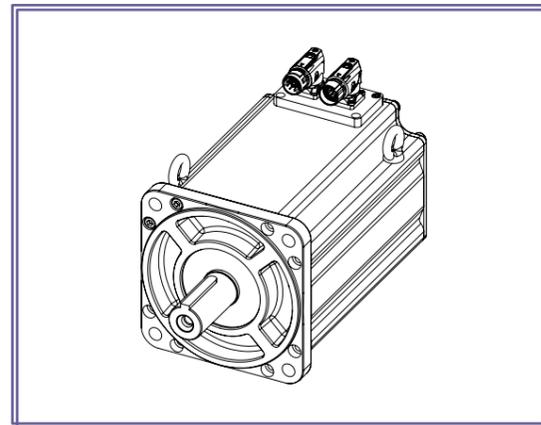
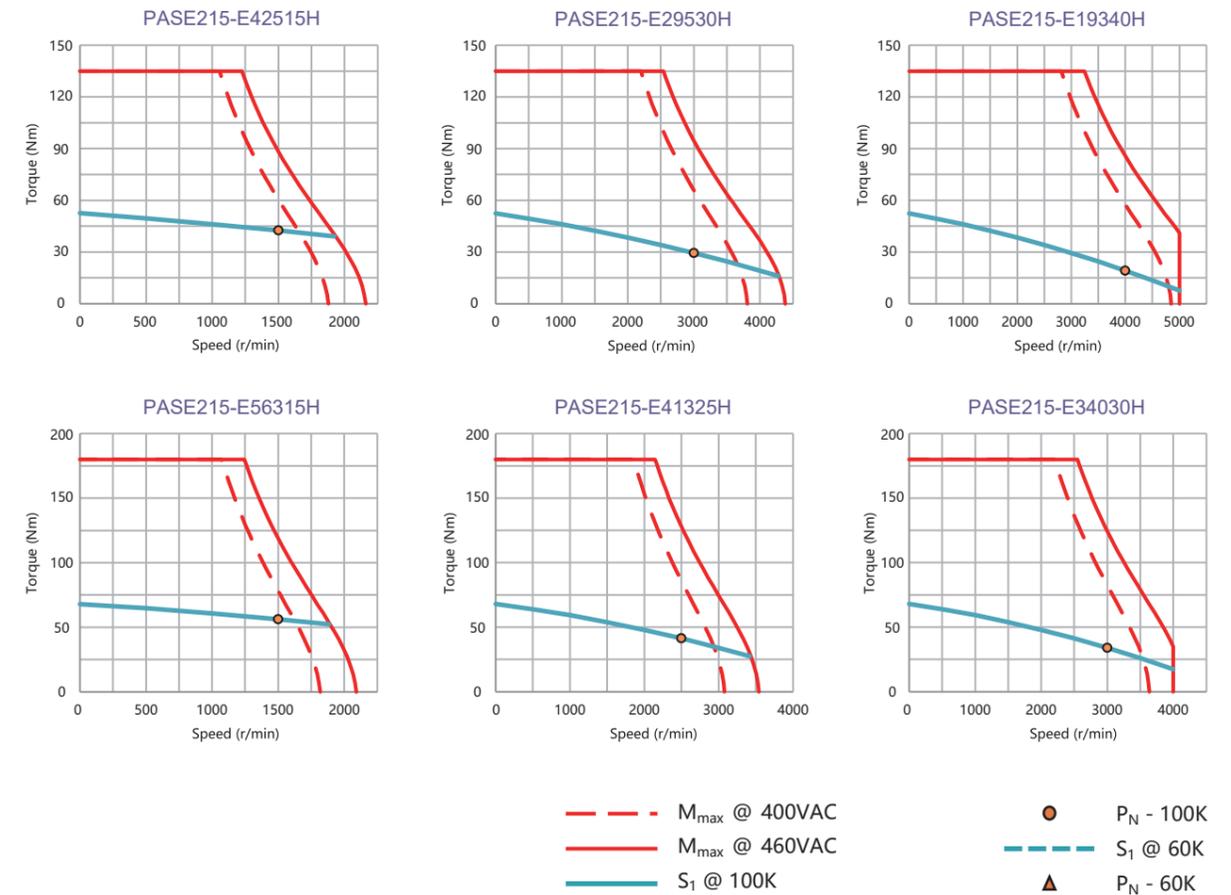


