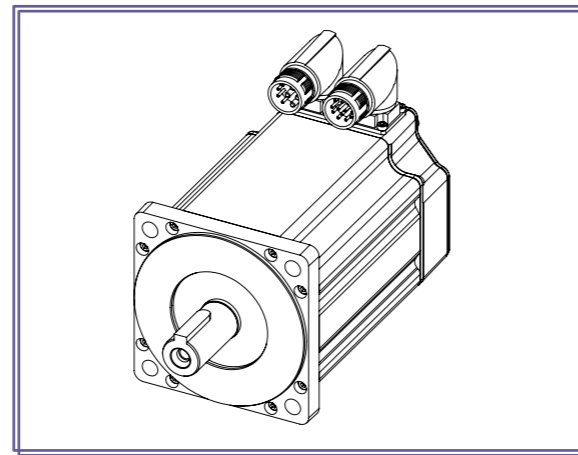


PASE130

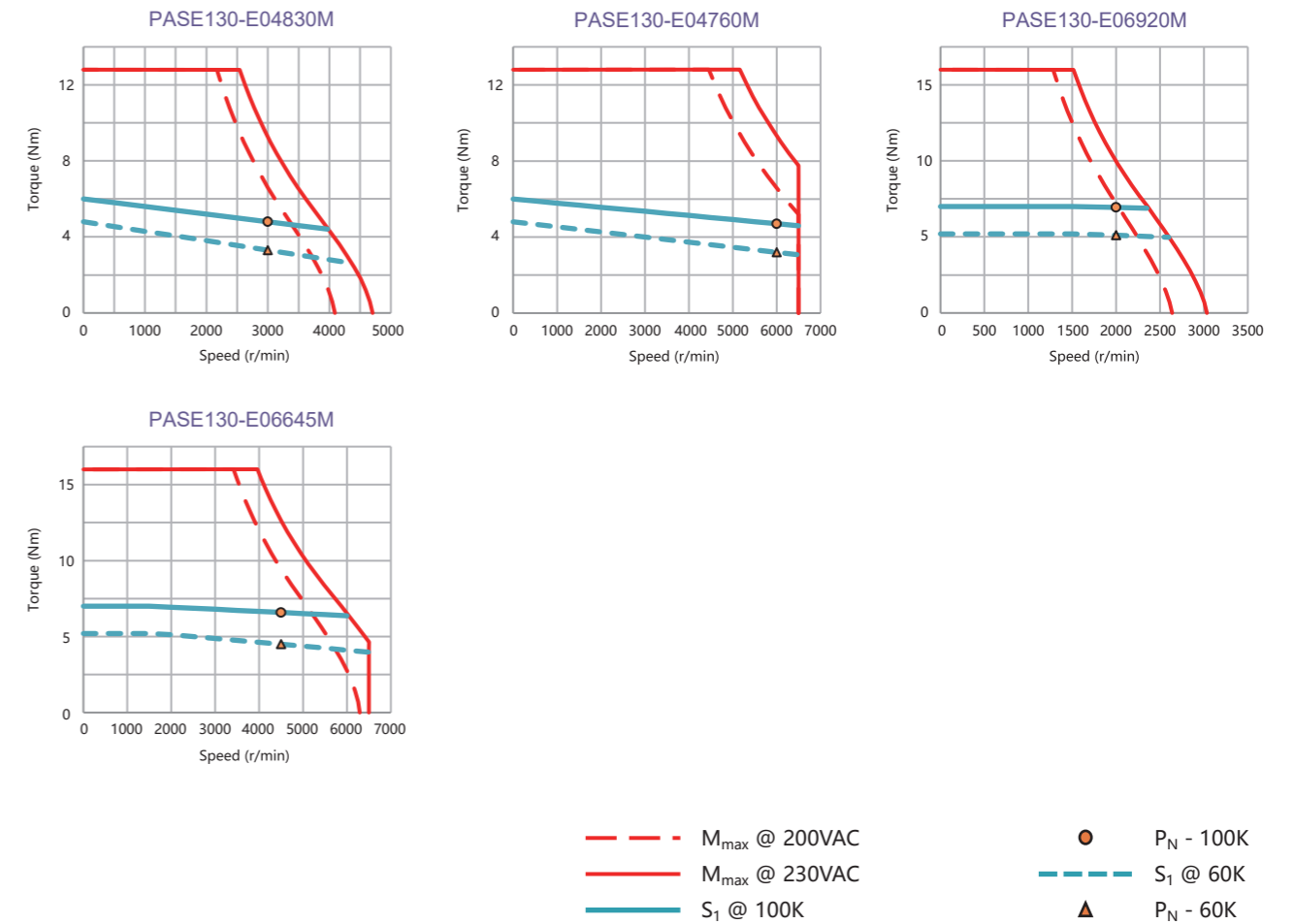
High Performance

Series 1.51~3.11KW

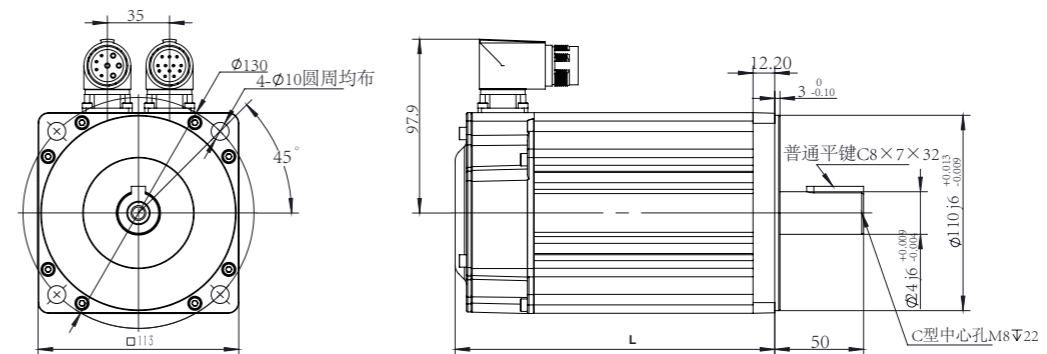


Model	PASE130-E04830M	PASE130-E04760M	PASE130-E06920M	PASE130-E06645M	
Operating Voltage	VAC 230(200 ... 250)				
Rated Operating Point (100K)					
Rated Power (100K)	KW	1.51	2.95	1.45	3.11
Rated Speed	r/min	3000	6000	2000	4500
Rated Torque (100K)	N.m	4.8	4.7	6.9	6.6
Rated Current (100K)	A	7.1	13.4	6.5	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

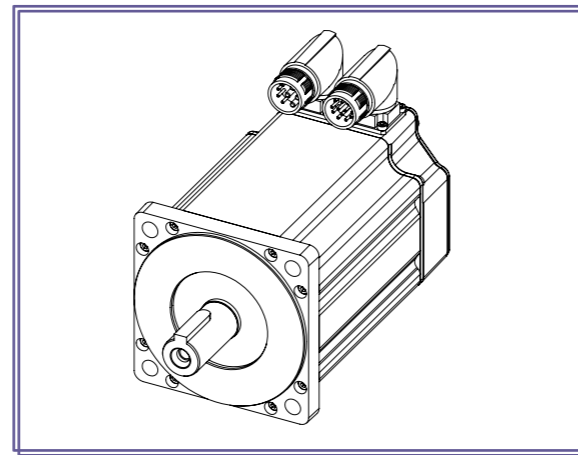


Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE130-E04830M / PASE130-E04760M	145	198
PASE130-E06920M / PASE130-E06645M	155	208

