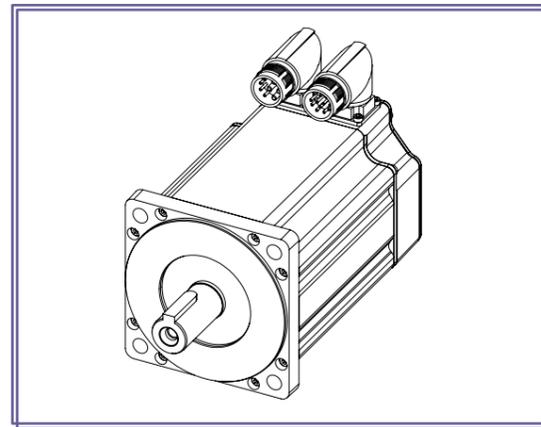


PASE130

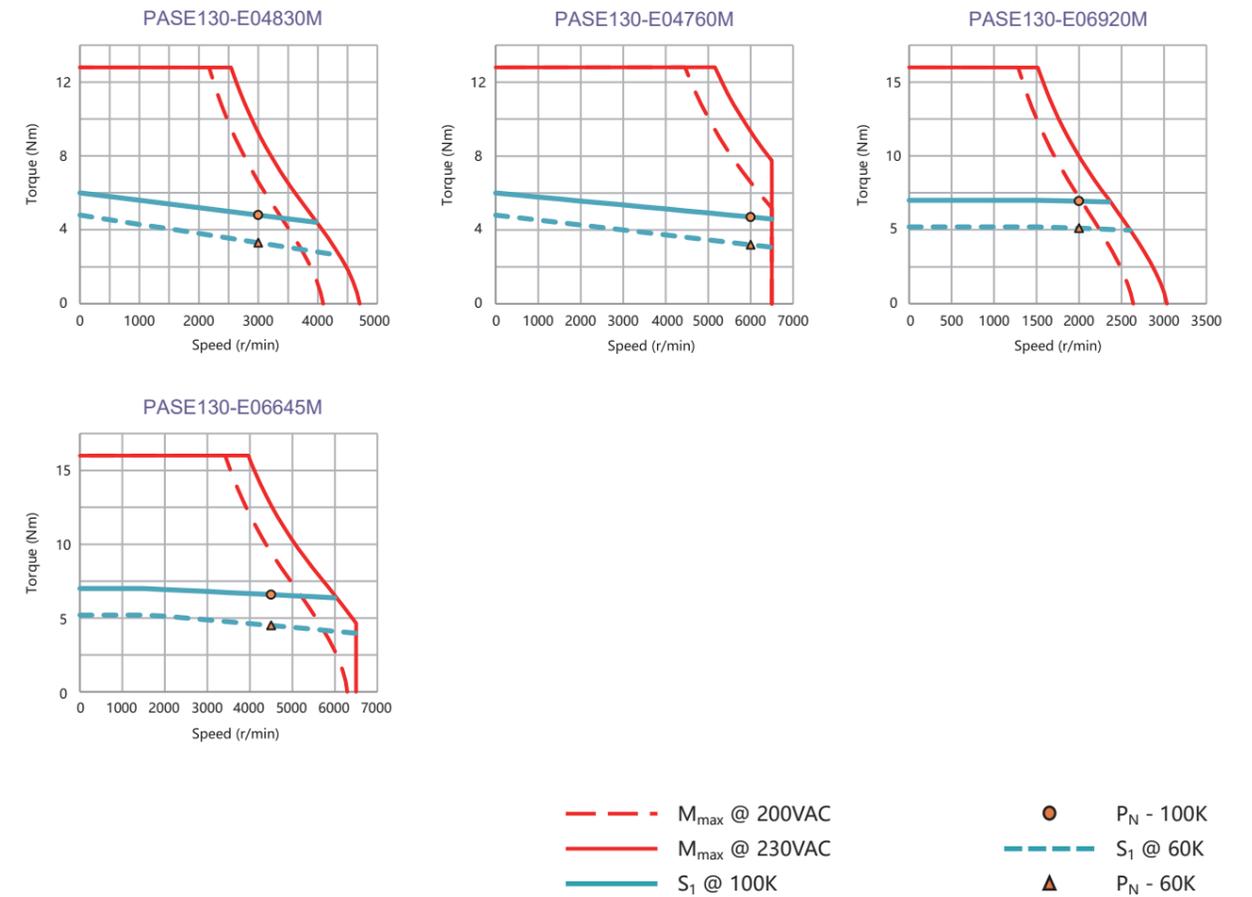
High Performance

Series 1.51~3.11KW

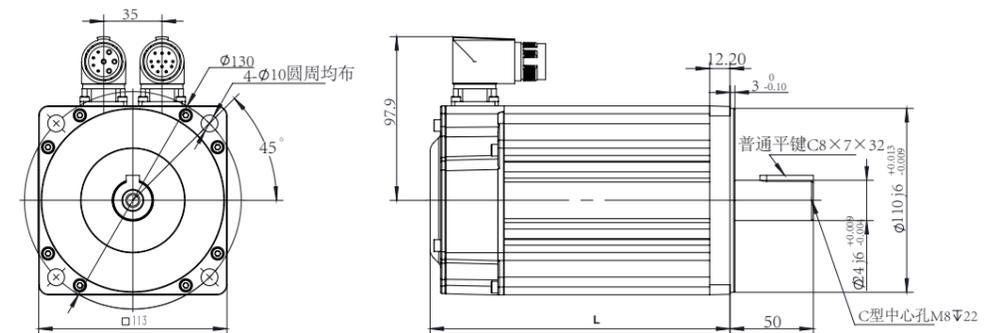


Model	PASE130-E04830M	PASE130-E04760M	PASE130-E06920M	PASE130-E06645M
Operating Voltage	VAC 230(200 ... 250)			
Rated Operating Point (100K)				
Rated Power (100K)	KW 1.51	2.95	1.45	3.11
Rated Speed	r/min 3000	6000	2000	4500
Rated Torque (100K)	N.m 4.8	4.7	6.9	6.6
Rated Current (100K)	A 7.1	13.4	6.5	14.9
Rated Voltage (100K)	VAC 180	180	197	174
Rated Operating Point (60K)				
Rated Power (60K)	KW 1.04	2.01	1.07	2.12
Rated Speed	r/min 3000	6000	2000	4500
Rated Torque (60K)	N.m 3.3	3.2	5.1	4.5
Rated Current (60K)	A 3.9	9.0	4.8	10.1
Rated Voltage (60K)	VAC 165	167	180	160
Limit Data				
Max. Allowable Speed (Mechanical)	r/min 6500			
Peak Torque	N.m 12.8	12.8	16.0	16.0
Peak Current	A 19.6	37.7	16.8	40.0
Peak Torque Turning Point (230VAC)	r/min 2500	5150	1500	3950
Motor Data				
Polar Number	Poles 4			
Torque Constant (100K)	Nm/A 0.68	0.35	1.05	0.44
Voltage Constant (20°C)	V/1krp 46	24	72	30
Winding Resistance (20°C)	Ω 1.33	0.345	2.10	0.348
Winding Inductance (20°C)	mH 10.3	2.78	19.7	3.47
Rotor Inertia (w/o brake)	10 ⁻⁴ kgm ² 2.05	2.05	2.48	2.48
Rotor Inertia (w/ brake)	10 ⁻⁴ kgm ² 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
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±10%			
Brake Rated Current (20°C)	A 0.81±7%			
Brake Rated Power (20°C)	W 19.5±7%			
Connector Type				
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)
PASE130-E04830M / PASE130-E04760M	145	198
PASE130-E06920M / PASE130-E06645M	155	208