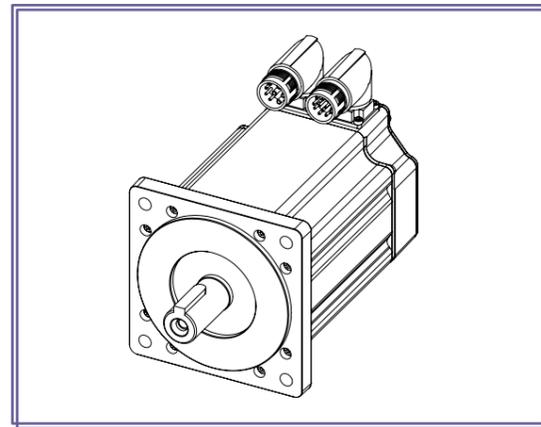
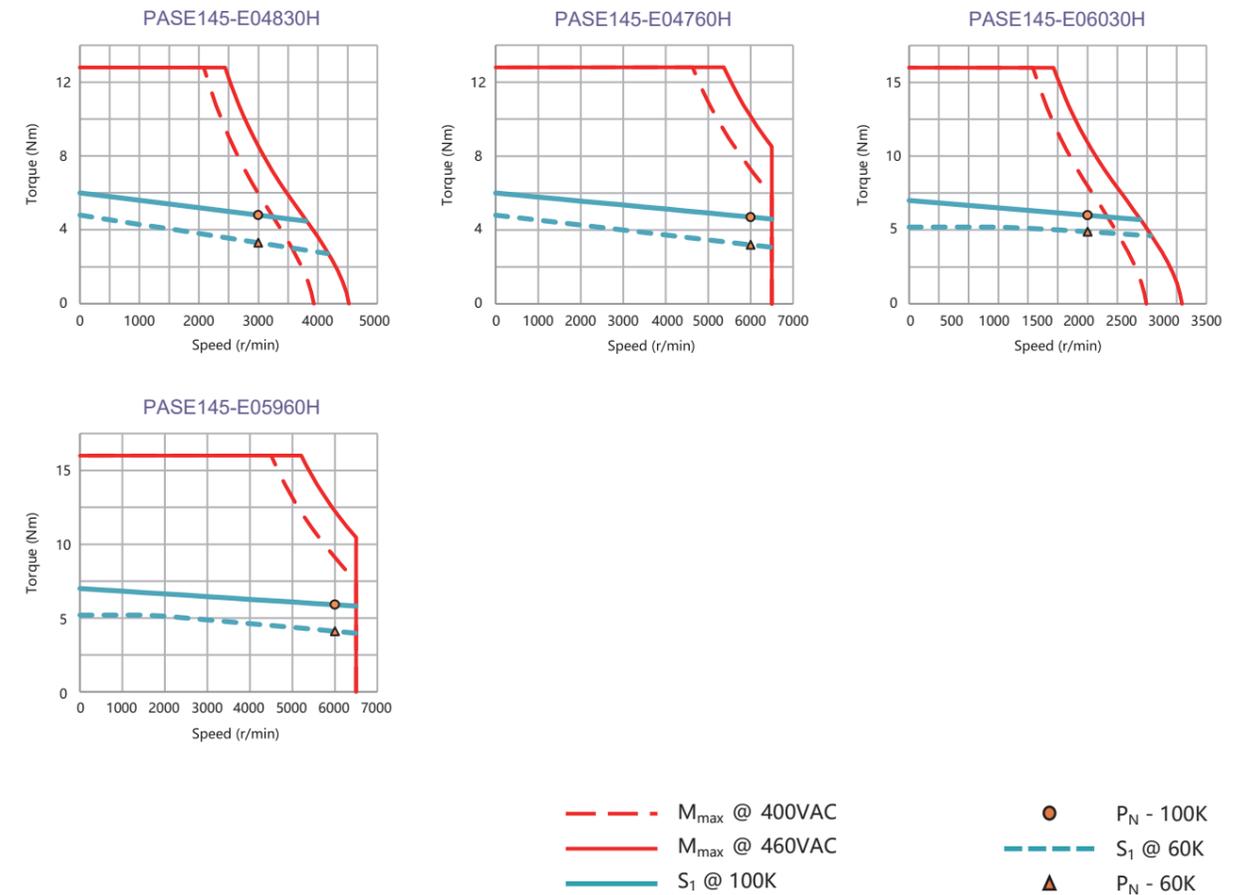


