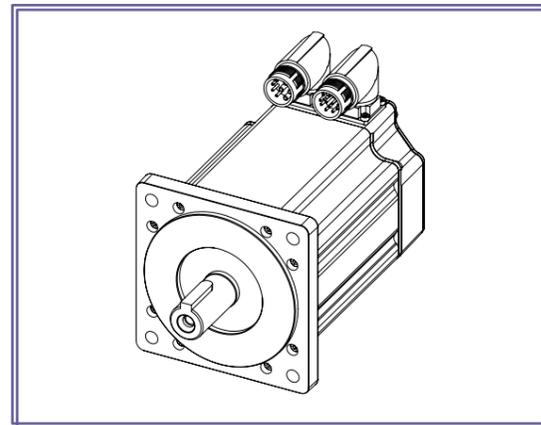


PASE145

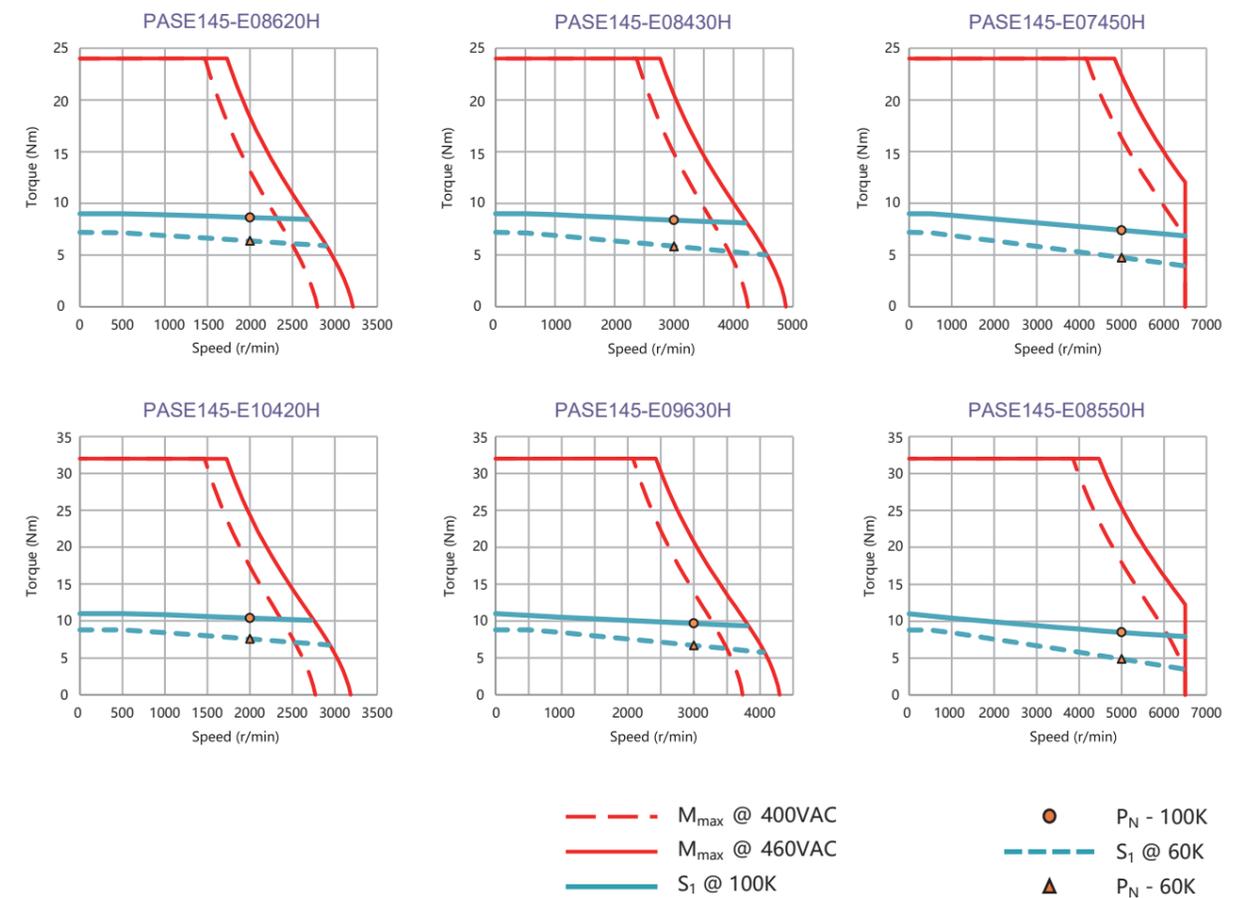
High Performance

Series 1.80~4.45KW

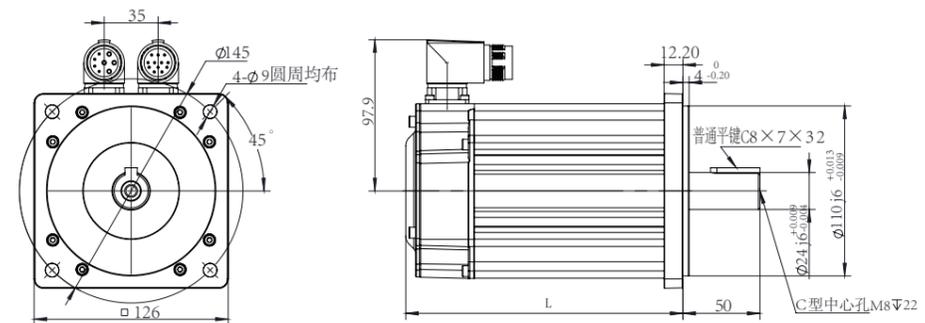


Model	PASE145-E08620H	PASE145-E08430H	PASE145-E07450H	PASE145-E10420H	PASE145-E09630H	PASE145-E08550H	
Operating Voltage	VAC 400(380 ... 480)						
Rated Operating Point (100K)							
Rated Power (100K)	KW	1.80	2.64	3.87	2.18	3.02	4.45
Rated Speed	r/min	2000	3000	5000	2000	3000	5000
Rated Torque (100K)	N.m	8.6	8.4	7.4	10.4	9.6	8.5
Rated Current (100K)	A	4.3	6.4	9.5	5.2	6.5	10.1
Rated Voltage (100K)	VAC	349	334	315	343	366	332
Rated Operating Point (60K)							
Rated Power (60K)	KW	1.34	1.82	2.51	1.59	2.10	2.57
Rated Speed	r/min	2000	3000	5000	2000	3000	5000
Rated Torque (60K)	N.m	6.4	5.8	4.8	7.6	6.7	4.9
Rated Current (60K)	A	3.2	4.4	6.1	3.7	4.4	5.7
Rated Voltage (60K)	VAC	327	311	297	322	346	314
