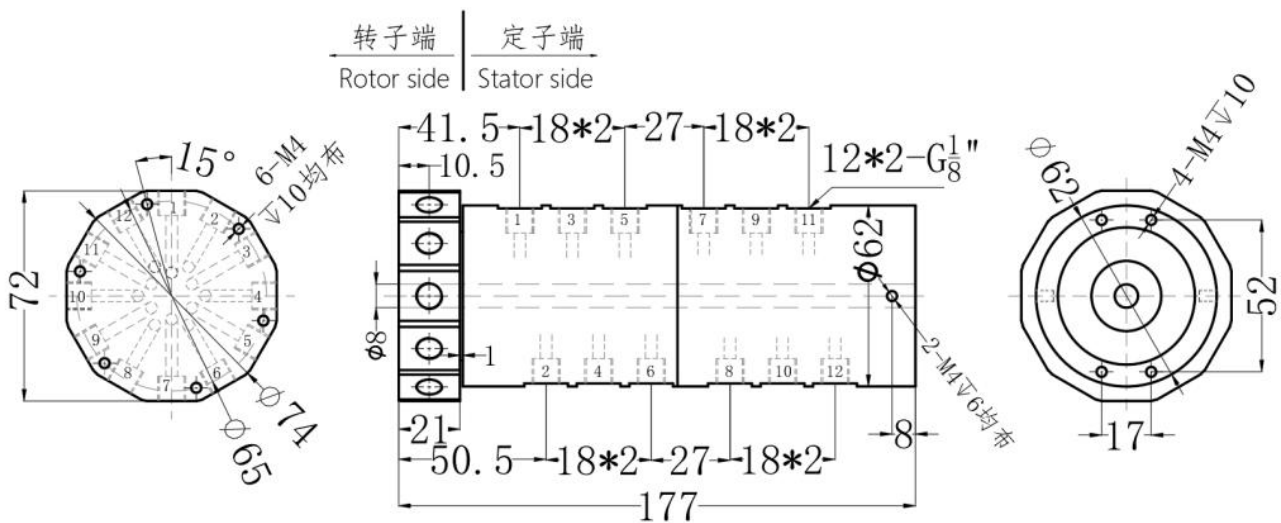
Can transmit medium types: compressed gas, vacuum, etc.

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.



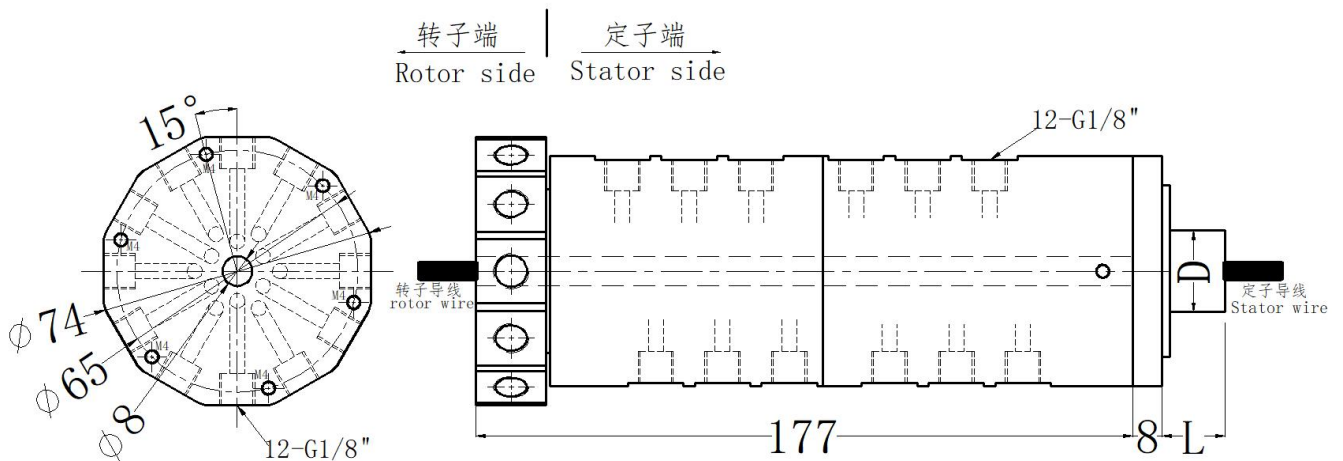
## HQ1201 12 IN 12 OUT G1/8" Port



### Model List

Model	Port Size	Gas Passage	Pipe Size
HQ1201	G1/8" Port	12	6 ~ 8mm

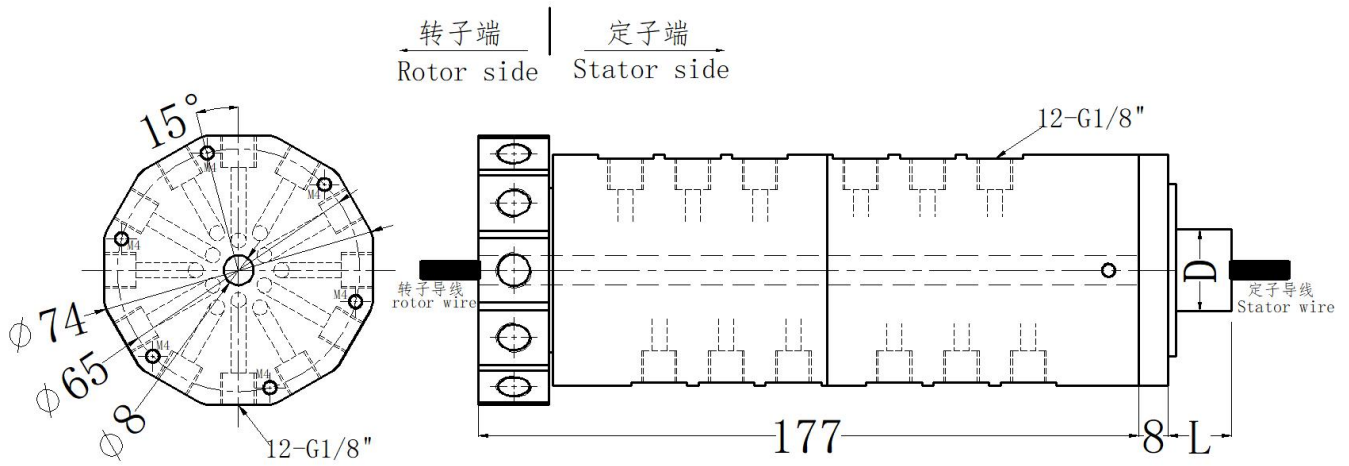
## HQ1201-06M(12, 18, 24, 36) 12 IN 12 OUT G1/8" Port +6~36 Circuits Capsule Signal Slip Ring



