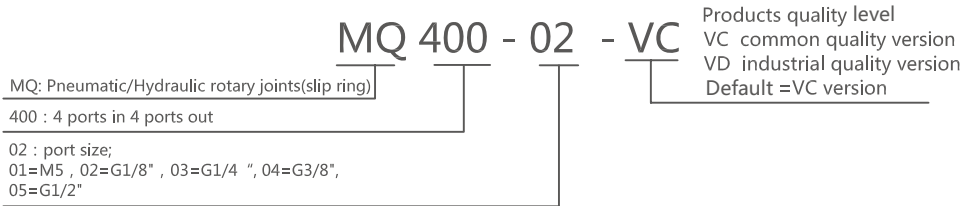


MQ400 Series (4 Port In 4 Port Out Fluid Rotary Unions)



MQ400 Pneumatic/Hydraulic rotary joints, optional size for M5,G1/8, G1/4,G3/8,G1/2,it can be customized for larger port,for example G1", G2", medias: compressed air,vacuum,hydrogen,nitrogen,Chemical mixed gas,steam,cooling water,hot water,hot oil,petroleum,vitriol,drink.etc.

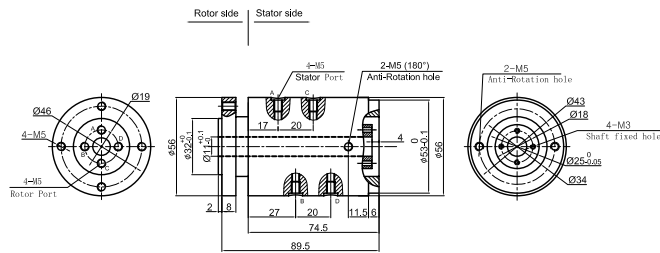
Part# Explanation



M5 Port



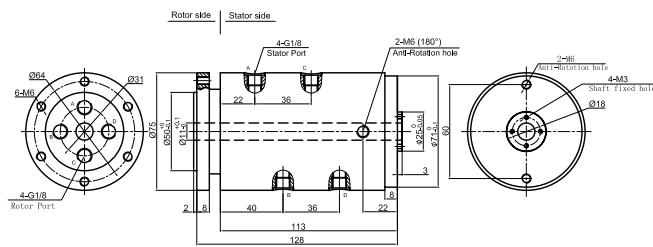
MQ400-01 Dimensions



G1/8 Port



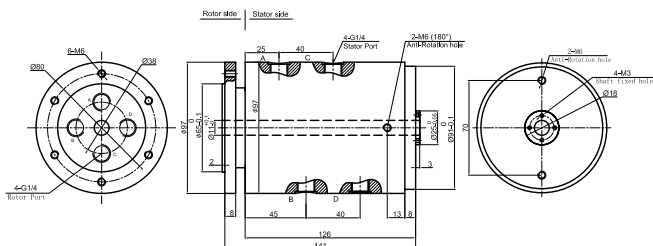
MQ400-02 Dimensions



G1/4 Port



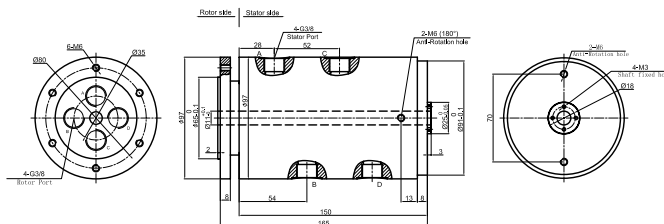
MQ400-03 Dimensions



G3/8 Port



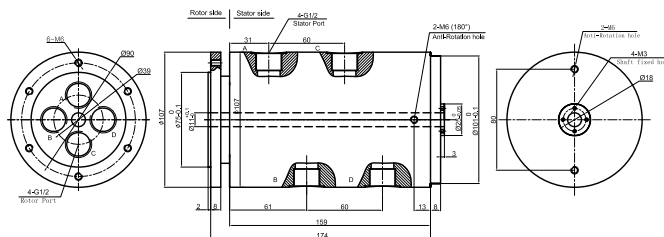
MQ400-04 Dimensions



G1/2 port



MQ400-05 Dimensions



Part# list

MQ400 series Pneumatic/Hydraulic rotary joints part list

Part#	Pneumatic/Hydraulic passages	Max torque (N.M)	Port size	Part#	Pneumatic/Hydraulic passages	Max torque (N.M)	Port size
MQ400-01	4 in 4 out	1.8	M5	MQ400-04	4 in 4 out	4.6	G3/8 "
MQ400-02	4 in 4 out	3.2	G1/8 "	MQ400-05	4 in 4 out	6.1	G1/2 "
MQ400-03	4 in 4 out	4	G1/4 "				

Specifications

Mechanical Data		Rotary Joints Technique Data	
Parameter	Value	Parameter	Value
Working Life	See product quality level table	Passages	4 ports in 4 ports out
Rotating Speed	See product quality level table	Max Pressure	10MPa (can be customized) , vacuum 0.01torr
Working Temperature	-30°C~80°C	Media	Air,vacuum,hydraulic oil,water,hot water,cooling water,steam etc
Operating Humidity	0~85% RH	Torque	See part list above
Sealing Element	See product quality level table		
Housing Materials	aluminium alloy/stainless steel		
Protection Grade	IP51		

Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Sealing Element
VC	100RPM	6 millions revs	Common Sealing Element
VD	300RPM	20 millions revs	High-Quality Sealing Element

Options for custom slip ring

Notes:it can be customized as below requirements,lead time would increase 3~15 days,price would increase 5%~50%.Most basic parts of slip ring are standard and modularized,which saved costs and lead time.

- 1 Port size
 - 2 Pressure
 - 3 Rotating speed
 - 4 Through bore size
 - 5 Corrosive media,all stainless steel,anti-explosion,high temp etc.
 - 6 Can combine with electrical slip ring
- Technical support: Technical@moflon.com