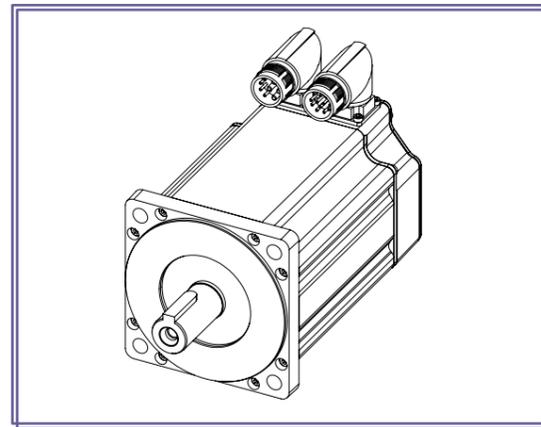


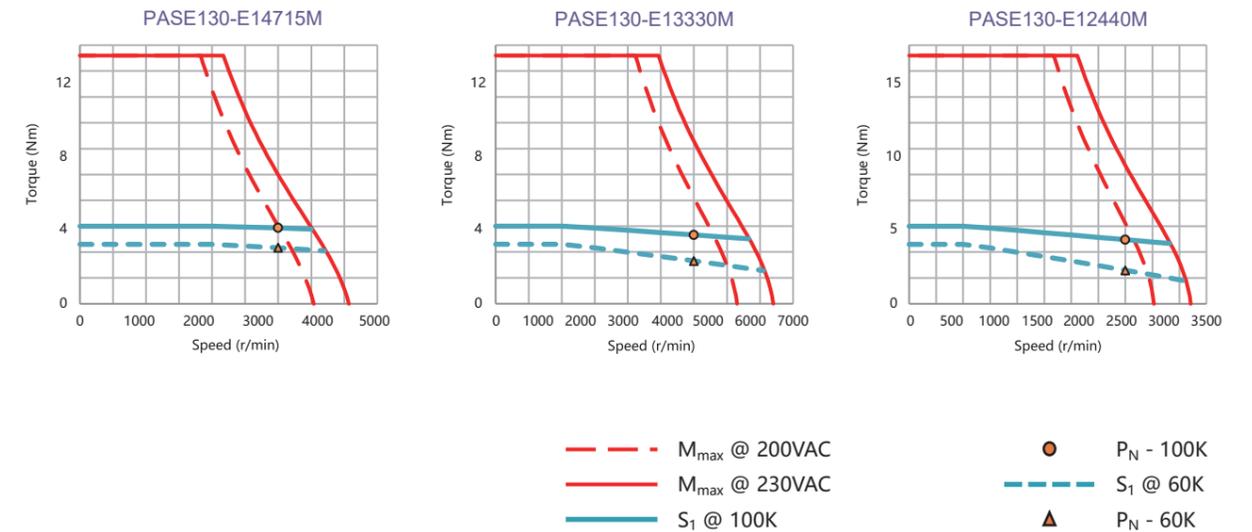
PASE130

High Performance

Series 2.31~5.19KW

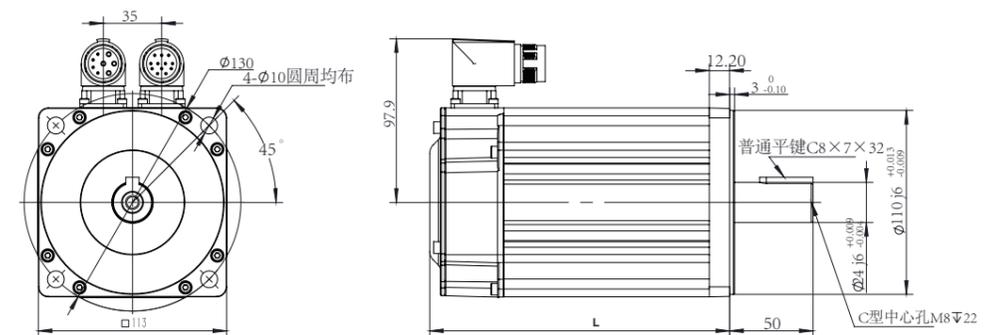


Torque Characteristic Diagram



Model	PASE130-E14715M	PASE130-E13330M	PASE130-E12440M	
Operating Voltage	VAC	230(200 ... 250)		
Rated Operating Point (100K)				
Rated Power (100K)	KW	2.31	4.18	5.19
Rated Speed	r/min	1500	3000	4000
Rated Torque (100K)	N.m	14.7	13.3	12.4
Rated Current (100K)	A	9.5	17.8	20.5
Rated Voltage (100K)	VAC	199	183	193
Rated Operating Point (60K)				
Rated Power (60K)	KW	1.70	2.61	2.72
Rated Speed	r/min	1500	3000	4000
Rated Torque (60K)	N.m	10.8	8.3	6.5
Rated Current (60K)	A	6.9	11.0	10.6
Rated Voltage (60K)	VAC	189	173	182
Limit Data				
Max. Allowable Speed (Mechanical)	r/min	6500		
Peak Torque	N.m	48.0	48.0	48.0
Peak Current	A	31.8	65.6	81.4
Peak Torque Turning Point (230VAC)	r/min	1050	2450	3100
Motor Data				
Polar Number	Poles	4		
Torque Constant (100K)	Nm/A	1.55	0.75	0.60
Voltage Constant (20°C)	V/1krp	107	52	42
Winding Resistance (20°C)	Ω	1.23	0.298	0.191
Winding Inductance (20°C)	mH	13.3	3.12	2.03
Rotor Inertia (w/o brake)	$10^{-4}kgm^2$	6.75	6.75	6.75
Rotor Inertia (w/ brake)	$10^{-4}kgm^2$	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
Brake Data				
Brake Type	Mechanical spring pressurized type			
Brake Backlash Max.	arcmin	30		
Static Torque (20°C)	N.m	15.0		
Rated Voltage	VDC	24 \pm 10%		
Brake Rated Current (20°C)	A	0.81 \pm 7%		
Brake Rated Power (20°C)	W	19.5 \pm 7%		
Connector Type				
Power Connector Type	M23 8-Pin (Double Cable)		M23 9-Pin (Single Cable)	
Feedback Connector Type	M23 12-Pin (Double Cable)			

Dimensions



Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE130-E14715M / PASE130-E13330M / PASE130-E12440M	255	308