PASE130

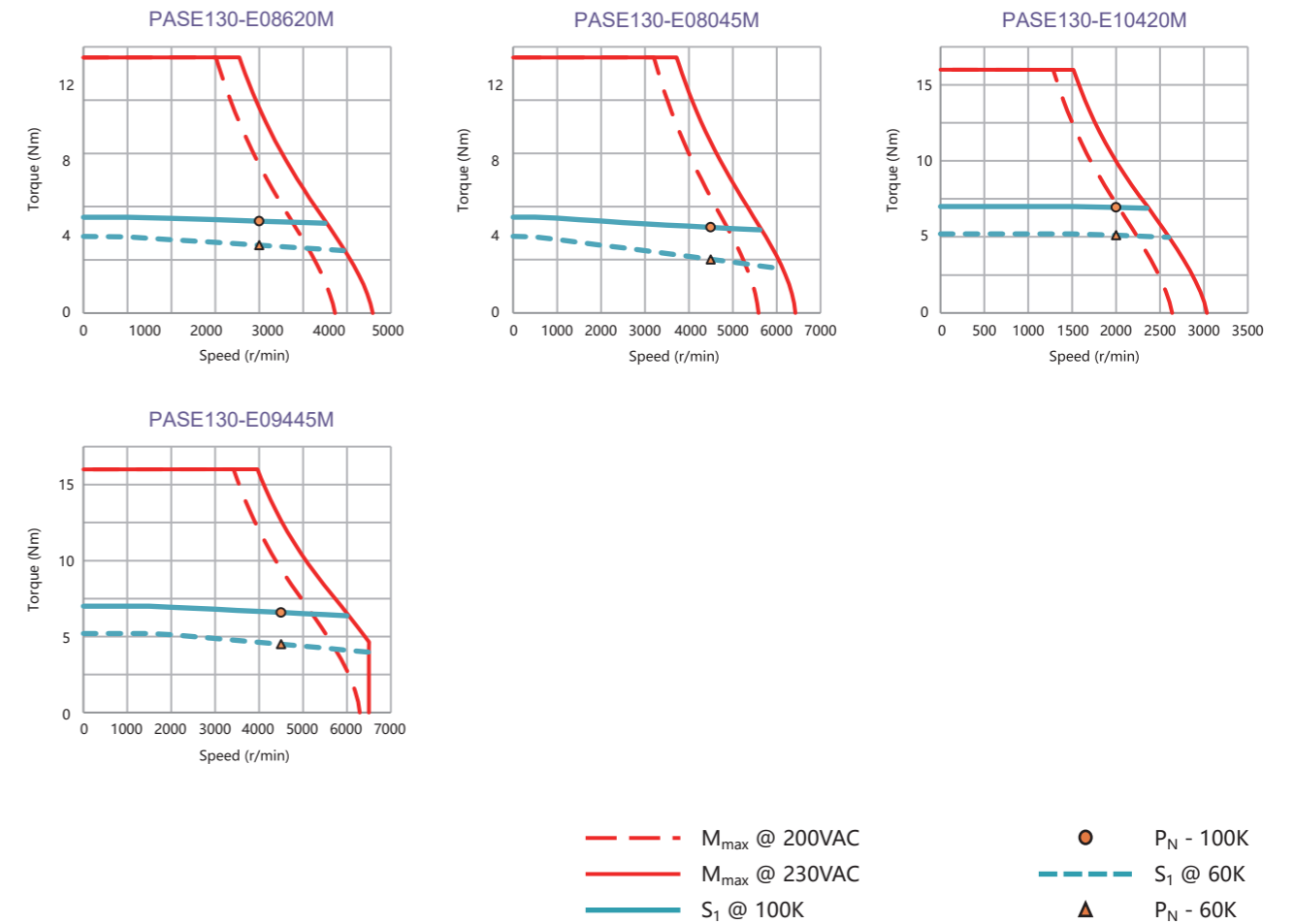
High Performance

Series 1.80~4.43KW

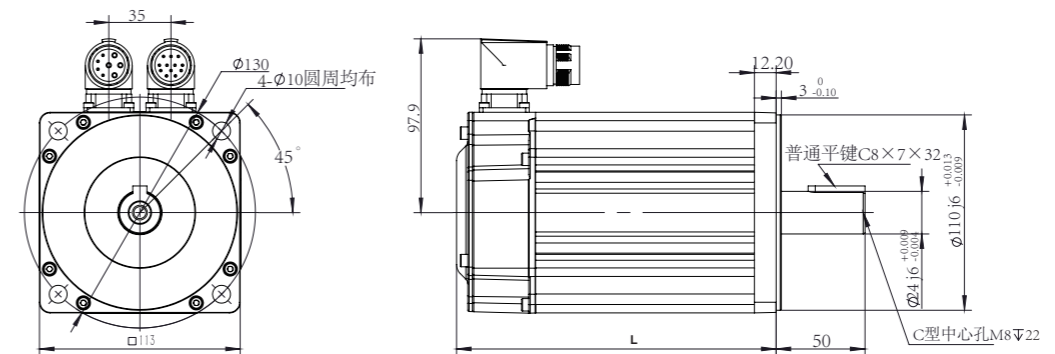


Model	PASE130-E08620M	PASE130-E08045M	PASE130-E10420M	PASE130-E09445M
Operating Voltage	VAC 230(200 ... 250)			
Rated Operating Point (100K)				
Rated Power (100K)	KW 1.80	3.77	2.18	4.43
Rated Speed	r/min 2000	4500	2000	4500
Rated Torque (100K)	N.m 8.6	8.0	10.4	9.4
Rated Current (100K)	A 8.9	16.1	10.1	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

