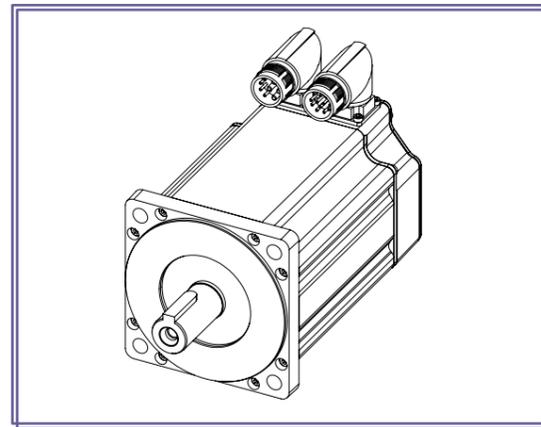


PASE130

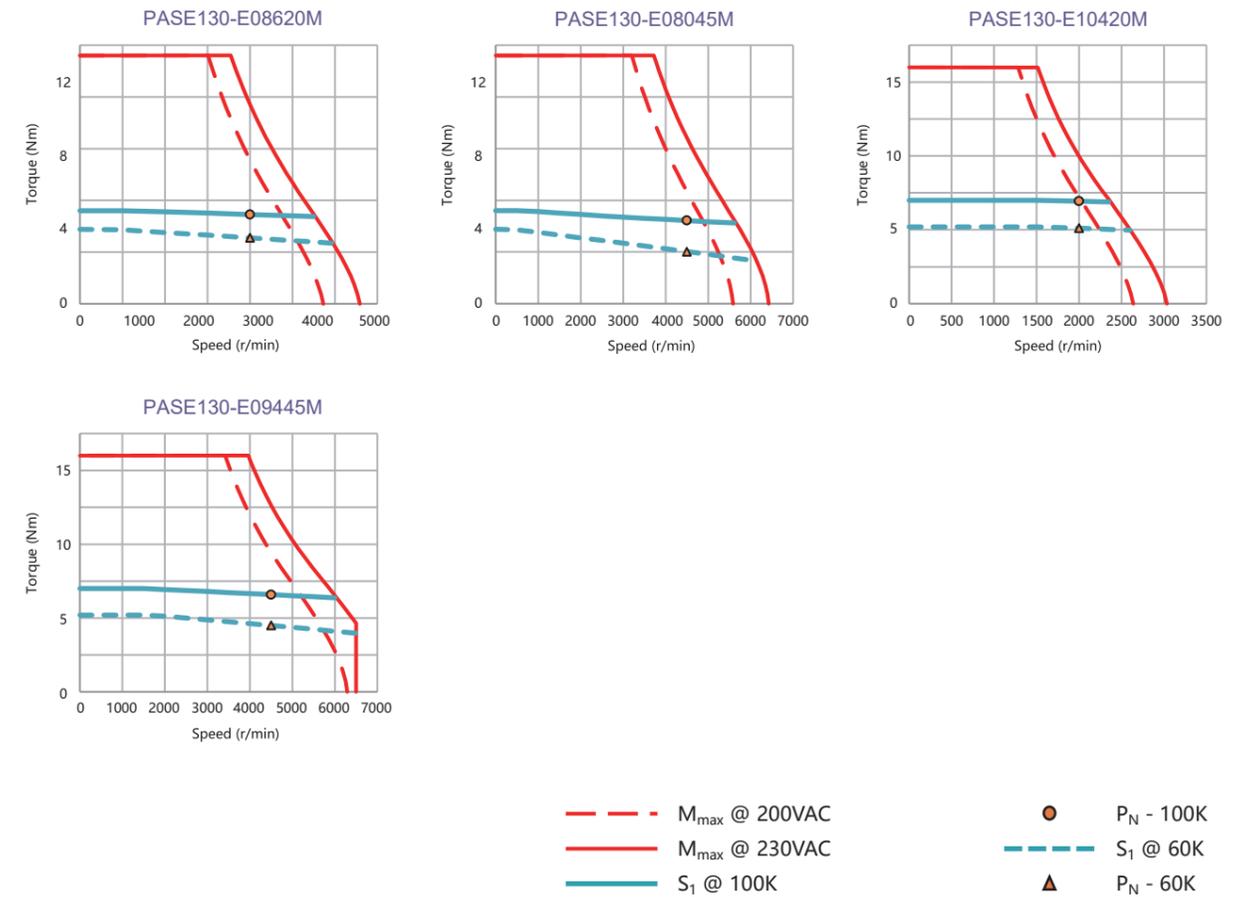
High Performance

Series 1.80~4.43KW

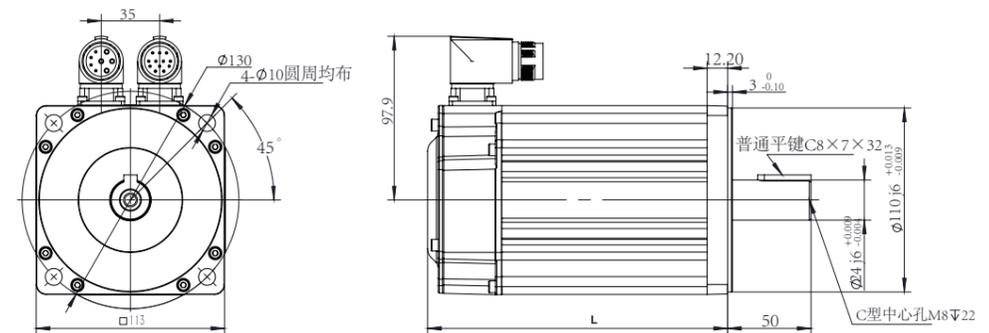


Model	PASE130-E08620M	PASE130-E08045M	PASE130-E10420M	PASE130-E09445M
Operating Voltage	VAC 230(200 ... 250)			
Rated Operating Point (100K)				
Rated Power (100K)	KW 1.80	3.77	2.18	4.43
Rated Speed	r/min 2000	4500	2000	4500
Rated Torque (100K)	N.m 8.6	8.0	10.4	9.4
Rated Current (100K)	A 8.9	16.1	10.1	18.8
Rated Voltage (100K)	VAC 171	185	176	182
Rated Operating Point (60K)				
Rated Power (60K)	KW 1.34	2.36	1.59	2.50
Rated Speed	r/min 2000	4500	2000	4500
Rated Torque (60K)	N.m 6.4	5.0	7.6	5.3
Rated Current (60K)	A 6.5	9.9	7.2	10.4
Rated Voltage (60K)	VAC 160	172	166	170
Limit Data				
Max. Allowable Speed (Mechanical)	r/min 6500			
Peak Torque	N.m 24.0	24.0	32.0	32.0
Peak Current	A 25.7	50.2	32.2	66.4
Peak Torque Turning Point (230VAC)	r/min 1750	3700	1650	3700
Motor Data				
Polar Number	Poles 4			
Torque Constant (100K)	Nm/A 0.97	0.50	1.03	0.50
Voltage Constant (20°C)	V/1krp 66	34	71	34
Winding Resistance (20°C)	Ω 1.23	0.315	0.949	0.230
Winding Inductance (20°C)	mH 10.7	2.81	9.12	2.14
Rotor Inertia (w/o brake)	10 ⁻⁴ kgm ² 3.55	3.55	4.61	4.61
Rotor Inertia (w/ brake)	10 ⁻⁴ kgm ² 4.00	4.00	5.06	5.06
Weight (w/o brake)	kg 7.7	7.7	9.2	9.2
Weight (w/ brake)	kg 9.7	9.7	11.2	11.2
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-E08620M / PASE130-E08045M	180	233
PASE130-E10420M / PASE130-E09445M	205	258