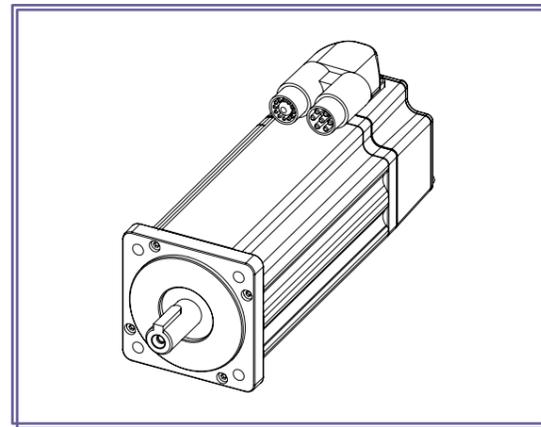
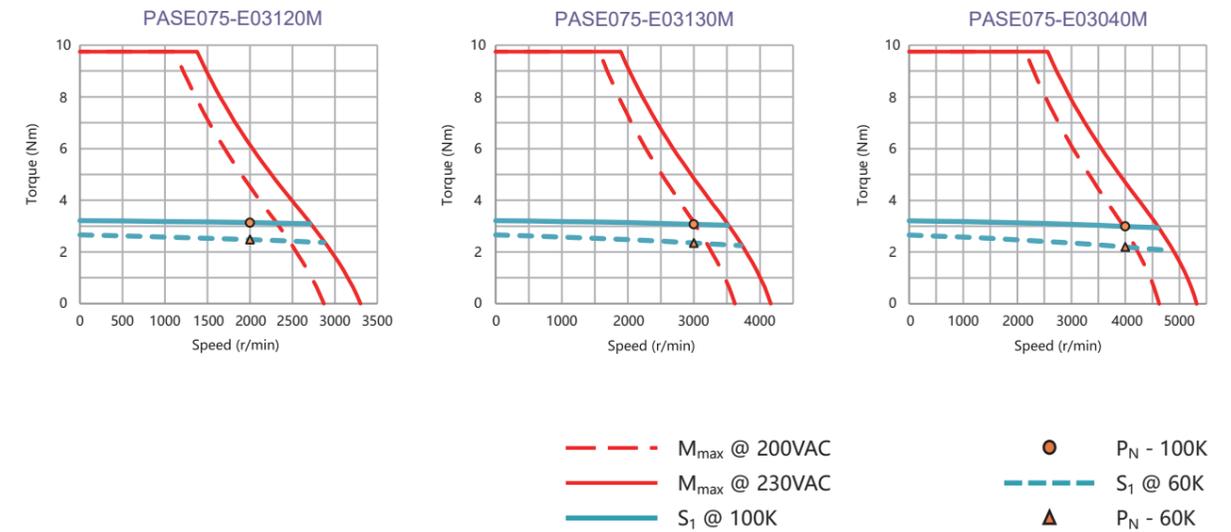


PASE075 High Performance Series 0.66~1.25KW

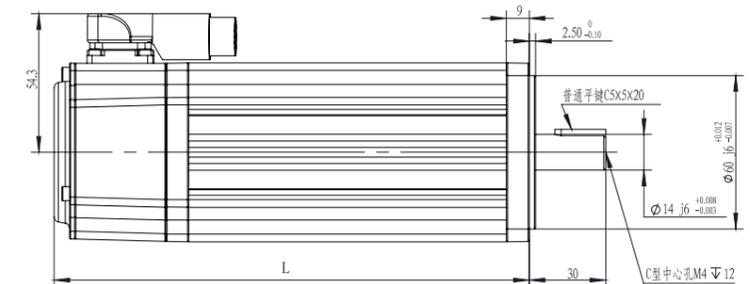
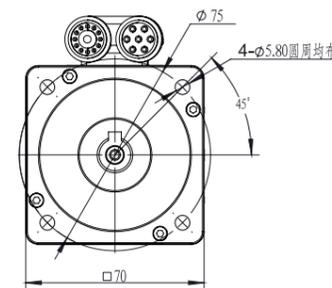


Model		PASE075-E03120M	PASE075-E03130M	PASE075-E03040M
Operating Voltage	VAC	230(200 ... 250)		
Rated Operating Point (100K)				
Rated Power (100K)	KW	0.66	0.96	1.25
Rated Speed	r/min	2000	3000	4000
Rated Torque (100K)	N.m	3.13	3.07	2.99
Rated Current (100K)	A	3.35	4.14	5.15
Rated Voltage (100K)	VAC	176	199	202
Rated Operating Point (60K)				
Rated Power (60K)	KW	0.52	0.74	0.92
Rated Speed	r/min	2000	3000	4000
Rated Torque (60K)	N.m	2.48	2.35	2.20
Rated Current (60K)	A	2.65	3.17	3.79
Rated Voltage (60K)	VAC	167	189	192
Limit Data				
Max. Allowable Speed (Mechanical)	r/min	10000		
Peak Torque	N.m	9.75	9.75	9.75
Peak Current	A	11.1	14.0	17.9
Peak Torque Turning Point (230VAC)	r/min	1350	1850	2550
Motor Data				
Polar Number	Poles	4		
Torque Constant (100K)	Nm/A	0.94	0.74	0.58
Voltage Constant (20°C)	V/1krp	66	52	41
Winding Resistance (20°C)	Ω	5.84	3.67	2.28
Winding Inductance (20°C)	mH	23.6	14.8	9.08
Rotor Inertia (w/o brake)	10 ⁻⁴ kgm ²	0.45	0.45	0.45
Rotor Inertia (w/ brake)	10 ⁻⁴ kgm ²	0.63	0.63	0.63
Weight (w/o brake)	kg	2.9	2.9	2.9
Weight (w/ brake)	kg	3.5	3.5	3.5
Brake Data				
Brake Type		Permanent magnet type		
Brake Backlash Max.	arcmin	0		
Static Torque (20°C)	N.m	4.5		
Rated Voltage	VDC	24±10%		
Brake Rated Current (20°C)	A	0.5±7%		
Brake Rated Power (20°C)	W	12±7%		
Connector Type				
Power Connector Type		M15 9-Pin (Double Cable)	M23 9-Pin (Single Cable)	
Feedback Connector Type		M15 12-Pin (Double Cable)		

Torque Characteristic Diagram



Dimensions



Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE075-E03120M / PASE075-E03130M / PASE075-E03040M	186.4	220.3