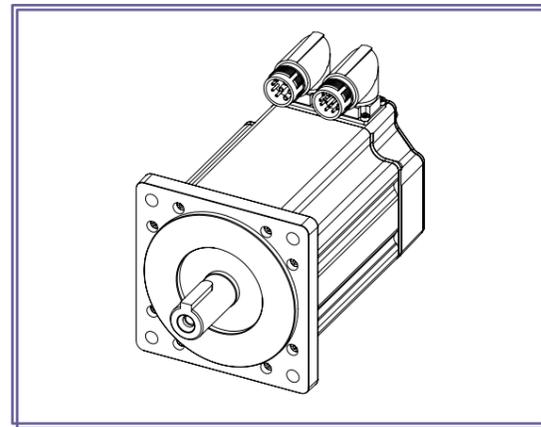
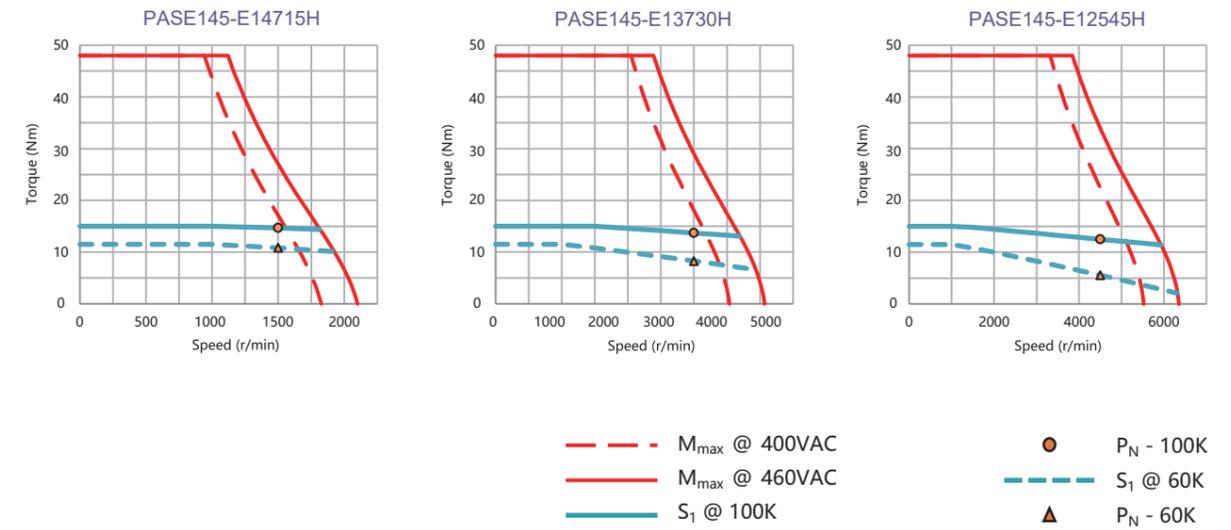


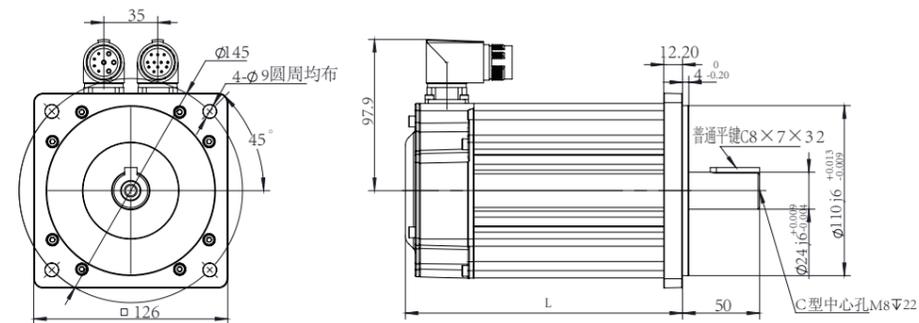
# PASE145 High Performance Series 2.31~5.89KW



## Torque Characteristic Diagram



## Dimensions



Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE145-E14715H / PASE145-E13730H / PASE145-E12545H	255	308

Model	PASE145-E14715H	PASE145-E13730H	PASE145-E12545H	
Operating Voltage	VAC	400(380 ... 480)		
<b>Rated Operating Point (100K)</b>				
Rated Power (100K)	KW	2.31	4.30	5.89
Rated Speed	r/min	1500	3000	4500
Rated Torque (100K)	N.m	14.7	13.7	12.5
Rated Current (100K)	A	4.9	8.9	12.6
Rated Voltage (100K)	VAC	387	379	355
<b>Rated Operating Point (60K)</b>				
Rated Power (60K)	KW	1.70	2.61	2.64
Rated Speed	r/min	1500	3000	4500
Rated Torque (60K)	N.m	10.8	8.3	5.6
Rated Current (60K)	A	3.6	5.3	5.6
Rated Voltage (60K)	VAC	366	357	334
<b>Limit Data</b>				
Max. Allowable Speed (Mechanical)	r/min	6500		
Peak Torque	N.m	48.0	48.0	48.0
Peak Current	A	16.4	31.8	49.6
Peak Torque Turning Point (230VAC)	r/min	900	2050	3300
<b>Motor Data</b>				
Polar Number	Poles	4		
Torque Constant (100K)	Nm/A	2.99	1.55	0.99
Voltage Constant (20°C)	V/1krp	208	107	69
Winding Resistance (20°C)	Ω	4.77	1.23	0.497
Winding Inductance (20°C)	mH	49.9	13.3	5.46
Rotor Inertia (w/o brake)	10 <sup>-4</sup> kgm <sup>2</sup>	6.75	6.75	6.75
Rotor Inertia (w/ brake)	10 <sup>-4</sup> kgm <sup>2</sup>	7.20	7.20	7.20
Weight (w/o brake)	kg	12.4	12.4	12.4
Weight (w/ brake)	kg	14.4	14.4	14.4
<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)			