

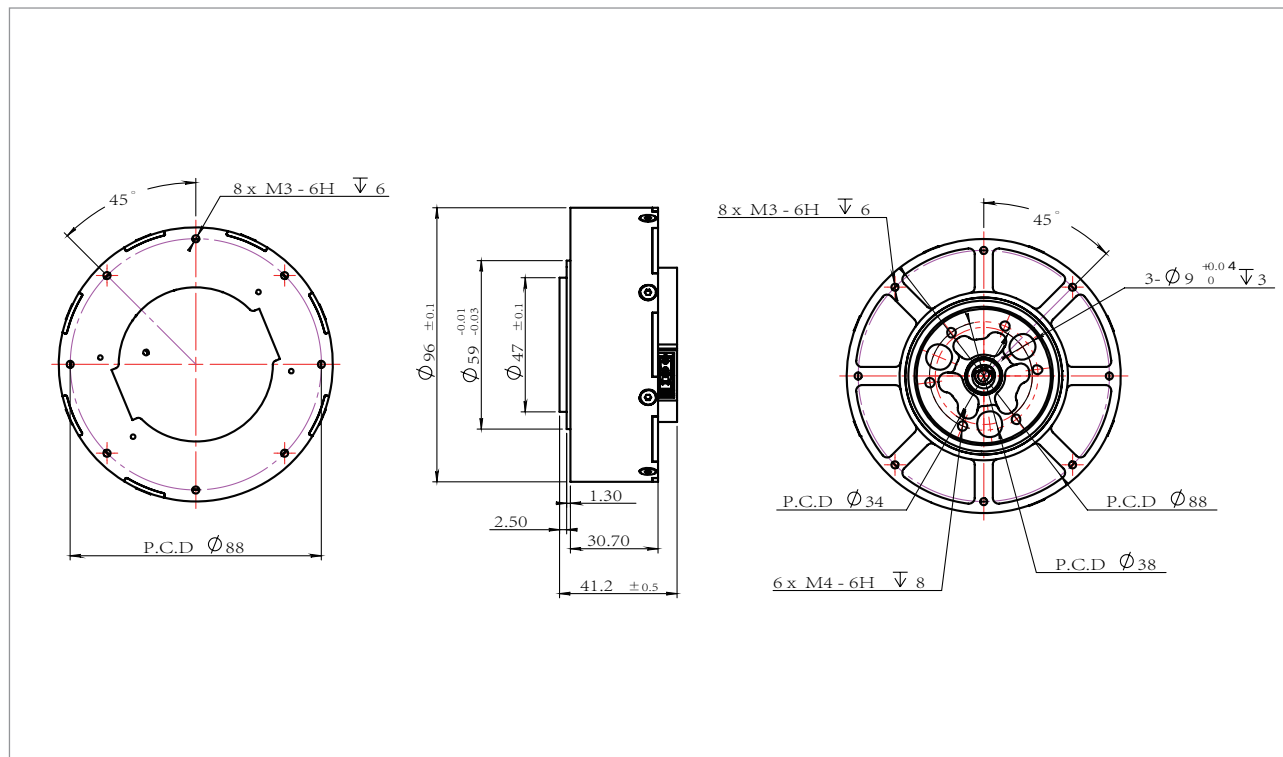
Series Name
RMD-X
Motor Simplified Name
X8-32



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
Reduction 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 Pairs	—	21
Wiring Mode	—	△
Backdrive Torque	N.m	0.8
Backlash	Arcmin	≤10
Output Bearing Type	—	Deep Groove Ball Bearings
Axial Load	Tensile load	KN
	Compressive load	KN
Radial Load	KN	2
Moment of Inertia	Kg.cm ²	1.43
Encoder Type	—	Single Encoder ABS-18BIT
Control Accuracy	Degree	<0.01
Communication Interface	—	RS485
Weight	Kg	0.55
Insulation Class	—	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