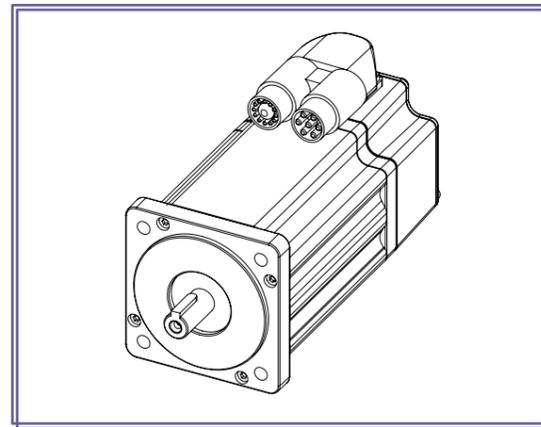


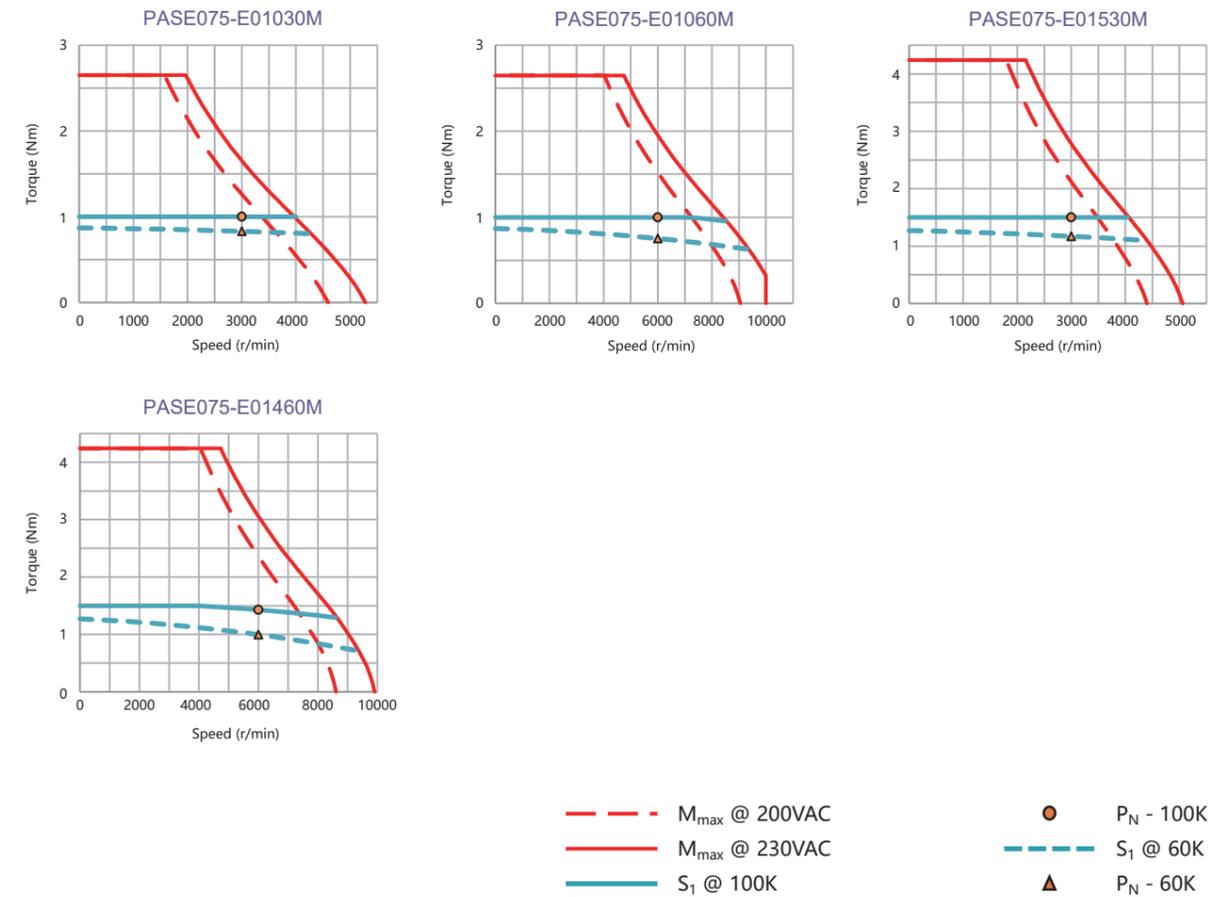
PASE075

High Performance Series 0.31~0.90KW

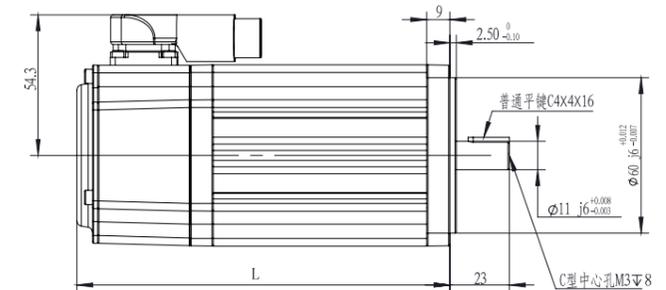
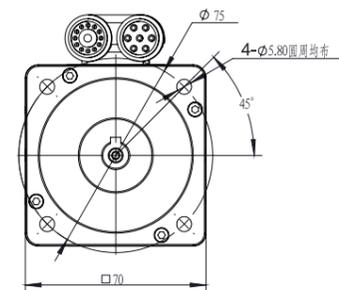


Model	PASE075-E01030M	PASE075-E01060M	PASE075-E01530M	PASE075-E01460M
Operating Voltage	VAC 230(200 ... 250)			
Rated Operating Point (100K)				
Rated Power (100K)	KW 0.31	0.63	0.47	0.90
Rated Speed	r/min 3000	6000	3000	6000
Rated Torque (100K)	N.m 1.00	1.00	1.50	1.43
Rated Current (100K)	A 1.71	3.38	2.46	4.59
Rated Voltage (100K)	VAC 181	168	175	166
Rated Operating Point (60K)				
Rated Power (60K)	KW 0.26	0.47	0.37	0.63
Rated Speed	r/min 3000	6000	3000	6000
Rated Torque (60K)	N.m 0.83	0.75	1.17	1.00
Rated Current (60K)	A 1.42	2.53	1.92	3.21
Rated Voltage (60K)	VAC 171	156	164	155
Limit Data				
Max. Allowable Speed (Mechanical)	r/min 10000			
Peak Torque	N.m 2.65	2.65	4.24	4.24
Peak Current	A 4.8	9.5	7.4	14.5
Peak Torque Turning Point (230VAC)	r/min 1950	4750	2150	4700
Motor Data				
Polar Number	Poles 4			
Torque Constant (100K)	Nm/A 0.58	0.30	0.61	0.31
Voltage Constant (20°C)	V/1krp 41	21	43	22
Winding Resistance (20°C)	Ω 18.6	3.74	6.65	1.69
Winding Inductance (20°C)	mH 38.6	9.92	26.2	6.85
Rotor Inertia (w/o brake)	10 ⁻⁴ kgm ² 0.13	0.13	0.20	0.20
Rotor Inertia (w/ brake)	10 ⁻⁴ kgm ² 0.31	0.31	0.38	0.38
Weight (w/o brake)	kg 1.5	1.5	1.8	1.8
Weight (w/ brake)	kg 2.1	2.1	2.4	2.4
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-E01030M / PASE075-E01060M	119.4	153.3
PASE075-E01530M / PASE075-E01460M	134.4	168.3