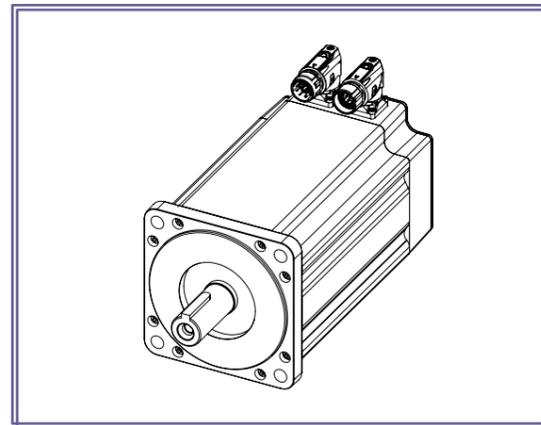


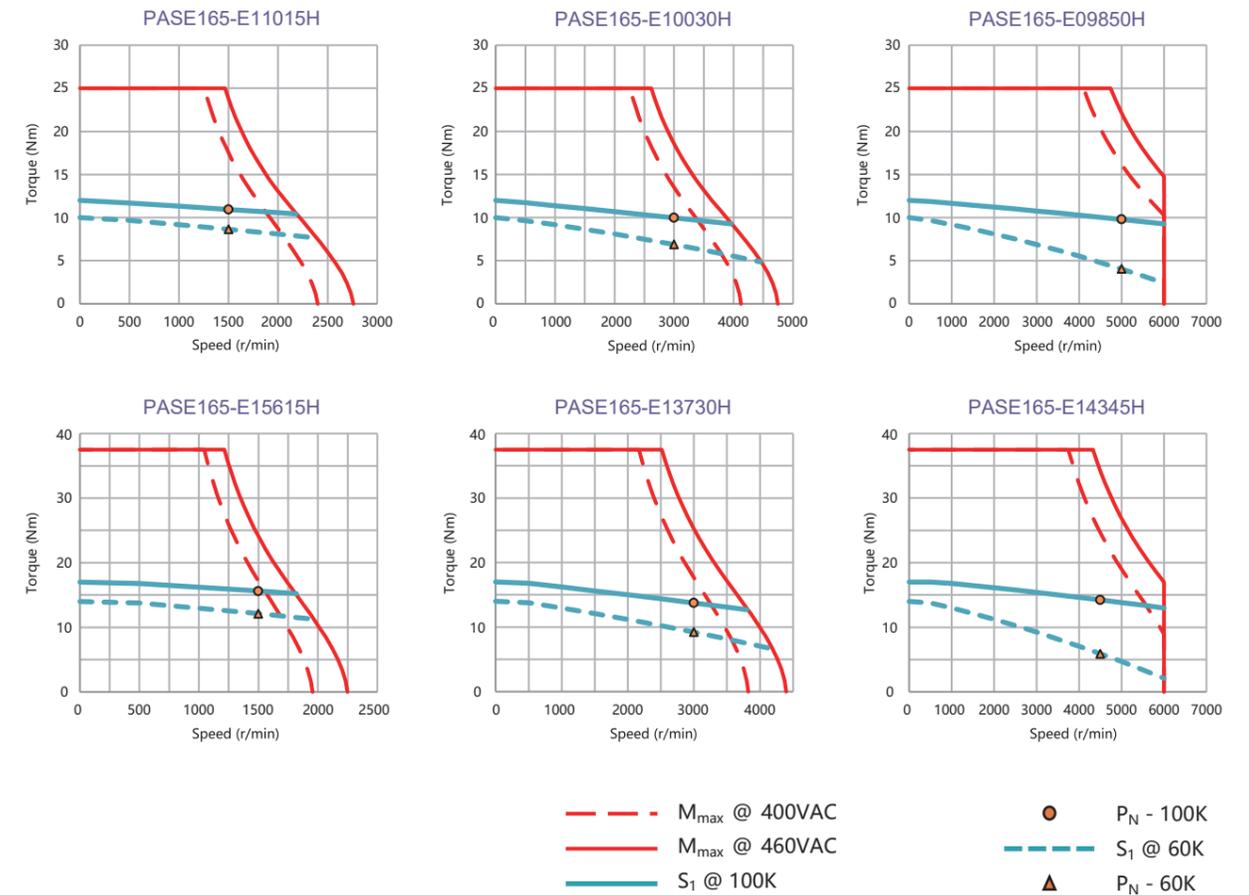
PASE165

High Performance

Series 1.7~6.7KW

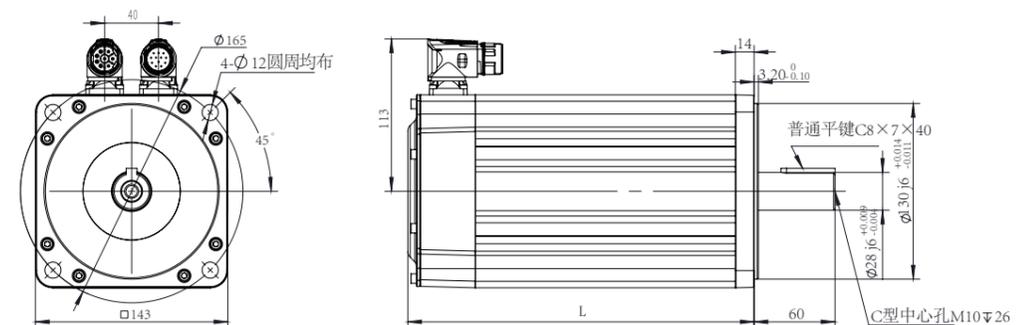


Torque Characteristic Diagram



Model	PASE165-E11015H	PASE165-E10030H	PASE165-E09850H	PASE165-E15615H	PASE165-E13730H	PASE165-E14345H	
Operating Voltage	VAC 400(380 ... 480)						
Rated Operating Point (100K)							
Rated Power (100K)	KW	1.7	3.1	5.1	2.5	4.3	6.7
Rated Speed	r/min	1500	3000	5000	1500	3000	4500
Rated Torque (100K)	N.m	11.0	10.0	9.8	15.6	13.7	14.25
Rated Current (100K)	A	4.8	7.6	13.2	5.6	9.6	16.9
Rated Voltage (100K)	VAC	328	358	330	387	370	329
Rated Operating Point (60K)							
Rated Power (60K)	KW	1.4	2.2	2.1	1.9	2.9	2.8
Rated Speed	r/min	1500	3000	5000	1500	3000	4500
Rated Torque (60K)	N.m	8.7	6.9	4.0	12.1	9.2	5.9
Rated Current (60K)	A	3.7	5.0	5.2	4.2	6.2	6.7
Rated Voltage (60K)	VAC	301	325	284	357	341	289
Limit Data							
Max. Allowable Speed (Mechanical)	r/min	6000					
Peak Torque	N.m	25.0	25.0	25.0	37.5	37.5	37.5
