

3012006 Series 12 Passage Pneumatic swivel Joint

12 Passage(G1/8" port,6~8mm pipes)+Electrical(Power/Signal)

support G1/8" port for 6~8mm pipes,can transfer various mediums including compressed air,steam, vacuum,negative pressure,positive pressure,cooling water,hot oil,etc when 360° rotating , it also can combine to transmit electrical power and signal.

Part No. Description

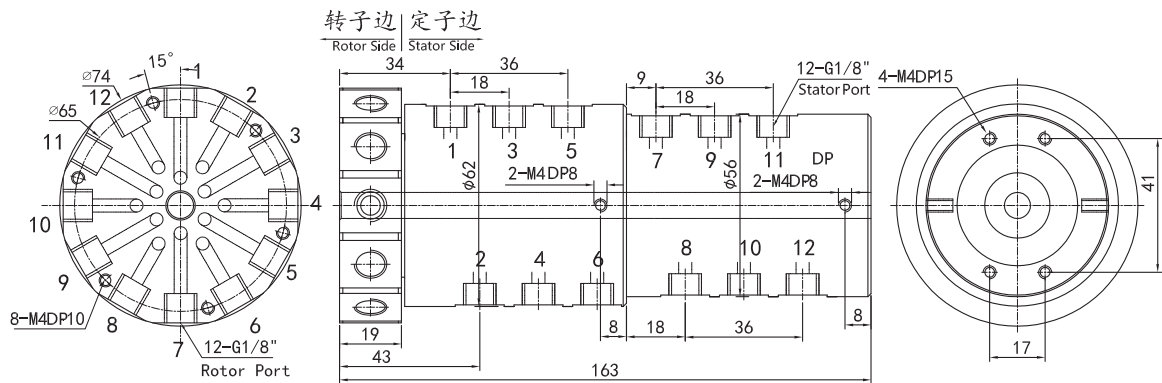
12 Passage Rotary Unions
G1/8" port ,6mm pipes

For example:
0610:6 circuits@10A 1230:12 circuits@30A

3012006 - Power Circuits - Signal Circuits

For example:
06S:6 circuits signal@2A
12S:12 circuits signal@2A

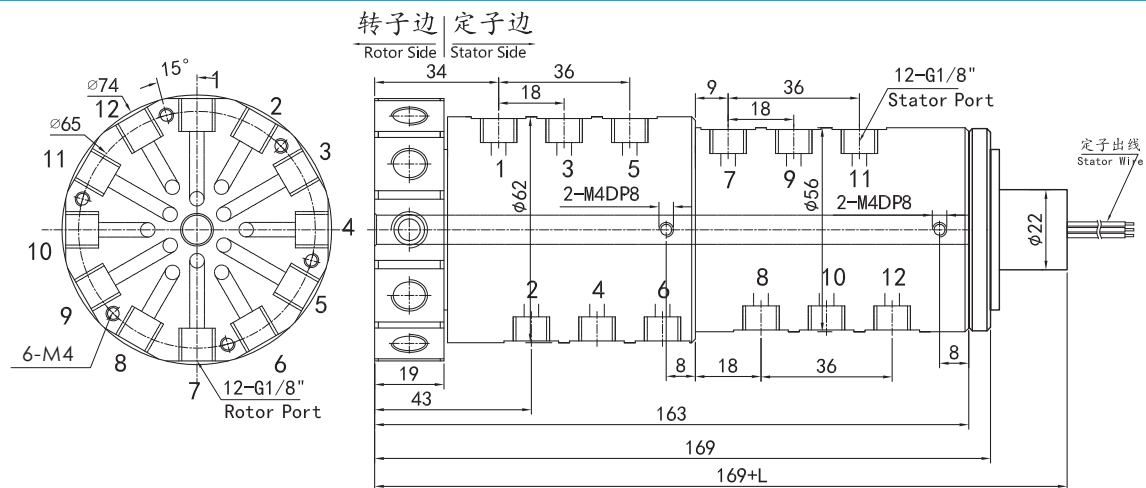
3012006 (Rotary Union Only) Drawing, 12 Passage(6~8mm pipe)



