

HQ1601 (16 Passages Pneumatic Rotary Joint)

HQ1601 Series is 16 passages flange mounted pneumatic rotary joint.

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

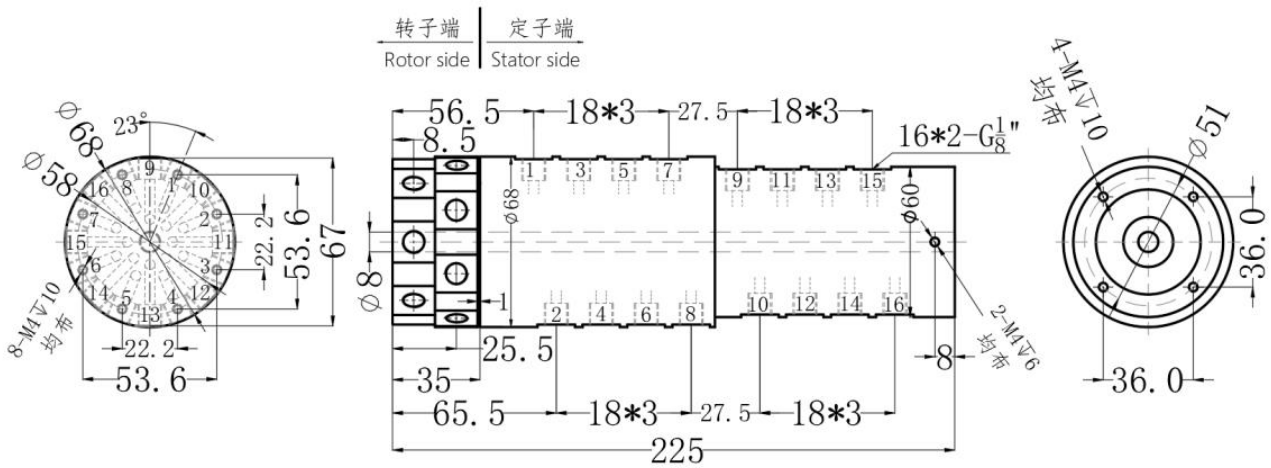
Can transmit medium types: compressed gas, vacuum, etc.

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.