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

Model	Port Size	Gas Passage	Signal Circuits@1 ~ 2A	L (mm)	D (mm)	Pipe Size
HQ1201-06M	G1/8" Port	12	6	17	22	6 ~ 8mm
HQ1201-12M	G1/8" Port	12	12	24.5	22	6 ~ 8mm
HQ1201-18M	G1/8" Port	12	18	31.9	22	6 ~ 8mm
HQ1201-24M	G1/8" Port	12	24	39.6	22	6 ~ 8mm
HQ1201-36M	G1/8" Port	12	36	54.5	22	6 ~ 8mm

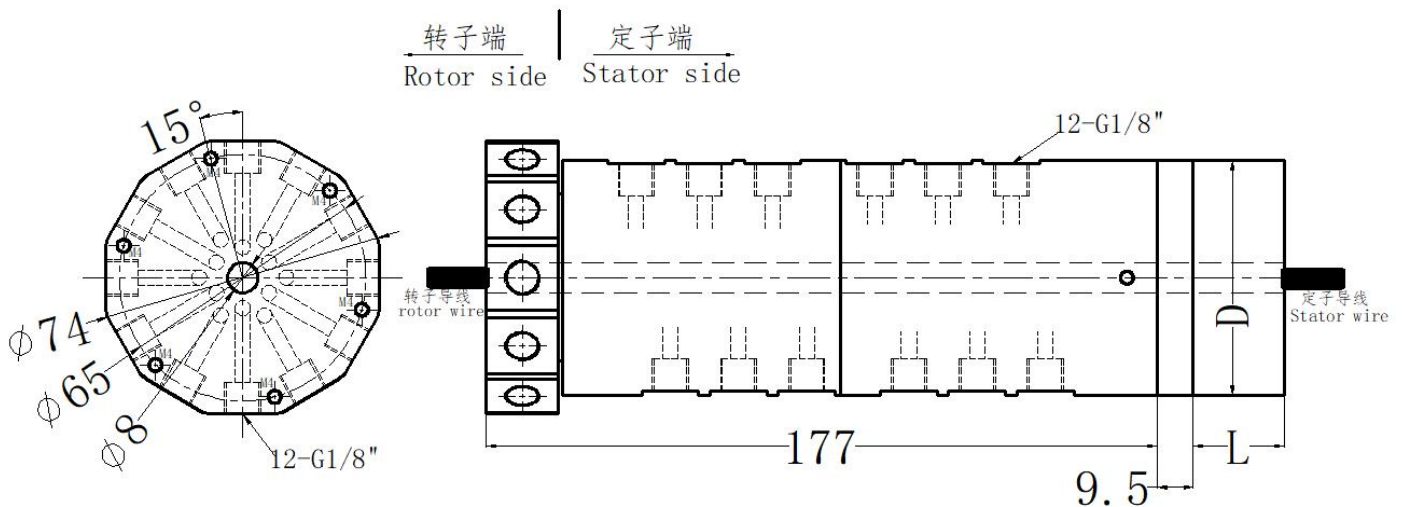
**HQ1201-56M 12 IN 12 OUT G1/8" Port +56 Circuits Capsult Signal Slip Ring**



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

Model	Port Size	Gas Passage	Signal Circuits@1 ~ 2A	L (mm)	D (mm)	Pipe Size
HQ1201-56M	G1/8" Port	12	56	86	25	6 ~ 8mm

**HQ1201-NA-NS Drawing 12 IN 12 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
HQ1201-0610	G1/8" Port	12	0	6	39	56	6~8mm
HQ1201-06S	G1/8" Port	12	6	0	39	56	6~8mm
HQ1201-1210	G1/8" Port	12	0	12	57	56	6~8mm
HQ1201-0610-06S	G1/8" Port	12	6	6	57	56	6~8mm
HQ1201-1810	G1/8" Port	12	0	18	75	56	6~8mm
HQ1201-0610-12S	G1/8" Port	12	12	6	75	56	6~8mm
HQ1201-18S	G1/8" Port	12	18	0	75	56	6~8mm
HQ1201-24S	G1/8" Port	12	24	0	93	56	6~8mm
HQ1201-0610-18S	G1/8" Port	12	18	6	93	56	6~8mm
HQ1201-30S	G1/8" Port	12	30	0	111	56	6~8mm
HQ1201-36S	G1/8" Port	12	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.	12 IN 12 OUT, G1/8" Port		Power	Signal
Pressure&tT orque	Max. 1MP, Vacuum-1.5Kpa; Torque < 1.2 N.m	Voltage	0~ 240VAC/VDC	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#Tin-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