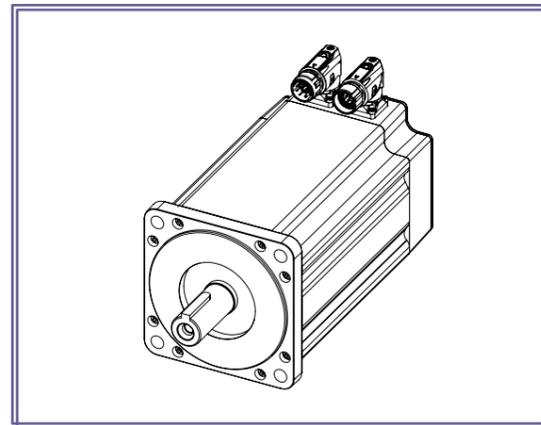
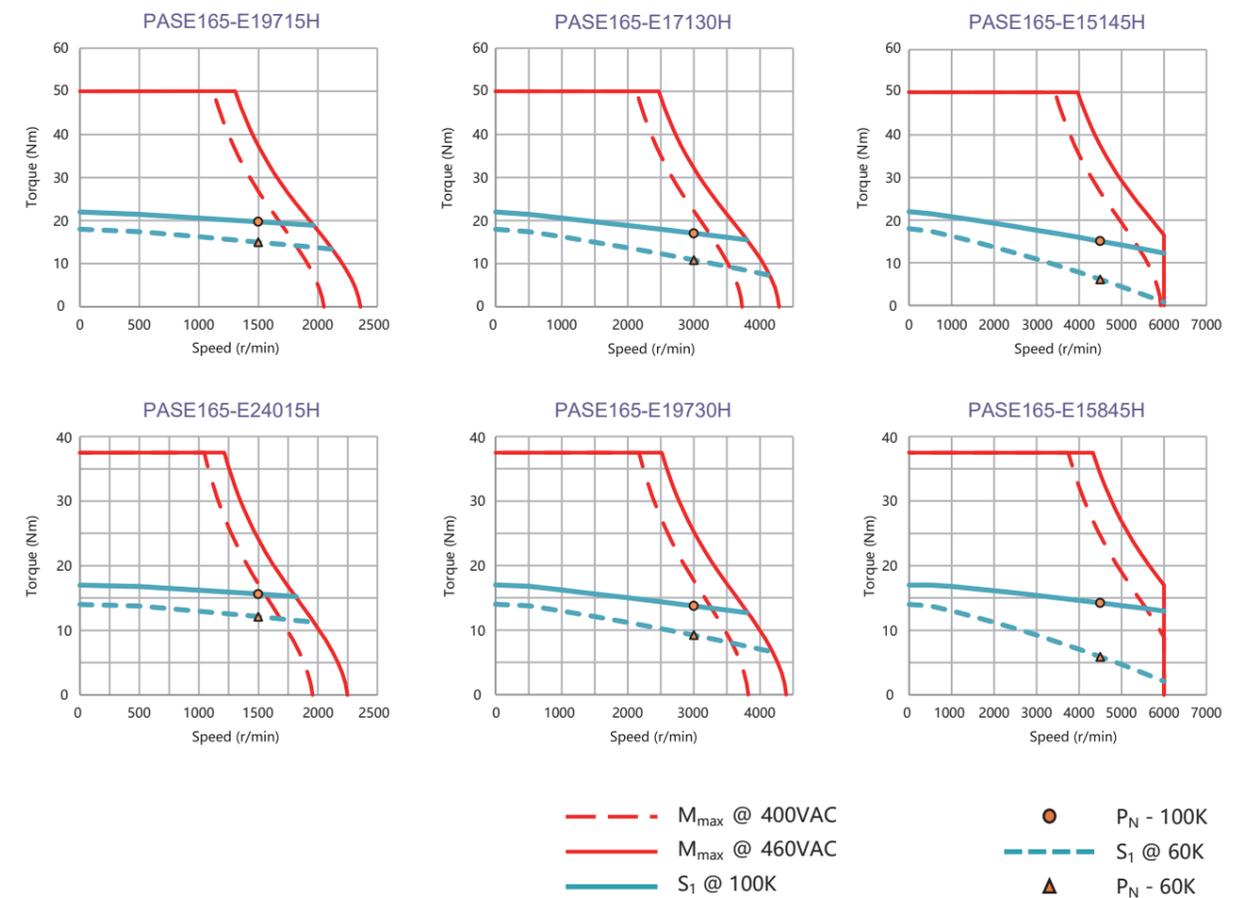