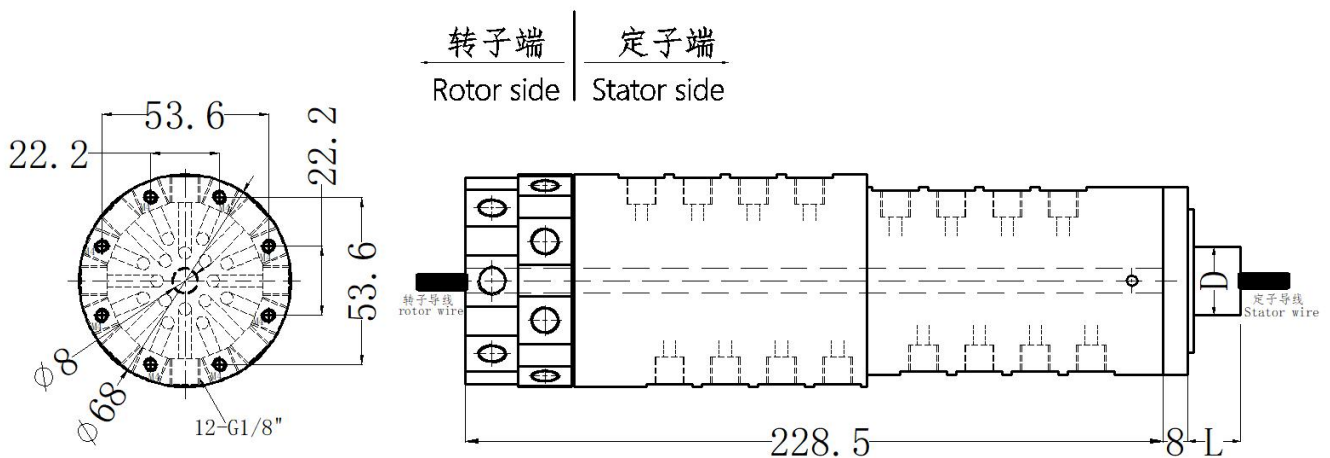
HQ1601 16 IN 16 OUT G1/8" Port



Model List

Model	Port Size	Gas Passage	Pipe Size
HQ1601	G1/8" Port	16	6 ~ 8mm

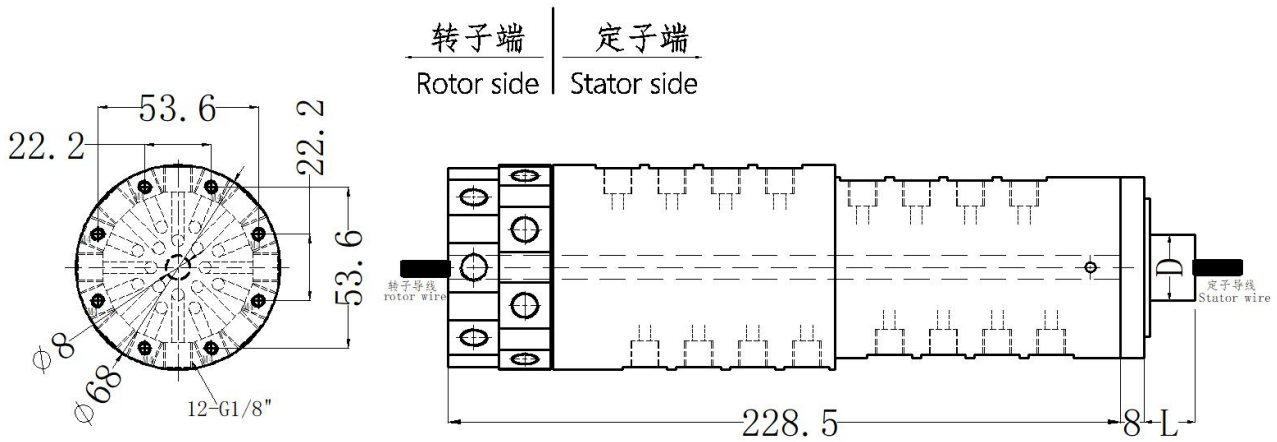
HQ1601-06M (12, 18, 24, 36) 16 IN 16 OUT G1/8" Port +6~36 Circuits Capsule Signal Slip Ring



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

Model	Port Size	Gas Passage	Signal Circuits@ 1 ~ 2A	L(mm)	D(mm)	Pipe Size
HQ1601-06M	G1/8" Port	16	6	17	22	6 ~ 8mm
HQ1601-12M	G1/8" Port	16	12	24.5	22	6 ~ 8mm
HQ1601-18M	G1/8" Port	16	18	31.9	22	6 ~ 8mm
HQ1601-24M	G1/8" Port	16	24	39.6	22	6 ~ 8mm
HQ1601-36M	G1/8" Port	16	36	54.5	22	6 ~ 8mm

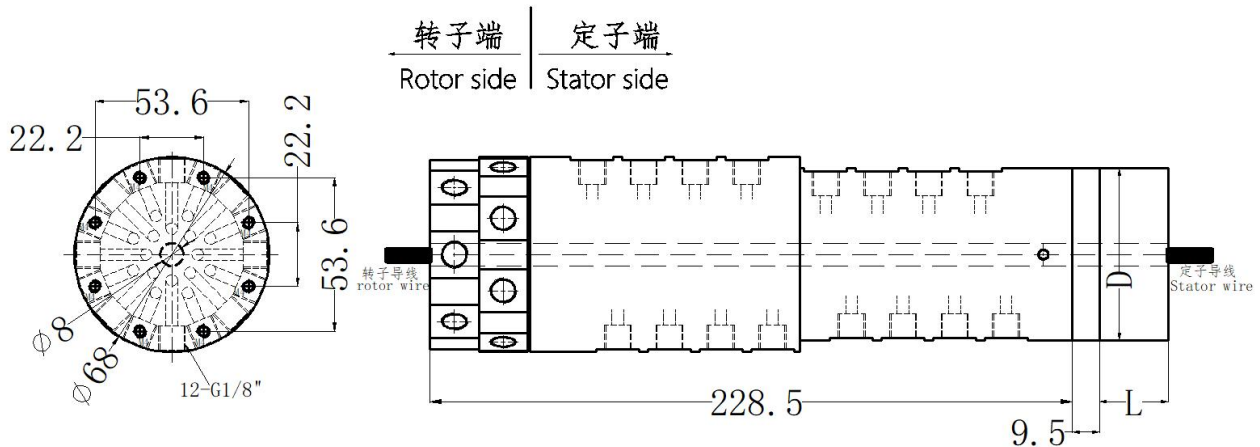
HQ1601-56M 16 IN 16 OUT G1/8" Port +56 Circuits Capsule Signal Slip Ring



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

Model	Port Size	Gas Passage	Signal Circuits@ 1 ~ 2A	L(mm)	D(mm)	Pipe Size
HQ1601-56M	G1/8" Port	16	56	86	25	6 ~ 8mm

HQ1601-NA-NS Drawing 16 IN 16 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
HQ1601-0610	G1/8" Port	16	0	6	39	56	6 ~ 8mm
HQ1601-06S	G1/8" Port	16	6	0	39	56	6 ~ 8mm
HQ1601-1210	G1/8" Port	16	0	12	57	56	6 ~ 8mm
HQ1601-0610-06S	G1/8" Port	16	6	6	57	56	6 ~ 8mm
HQ1601-1810	G1/8" Port	16	0	18	75	56	6 ~ 8mm
HQ1601-0610-12S	G1/8" Port	16	12	6	75	56	6 ~ 8mm
HQ6601-18S	G1/8" Port	16	18	0	75	56	6 ~ 8mm
HQ6601-24S	G1/8" Port	16	24	0	93	56	6 ~ 8mm
HQ1601-0610-18S	G1/8" Port	16	18	6	93	56	6 ~ 8mm
HQ1601-30S	G1/8" Port	16	30	0	111	56	6 ~ 8mm
HQ1601-36S	G1/8" Port	16	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	
Gas Passage	16 IN 16 OUT, G1/8" Port		Power	Signal
Pressure&Torque	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	\geq 500M Ω /300v dc	\geq 500M Ω /300vdc
Rated Rotating Speed	500RPM	Lead Wire Spec	AWG16#Tin-plated Teflon	AWG22#Tin-plated Teflon
WorkingTemp.& 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	<0.01 Ω	