Standard Model List

Model	Passages(Gas/Flow)	Port Size	Pipe Size
3012006	12	G1/8"	6~8mm

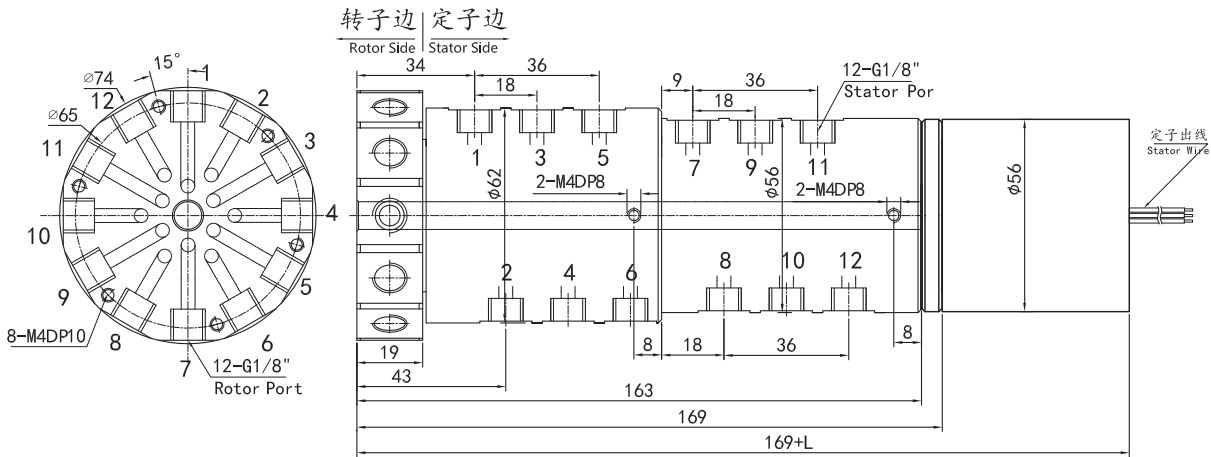
3012006-X4S 12 Passage(6~8mm pipe)
+6~56 circuits electrical signal@2A (Suitable for Solenoid valve or Sensor switch Signals)



Standard Model List

Model	Passages(Gas/Flow)	Port Size	Pipe Size	Signal Circuits(2A)	Length L(mm)
3012006-06	12	G1/8"	6~8mm	6	14
3012006-12	12	G1/8"	6~8mm	12	21
3012006-24S	12	G1/8"	6~8mm	24	35
3012006-36S	12	G1/8"	6~8mm	36	52.3
3012006-56S	12	G1/8"	6~8mm	56	82

3012006-X3AX4S 12 Passage(6~8mm pipe)+electrical power/signal(5A, 10A option)



Standard Model List

Model	Passages	Port Size	Pipe Size	Circuits		Length L(mm)
				Power(10A)	Signal(2A)	
3012006-06S	12	G1/8"	6~8mm	0	6	38
3012006-0610	12	G1/8"	6~8mm	6	0	38
3012006-12S	12	G1/8"	6~8mm	0	12	55
3012006-0610-06S	12	G1/8"	6~8mm	6	6	55
3012006-1210	12	G1/8"	6~8mm	12	0	55
3012006-0610-12S	12	G1/8"	6~8mm	6	12	71.5
3012006-1210-06S	12	G1/8"	6~8mm	12	6	71.5
3012006-18S	12	G1/8"	6~8mm	0	18	71.5
3012006-1810	12	G1/8"	6~8mm	18	0	71.5
3012006-0610-18S	12	G1/8"	6~8mm	6	18	88.5
3012006-24S	12	G1/8"	6~8mm	0	24	88.5
3012006-30S	12	G1/8"	6~8mm	0	30	106
3012006-36S	12	G1/8"	6~8mm	0	36	125

Technical Specification

Rotary Union Specification			
Passages	1, Passage	Max. Pressure	1Mpa, Vacuum -90kPa
Pipe size	6~8mm Pipe(G1/8")	torque	<1.2N.m
Mechanical parameters		Electrical parameters	
Spec.	Data	Spec.	Data
Working Life	20millions for ref (depends on working conditions)	Voltage Range	Power: 0~440VAC/VDC Signal: 0~440VAC/VDC
		Insulation Resistance	<500MΩ/300VDC
Max. Speed	250RPM continously, 1000RPM intermittently	Lead Wire Spec.	AWG17# Silver-plated teflon wire AWG22# Silver-plated teflon wire
Working Temp.	-30°C~80°C	Lead Wire Length	standard 25 0mm(can be customized)
Work Humidity	0~85% RH	Insulation Resistance	500VAC@50Hz,6s
Contact Material	precious metal	Electrical Noise	<0.01 Ω
Housing Material	aluminum alloy		
IP Grade	IP51		