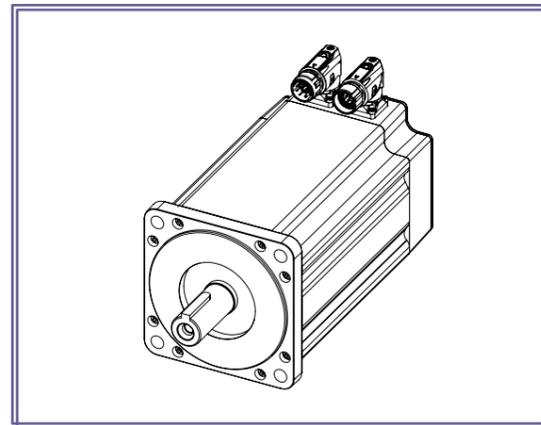


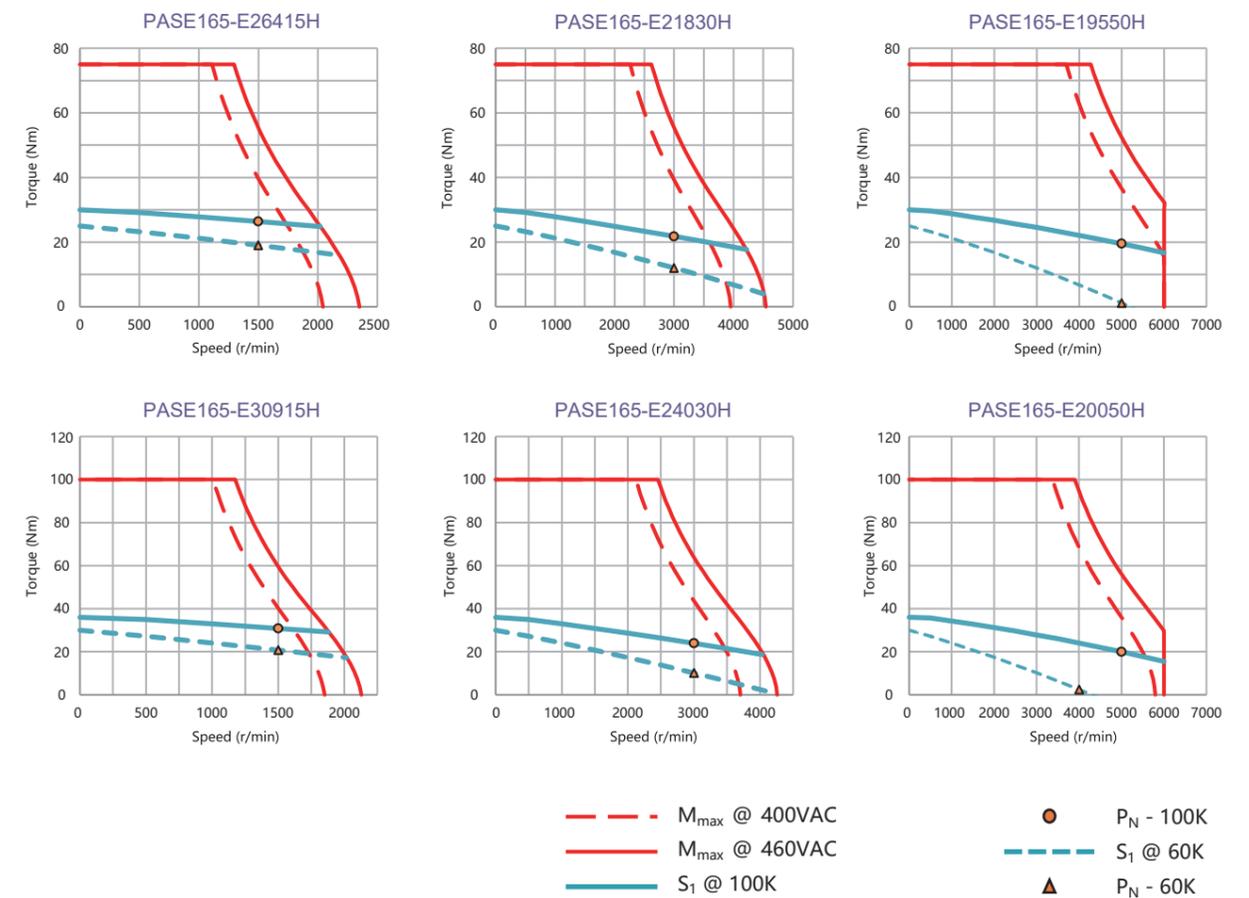
# PASE165

## High Performance

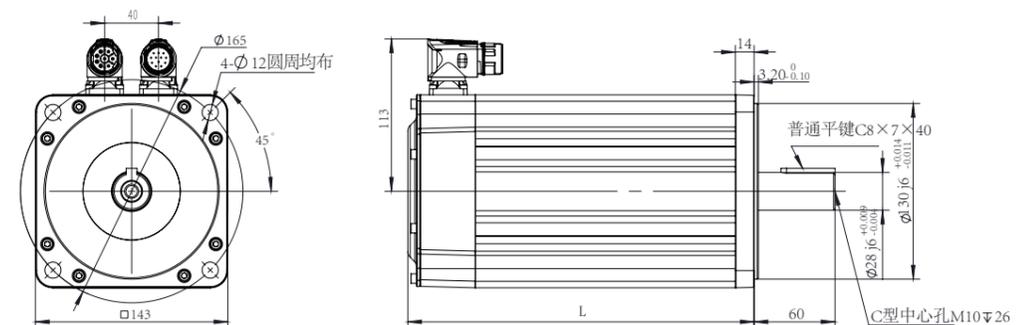
### Series 4.1~10.5KW



### Torque Characteristic Diagram



### Dimensions



Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE165-E26415H / PASE165-E21830H / PASE165-E19550H	282	336
PASE165-E30915H / PASE165-E24030H / PASE165-E20050H	332	386

Model	PASE165-E26415H	PASE165-E21830H	PASE165-E19550H	PASE165-E30915H	PASE165-E24030H	PASE165-E20050H	
Operating Voltage	VAC 400(380 ... 480)						
<b>Rated Operating Point (100K)</b>							
Rated Power (100K)	KW	4.1	6.8	10.2	4.9	7.5	10.5
Rated Speed	r/min	1500	3000	5000	1500	3000	5000
Rated Torque (100K)	N.m	26.4	21.8	19.5	30.9	24.0	20.0
Rated Current (100K)	A	9.9	15.8	22.7	10.5	16.3	21.3
Rated Voltage (100K)	VAC	351	340	343	374	352	364
<b>Rated Operating Point (60K)</b>							
Rated Power (60K)	KW	3.0	3.8	0.6	3.3	3.2	1.0
Rated Speed	r/min	1500	3000	5000	1500	3000	4000
Rated Torque (60K)	N.m	19.0	12.0	1.1	20.8	10.2	2.5
Rated Current (60K)	A	6.9	8.4	1.2	6.8	6.7	2.6