Limit Data							
Max. Allowable Speed (Mechanical)	r/min	6500					
Peak Torque	N.m	24.0	24.0	24.0	32.0	32.0	32.0
Peak Current	A	12.6	19.1	32.2	16.6	22.4	39.6
Peak Torque Turning Point (230VAC)	r/min	1450	2350	4150	1450	2050	3850
Motor Data							
Polar Number	Poles	4					
Torque Constant (100K)	Nm/A	1.99	1.31	0.78	2.00	1.49	0.84
Voltage Constant (20°C)	V/1krp	136	90	53	137	102	57
Winding Resistance (20°C)	Ω	5.04	2.19	0.778	3.69	1.93	0.612
Winding Inductance (20°C)	mH	44.9	19.5	6.84	34.2	18.8	6.02
Rotor Inertia (w/o brake)	10 ⁻⁴ kgm ²	3.55	3.55	3.55	4.61	4.61	4.61
Rotor Inertia (w/ brake)	10 ⁻⁴ kgm ²	4.00	4.00	4.00	5.06	5.06	5.06
Weight (w/o brake)	kg	7.7	7.7	7.7	9.2	9.2	9.2
Weight (w/ brake)	kg	9.7	9.7	9.7	11.2	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)
PASE145-E08620H / PASE145-E08430H / PASE145-E07450H	180	233
PASE145-E10420H / PASE145-E09630H / PASE145-E08550H	205	258