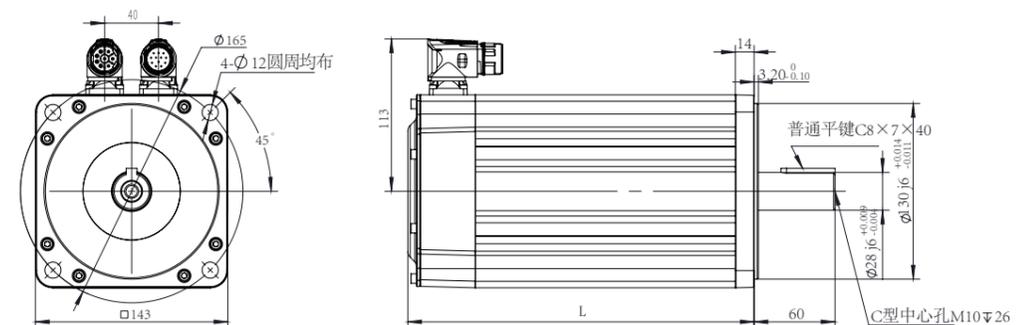
PASE165 High Performance Series 3.1~7.4KW



Torque Characteristic Diagram



Dimensions



Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE165-E19715H / PASE165-E17130H / PASE165-E15145H	232	286
PASE165-E24015H / PASE165-E19730H / PASE165-E15845H	232	286

Model	PASE165-E19715H	PASE165-E17130H	PASE165-E15145H	PASE165-E24015H	PASE165-E19730H	PASE165-E15845H	
Operating Voltage	VAC 400(380 ... 480)						
Rated Operating Point (100K)							
Rated Power (100K)	KW	3.1	5.4	7.1	3.8	6.2	7.4
Rated Speed	r/min	1500	3000	4500	1500	3000	4500
Rated Torque (100K)	N.m	19.7	17.1	15.1	24.0	19.7	15.8
Rated Current (100K)	A	7.4	11.7	16.4	8.8	14.0	17.2
Rated Voltage (100K)	VAC	360	372	340	365	352	330
Rated Operating Point (60K)							
Rated Power (60K)	KW	2.4	3.4	2.9	2.7	3.7	2.6
Rated Speed	r/min	1500	3000	4500	1500	3000	4500
Rated Torque (60K)	N.m	15.0	10.9	6.1	17.3	11.8	5.5
Rated Current (60K)	A	5.4	7.2	6.4	6.1	8.1	5.8
Rated Voltage (60K)	VAC	334	344	311	337	326	308
Limit Data							
Max. Allowable Speed (Mechanical)	r/min	6000					
Peak Torque	N.m	50.0	50.0	50.0	62.5	62.5	62.5
Peak Current	A	20	37	59	25	48	74
Peak Torque Turning Point (230VAC)	r/min	1100	2100	3400	1100	2200	3450
Motor Data							
Polar Number	Poles	4					
Torque Constant (100K)	Nm/A	2.65	1.46	0.92	2.73	1.40	0.92
Voltage Constant (20°C)	V/1krp	185	102	64	191	98	64
Winding Resistance (20°C)	Ω	2.01	0.61	0.27	1.54	0.48	0.20
Winding Inductance (20°C)	mH	41.7	12.6	5.00	35.3	9.34	4.00
Rotor Inertia (w/o brake)	10 ⁻⁴ kgm ²	12.6	12.6	12.6	15.6	15.6	15.6
Rotor Inertia (w/ brake)	10 ⁻⁴ kgm ²	14.2	14.2	14.2	17.2	17.2	17.2
Weight (w/o brake)	kg	15.6	15.6	15.6	18.6	18.6	18.6
Weight (w/ brake)	kg	18.1	18.1	18.1	21.1	21.1	21.1
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)		M40 8-Pin (Double Cable) M40 11-Pin (Single Cable)		
Feedback Connector Type	M23 12-Pin (Double Cable)						