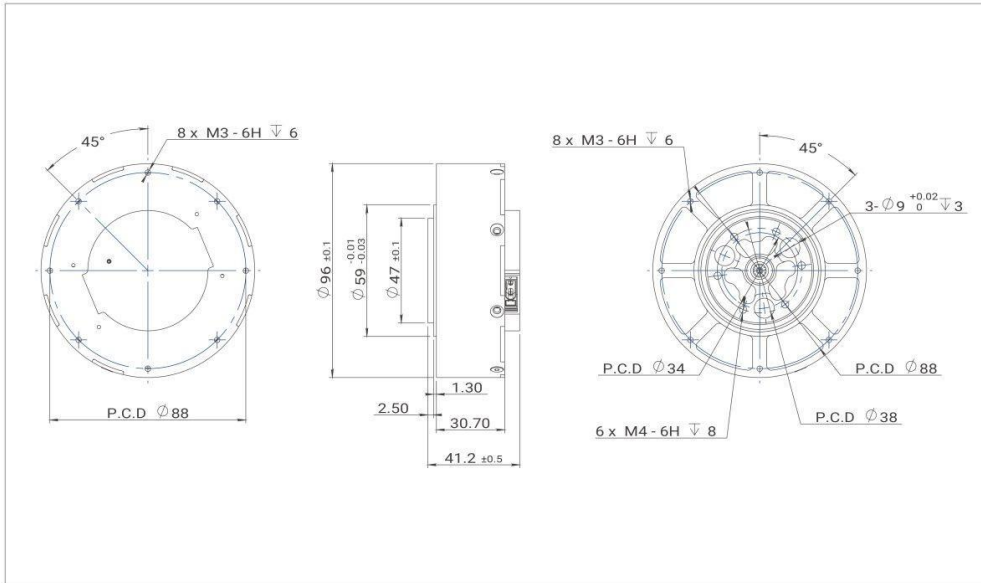


Product Information

Single Encoder

Actuator Full Name	With Brake/Without Brake	Communication
RMD-X8-P9-32-R	N (without Brake)	RS485

Installation Drawing



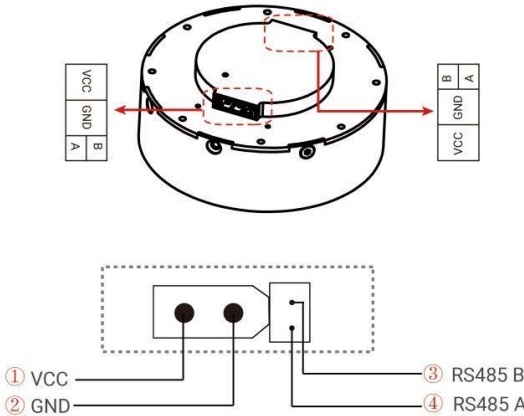
Product Parameters

Parameters	Unit	X8-32	
Gear Ratio	—	9	
Input Voltage	V	24	
No Load Speed	RPM	277	
No-Load Input Current	A	0.9	
Rated Speed	RPM	244	
Rated Torque	N.m	8	
Rated Output Power	W	204	
Rated Phase Current	A(rms)	6.2	
Peak Torque	N.m	32	
Peak Phase Current	A(rms)	30	
Efficiency	%	82	
Motor Back-EMF Constant	Vdc/Krpm	10.9	
Module Torque Constant	N.m/A	1.3	
Phase Resistance	Ω	0.13	
Phase Inductance	mH	0.081	
Pole Pair	—	21	
3 Phase Connection	—	△	
Back Drive Torque	N.m	0.8	
Backlash	Arcmin	8	
Output Bearing Type	—	Deep Groove Ball Bearings	
Axial Load	Suffer	KN	0.6
	Stress	KN	0.6
Radial Load	KN	2	
Inertia	Kg.cm²	1.43	
Encoder Type & Interface	—	Single Encoder ABS-18BIT	
Control Accuracy	Degree	<0.01	
Communication	—	RS485	
Weight	Kg	0.55	
Insulation Grade	—	F	

Stall Torque Data

	Torque (N.m)	Temperature Rise (°C)	Stall Time (s)	Phase Current (Arms)
X8-32	15.6	6	10	18.4
	18	11	8	21.2
	24	36	5	29
	30	54	3	38.2

X8-32 Interface Description

X8-32		Port Definition	Port Description
		① VCC	Positive Power Supply
		② GND	Negative Power Supply
		③ RS485 B	RS485-B
		④ RS485 A	RS485-A

X8-32 Packaging Information



List:

- A. Power Supply + RS485 Communication Cable *2
- B. 120Ω Terminal Resistance

X8-32 Accessories Marking Instructions

A 	Power Supply + RS485 Communication Cable	
	① XT30(2+2) Connector	
	② White Line	RS485-A
	③ Yellow Line	RS485-B
	④ Red Line	VCC Positive Power Supply
	⑤ Black Line	GND Negative Power Supply
B 	120Ω Terminal Resistance	