# PASE215 High Performance Series 6.7~10.7KW

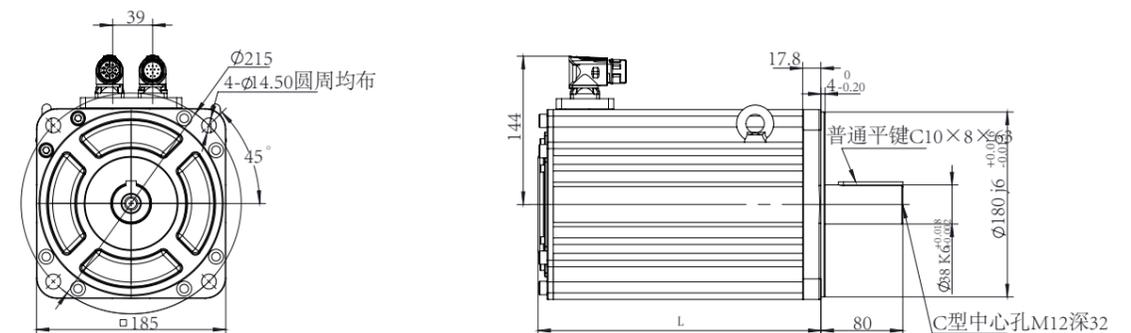


Model	PASE215-E42515H	PASE215-E29530H	PASE215-E19340H	PASE215-E56315H	PASE215-E41325H	PASE215-E34030H	
Operating Voltage	VAC 400(380 ... 480)						
<b>Rated Operating Point (100K)</b>							
Rated Power (100K)	KW	6.7	9.3	8.1	8.8	10.8	10.7
Rated Speed	r/min	1500	3000	4000	1500	2500	3000
Rated Torque (100K)	N.m	42.5	29.5	19.3	56.3	41.3	34.0
Rated Current (100K)	A	14.5	20.4	17.0	18.6	23.1	22.5
Rated Voltage (100K)	VAC	365	336	340	371	347	345
<b>Rated Operating Point (60K)</b>							
Rated Power (60K)	KW						
Rated Speed	r/min						
Rated Torque (60K)	N.m						
Rated Current (60K)	A						
Rated Voltage (60K)	VAC						
<b>Limit Data</b>							
Max. Allowable Speed (Mechanical)	r/min	5000	5000	5000	4000	4000	4000
Peak Torque	N.m	135	135	135	180	180	180
Peak Current	A	47	96	123	61	104	123
Peak Torque Turning Point (230VAC)	r/min	1050	2200	2800	1050	1850	2200
<b>Motor Data</b>							
Polar Number	Poles	4					
Torque Constant (100K)	Nm/A	2.93	1.44	1.13	3.02	1.79	1.51
Voltage Constant (20°C)	V/1krp	202	100	78	209	123	104
Winding Resistance (20°C)	Ω	0.53	0.14	0.087	0.44	0.17	0.12
Winding Inductance (20°C)	mH	18.7	4.56	2.81	13.7	4.79	3.43
Rotor Inertia (w/o brake)	10 <sup>-4</sup> kgm <sup>2</sup>	51.8	51.8	51.8	68.1	68.1	68.1
Rotor Inertia (w/ brake)	10 <sup>-4</sup> kgm <sup>2</sup>	58.1	58.1	58.1	74.4	74.4	74.4
Weight (w/o brake)	kg	35.0	35.0	35.0	40.4	40.4	40.4
Weight (w/ brake)	kg	42.0	42.0	42.0	55.0	55.0	55.0
<b>Brake Data</b>							
Brake Type	Permanent magnet type						
Brake Backlash Max.	arcmin	0					
Static Torque (20°C)	N.m	60.0					
Rated Voltage	VDC	24±10%					
Brake Rated Current (20°C)	A	2.1±7%					
Brake Rated Power (20°C)	W	50±7%					
<b>Connector Type</b>							
Power Connector Type	M23 8-Pin (Double Cable) M23 9-Pin (Single Cable)	M40 8-Pin // Junction box (Double Cable) M40 11-Pin (Single Cable)	M23 8-Pin (Double Cable) M23 9-Pin (Single Cable)	M40 8-Pin // Junction box (Double Cable) M40 11-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)
PASE215-E42515H / PASE215-E29530H / PASE215-E19340H	276.3	361.6
PASE215-E56315H / PASE215-E41325H / PASE215-E34030H	326.3	411.6