Peak Current	A	12	21	36	15	29	48
Peak Torque Turning Point (230VAC)	r/min	1250	2250	4100	1050	2150	3750
Motor Data							
Polar Number	Poles	4					
Torque Constant (100K)	Nm/A	2.27	1.32	0.74	2.78	1.42	0.84
Voltage Constant (20°C)	V/1krp	158	92	52	194	99	59
Winding Resistance (20°C)	Ω	3.65	1.19	0.37	2.42	0.90	0.34
Winding Inductance (20°C)	mH	64.8	21.9	6.94	65.1	16.0	5.60
Rotor Inertia (w/o brake)	10 ⁻⁴ kgm ²	6.69	6.69	6.69	9.63	9.63	9.63
Rotor Inertia (w/ brake)	10 ⁻⁴ kgm ²	8.34	8.34	8.34	11.3	11.3	11.3
Weight (w/o brake)	kg	10.5	10.5	10.5	13.0	13.0	13.0
Weight (w/ brake)	kg	13.0	13.0	13.0	15.5	15.5	15.5
Brake Data							
Brake Type	Mechanical spring pressurized type						
Brake Backlash Max.	arcmin	30					
Static Torque (20°C)	N.m	40.0					
Rated Voltage	VDC	24±10%					
Brake Rated Current (20°C)	A	1.17±7%					
Brake Rated Power (20°C)	W	28.0±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)
PASE165-E11015H / PASE165-E10030H / PASE165-E09850H	182	236
PASE165-E15615H / PASE165-E13730H / PASE165-E14345H	207	261