

HY1001 (10 Passages Hydraulic Rotary) Joint

HY1001 Series is 10 passages Hydraulic rotary joint, with G1/8" port, can combine to transmit electricity.

It is made of special stainless steel or aluminum alloy, can transmit medium types:

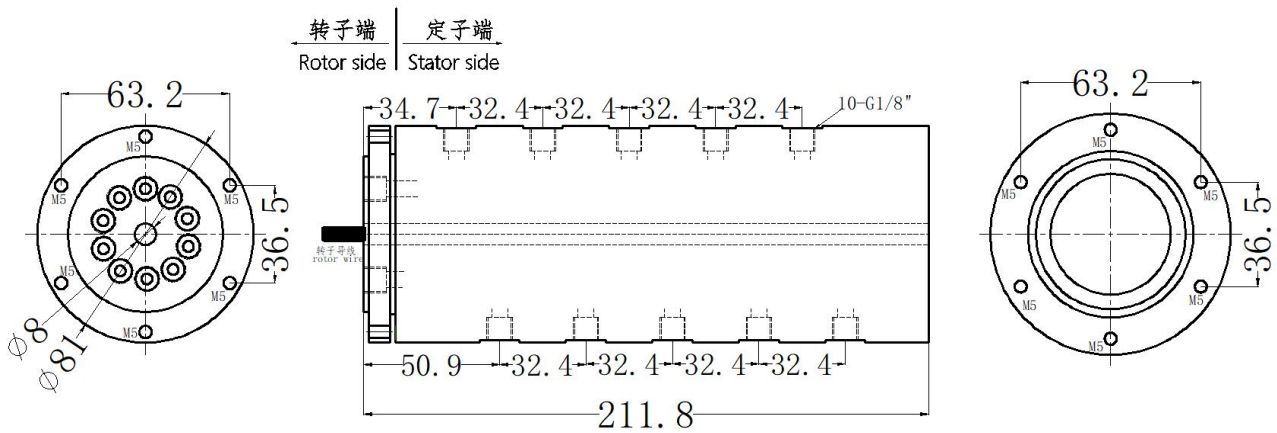
compressed gas, vacuum, etc; chemical mixture, hot water, hot oil, petroleum, sulfuric acid, beverages, etc.;

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

G1/8" port is a frequency-used port, ports like G1/4" port, G3/8" port, G1/2" port, are the same.



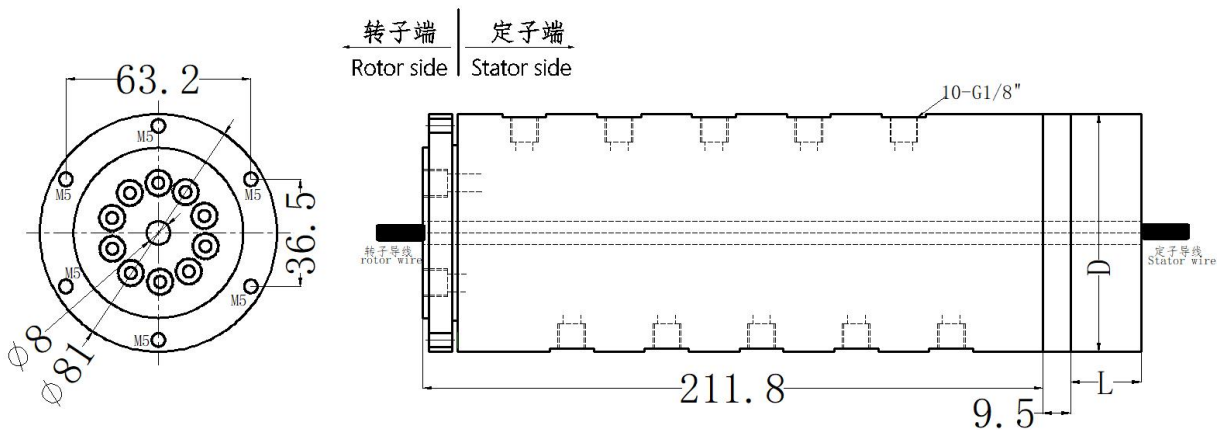
HY1001 10 IN 10 OUT G1/8" Port



Model List

Model	Port Size	Flow Passage	Pipe Size
HY1001	G1/8" Port	10 IN 10 OUT	6 ~ 8mm

HY1001-NA-NS Drawing 10 IN 10 OUT G1/8" Port



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

Model	Port Size	Flow Passage	Signal Circuits @5A	Power Circuits@10A	L (mm)	D (mm)	Pipe Size
HY1001-0610	G1/8" Port	10	0	6	48	86	6~8mm
HY1001-0210-04S	G1/8" Port	10	4	2	48	86	6~8mm
HY1001-06S	G1/8" Port	10	6	0	48	86	6~8mm
HY1001-12S	G1/8" Port	10	12	0	72	86	6~8mm
HY1001-0610-06S	G1/8" Port	10	6	6	72	86	6~8mm
HY1001-0810-04S	G1/8" Port	10	4	8	72	86	6~8mm
HY1001-18S	G1/8" Port	10	18	0	96	86	6~8mm
HY1001-0410-14S	G1/8" Port	10	14	4	96	86	6~8mm
HY1001-1210-06S	G1/8" Port	10	6	12	96	86	6~8mm
HY1001-1810	G1/8" Port	10	0	18	96	86	6~8mm
HY1001-24S	G1/8" Port	10	24	0	120	86	6~8mm
HY1001-1210-12S	G1/8" Port	10	12	12	120	86	6~8mm
HY1001-36S	G1/8" Port	10	36	0	168	86	6~8mm
HY1001-1610-20S	G1/8" Port	10	20	16	168	86	6~8mm
HY1001-42S	G1/8" Port	10	42	0	192	86	6~8mm
HY1001-60S	G1/8" Port	10	60	0	264	86	6~8mm
HY1001-72S	G1/8" Port	10	72	0	312	86	6~8mm
HY1001-96S	G1/8" Port	10	96	0	408	86	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		
Specs	Data	Specs	Data	
Passage	10 IN 10 OUT, G1/8" Port		Power	Signal
Pressure&Torque	Max. 10MP, Vacuum 0.01torr; Torque < 2.2 N.m	Voltage	0 ~ 440VAC/VDC	0 ~ 440VAC/VDC
Working Life	Please refer to "Model List".	Resistance	≥ 1000MΩ/500v dc	≥ 1000MΩ/500vdc
Rated Rotating Speed	Please refer to "Model List".	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 (adjustable as required)	
Material	Housing Material: Aluminum Alloy Contact Material: Precious Metal	Insulation Strength	500VAC@50Hz, 60s	
IP Grade	IP51	Electrical Noise	<0.01Ω	