# PASE145 High Performance Series 1.15~3.71KW

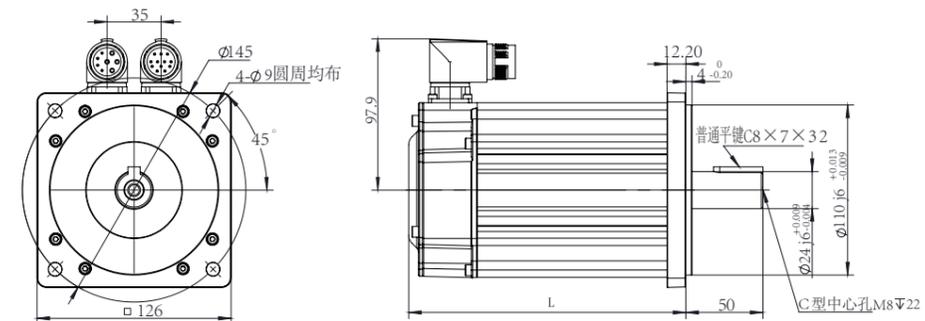


Model	PASE145-E04830H	PASE145-E04760H	PASE145-E06030H	PASE145-E05960H
Operating Voltage	VAC 400(380 ... 480)			
<b>Rated Operating Point (100K)</b>				
Rated Power (100K)	KW 1.51	2.95	1.88	3.71
Rated Speed	r/min 3000	6000	3000	6000
Rated Torque (100K)	N.m 4.8	4.7	6.0	5.9
Rated Current (100K)	A 3.4	7.0	4.3	8.7
Rated Voltage (100K)	VAC 374	347	363	345
<b>Rated Operating Point (60K)</b>				
Rated Power (60K)	KW 1.04	2.01	1.54	2.58
Rated Speed	r/min 3000	6000	3000	6000
Rated Torque (60K)	N.m 3.3	3.2	4.9	4.1
Rated Current (60K)	A 2.3	4.7	3.5	6.0
Rated Voltage (60K)	VAC 344	321	345	321
<b>Limit Data</b>				
Max. Allowable Speed (Mechanical)	r/min 6500			
Peak Torque	N.m 12.8	12.8	16.0	16.0
Peak Current	A 9.4	19.6	12.7	26.0
Peak Torque Turning Point (230VAC)	r/min 2050	4600	2050	4500
<b>Motor Data</b>				
Polar Number	Poles 4			
Torque Constant (100K)	Nm/A 1.41	0.68	1.39	0.68
Voltage Constant (20°C)	V/1krp 97	46	95	46
Winding Resistance (20°C)	Ω 5.55	1.33	3.49	0.851
Winding Inductance (20°C)	mH 44.4	10.3	34.5	8.21
Rotor Inertia (w/o brake)	10 <sup>-4</sup> kgm <sup>2</sup> 2.05	2.05	2.48	2.48
Rotor Inertia (w/ brake)	10 <sup>-4</sup> kgm <sup>2</sup> 2.50	2.50	2.93	2.93
Weight (w/o brake)	kg 5.5	5.5	6.2	6.2
Weight (w/ brake)	kg 7.5	7.5	6.6	6.6
<b>Brake Data</b>				
Brake Type	Mechanical spring pressurized type			
Brake Backlash Max.	arcmin 30			
Static Torque (20°C)	N.m 15.0			
Rated Voltage	VDC 24±10%			
Brake Rated Current (20°C)	A 0.81±7%			
Brake Rated Power (20°C)	W 19.5±7%			
<b>Connector Type</b>				
Power Connector Type	M23 8-Pin (Double Cable)	M23 9-Pin (Single Cable)		
Feedback Connector Type	M23 12-Pin (Double Cable)			

## Torque Characteristic Diagram



## Dimensions



Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE145-E04830H / PASE145-E04760H	145	198
PASE145-E06030H / PASE145-E05960H	155	208