MQ200W Series (Double Flange Rotor 2 Port In 2 Ports Out

Fliud Rotary Unions)



MQ200W 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

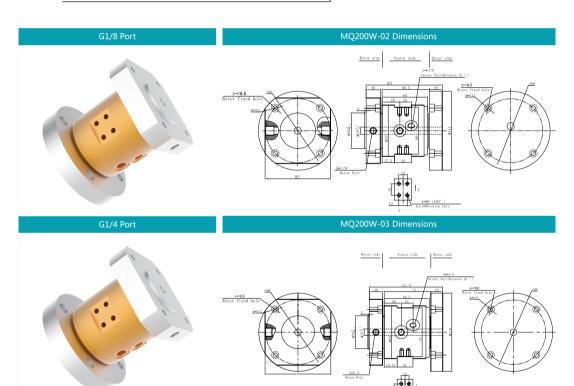
MQ 200W - 02 - VC

Products quality level VC common quality version VD industrial quality version Default = VC version

MQ:Pneumatic/Hydraulic rotary joints(slip ring) 200 : 2 ports in 2 ports out

W: double flange rotor,100Kg load at axial direction

0101=M5 , 02=G1/8" , 03=G1/4 ", 04=G3/8", 05=G1/2"



Part# list

MQ200W series Pneumatic/Hydraulic rotary joints parts list				
Part#	Pneumatic/Hydraulic passages	Max Torque(n.m)	Port Size	
MQ200W-02	2 in 2 out	1.6	G1/8 "	
MQ200W-03	2 in 2 out	2.4	G1/4 "	

Specifications

Rotary joints Technique Data				
Parameter	Value			
Passages	2 ports in 2 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℃~80℃			
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

Prod	ucts 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 customed 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