

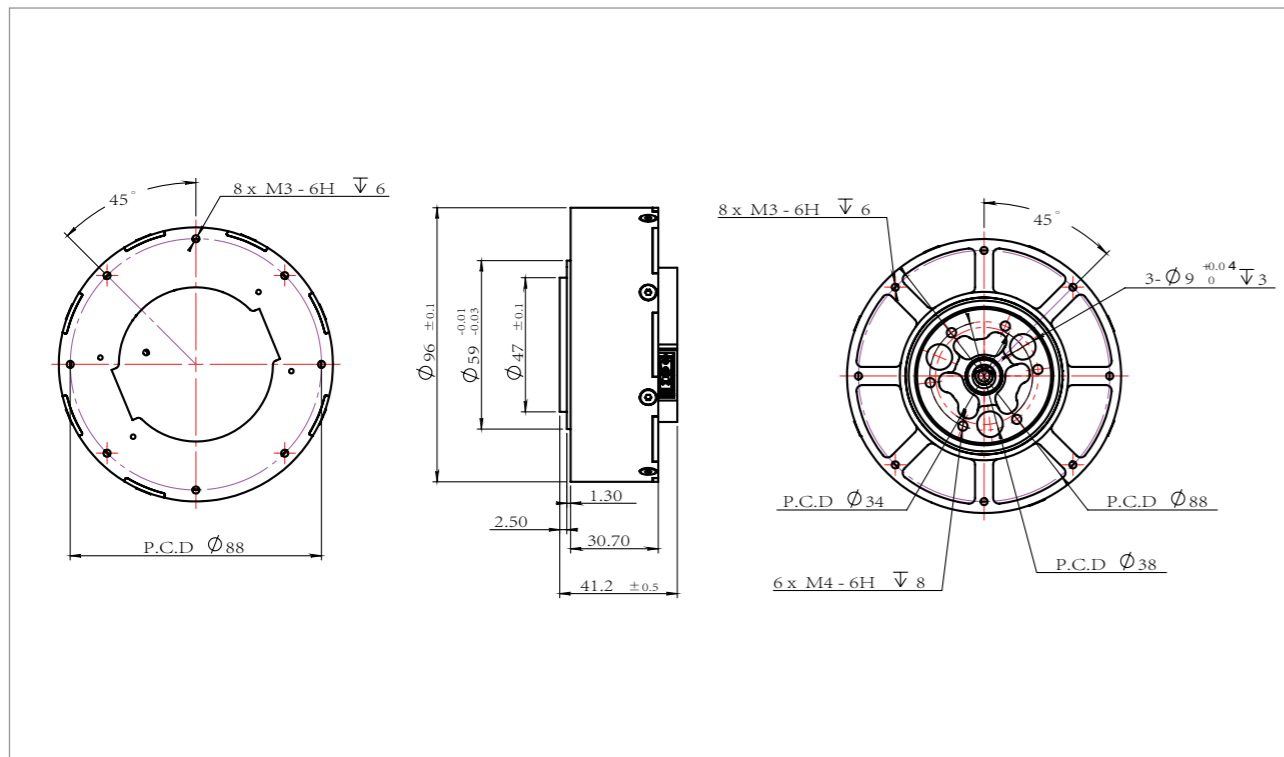
Series Name
RMD-X
Motor Simplified Name
X8-32



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	0.08	
Pole Pair	—	21	
3 Phase Connection	—	△	
Back Drive Torque	N.m	0.8	
Backlash	Arcmin	≤10	
Output Bearing Type	—	Deep Groove Ball Bearings	
Axial Load	Tensile load	KN	0.6
	Compressive load	KN	0.6
Radial Load	KN	2	
Inertia	Kg.cm ²	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