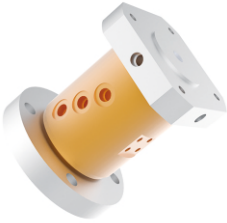
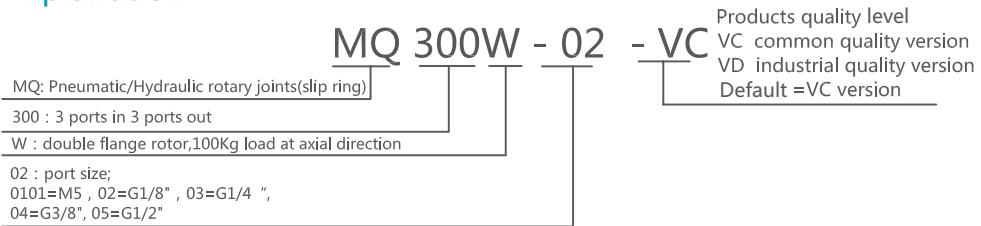


# MQ300W Series (Double Flange Rotor 3 Port In 3 Ports Out Fluid Rotary Unions)

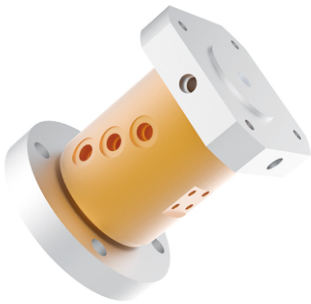


MQ300W Pneumatic/Hydraulic rotary joints, optional size for M5,G1/8, G1/4,G3/8,G1/2,it can be customized for larger port,for example G1", G2",medias: compressed air,vacuum,hydrogen,nitrogen,Chemical mixed gas,steam,cooling water,hot water,hot oil,petroleum,vitriol,drink.etc.

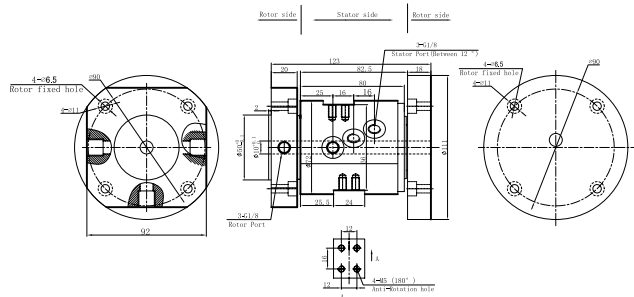
## Part# Explanation



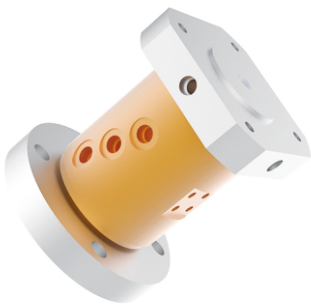
### G1/8 Port



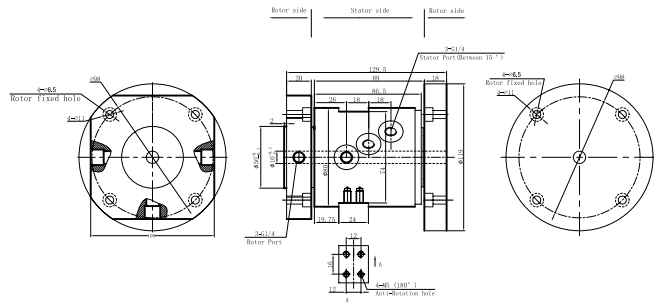
### MQ300W-02 Dimensions



### G1/4 Port



### MQ300W-03 Dimensions



## Part# list

MQ300W series Pneumatic/Hydraulic rotary joints parts list

Part#	Pneumatic/Hydraulic passages	Max torque(N.M)	Port size
MQ300W-02	3 in 3 out	1.6	G1/8 "
MQ300W-03	3 in 3 out	2.4	G1/4 "

## Specifications

Rotary joints Technique Data	
Parameter	Value
Passages	3 ports in 3 ports out
Max Pressure	10MPa (can be customized) , vacuum 0.01torr
Media	Air,vacuum,hydraulic oil , water,hot water,cooling water,steam etc
Torque	See part list above
Mechanical Data	
Parameter	Value
Working Life	See product quality level table
Rotating Speed	See product quality level table
Working Temperature	-30°C~80°C
Operating Humidity	0~85% RH
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

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