

RJC·RJCC Series Robotic Rotary Joint

540° Rotation Robotic Rotary Joint

Key Features

- No gasket spec provides super smooth sliding
- No noise effect thanks to the absence of contact
- Clean room types available (RJCC)



RJC-10A

How To Order

Standard ----- **RJC-10A**

Option ----- **RJC - 10A - Z** ----- RJC-10A is modified based on customer's specification

Model		Size		Option	
Symbol		Symbol		Symbol	Name
RJC	Airport + Electrode	5A		Z	Special Type (Custom)
RJCC	Clean Room Specification	10A			

For option detail ▶ 36P

Specification

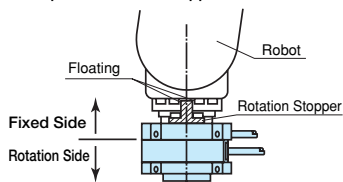
Model		RJC-10A	RJCC-5A
Ambient Temperature (°C)		5 to 60	5 to 60
Swivel Angle		540°	540°
Allowable Rotation Speed (min ⁻¹)		MAX60	MAX60
Payload Limit (kg)		10	5
Moment Capacity	Bend (N·m)	17.7	5
	Twist (N·m)	10.7	5
Rotational Resistance (N·m)		0.2	0.2
Air Port	Number of Ports	4	1
	Operating Pressure Range	-100KPa to 0.7MPa*	-100KPa to 0MPa*
	Minimum Cross-Sectional Area (mm ²)	0.38	7
Electric Signal		12 signals (1A)	12 signals (1A)
Weight (kg)		0.77	0.42

*Vacuum state can not be retained

Mount Method

Connection between RJC and Rotation Stopper must be floated. Otherwise, excessive load is applied to the shaft on the rotation side, causing breakage or air leakage.

Example of Rotation Stopper



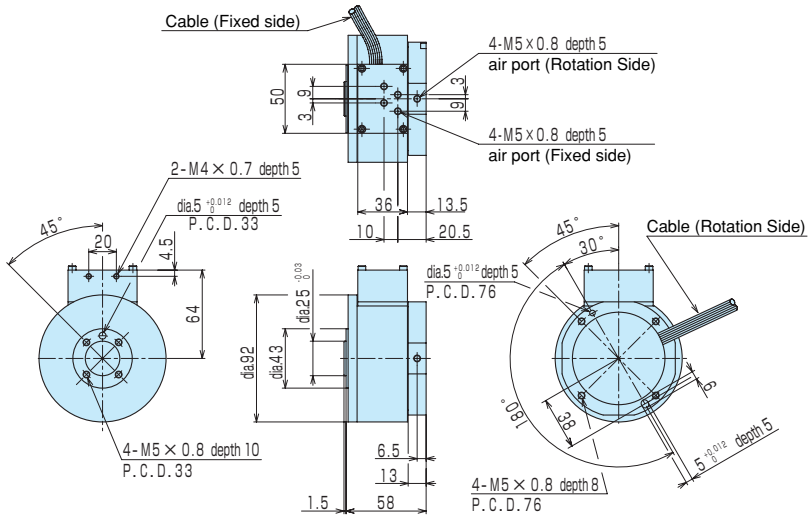
*Rotation stopper is supplied by customer.
The figure is an example.
Please design stopper based on your application.

Layout Drawing

For CAD data, please go to **▶518P**

■RJC-10A

RJC-10A Standard



■RJCC-5A

RJCC-5A Standard