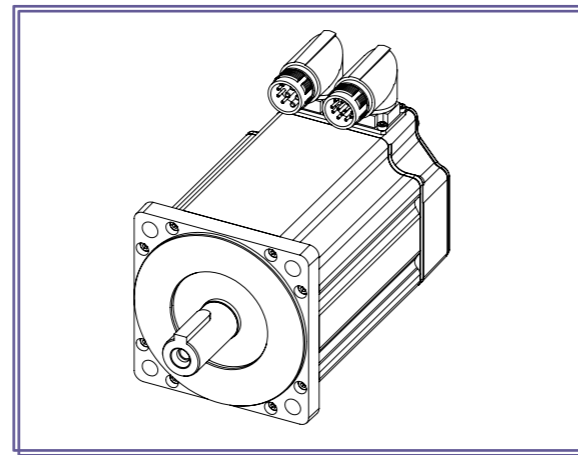


Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE130-E08620M / PASE130-E08045M	180	233
PASE130-E10420M / PASE130-E09445M	205	258

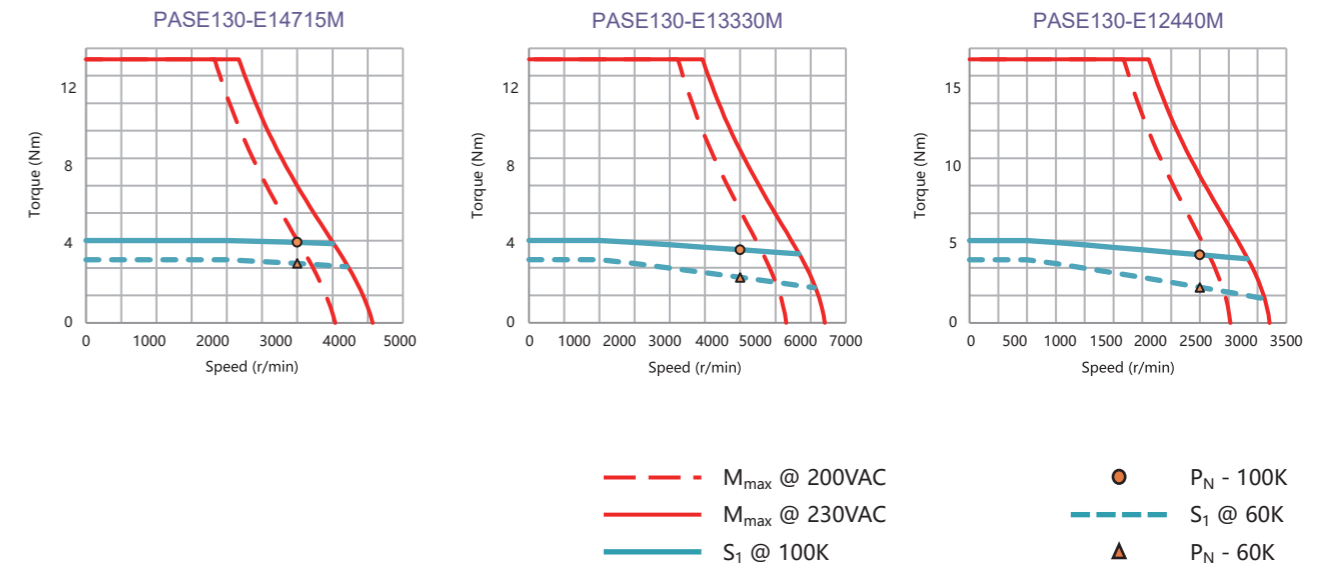
PASE130

High Performance

Series 2.31~5.19KW

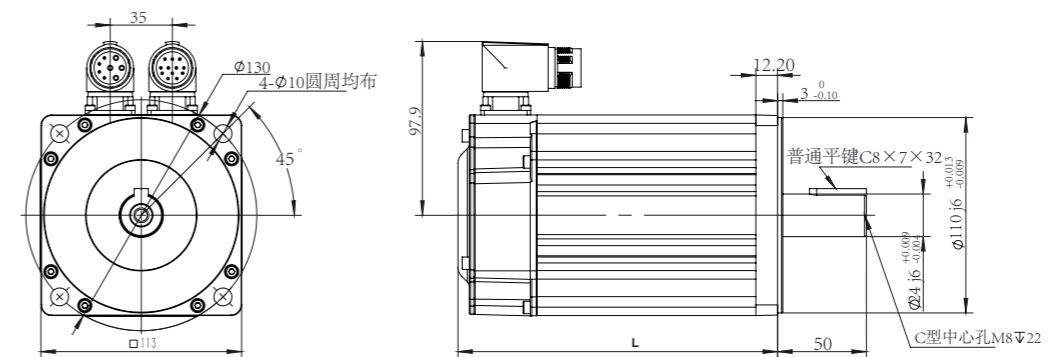


Torque Characteristic Diagram



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±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)			

Dimensions



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