Rated Voltage (60K)	VAC	326	316	315	349	330	277
<b>Limit Data</b>							
Max. Allowable Speed (Mechanical)	r/min	6000					
Peak Torque	N.m	75.0	75.0	75.0	100.0	100.0	100.0
Peak Current	A	30	59	95	37	74	115
Peak Torque Turning Point (230VAC)	r/min	1100	2250	3700	1000	2100	3350
<b>Motor Data</b>							
Polar Number	Poles	4					
Torque Constant (100K)	Nm/A	2.66	1.38	0.86	2.94	1.47	0.94
Voltage Constant (20°C)	V/1krp	186	96	60	205	103	66
Winding Resistance (20°C)	$\Omega$	1.40	0.36	0.14	1.16	0.29	0.12
Winding Inductance (20°C)	mH	28.0	7.50	2.90	25.6	6.40	2.61
Rotor Inertia (w/o brake)	$10^{-4}kgm^2$	18.6	18.6	18.6	24.5	24.5	24.5
Rotor Inertia (w/ brake)	$10^{-4}kgm^2$	20.2	20.2	20.2	26.1	26.1	26.1
Weight (w/o brake)	kg	21.1	21.1	21.1	26.1	26.1	26.1
Weight (w/ brake)	kg	23.6	23.6	23.6	28.6	28.6	28.6
<b>Brake Data</b>							
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%					
<b>Connector Type</b>							
Power Connector Type	M23 8-Pin (Double Cable) M23 9-Pin (Single Cable)		M40 8-Pin (Double Cable) M40 11-Pin (Single Cable)		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)						