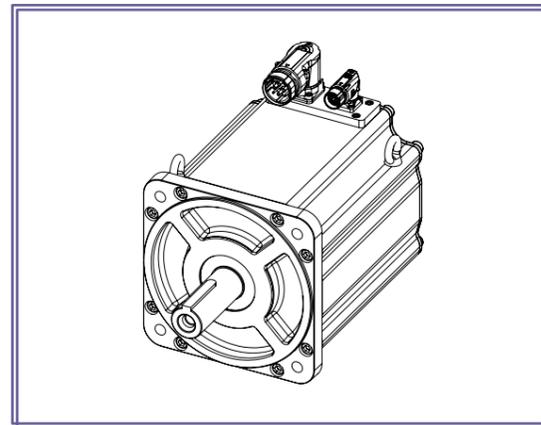


# PASE300

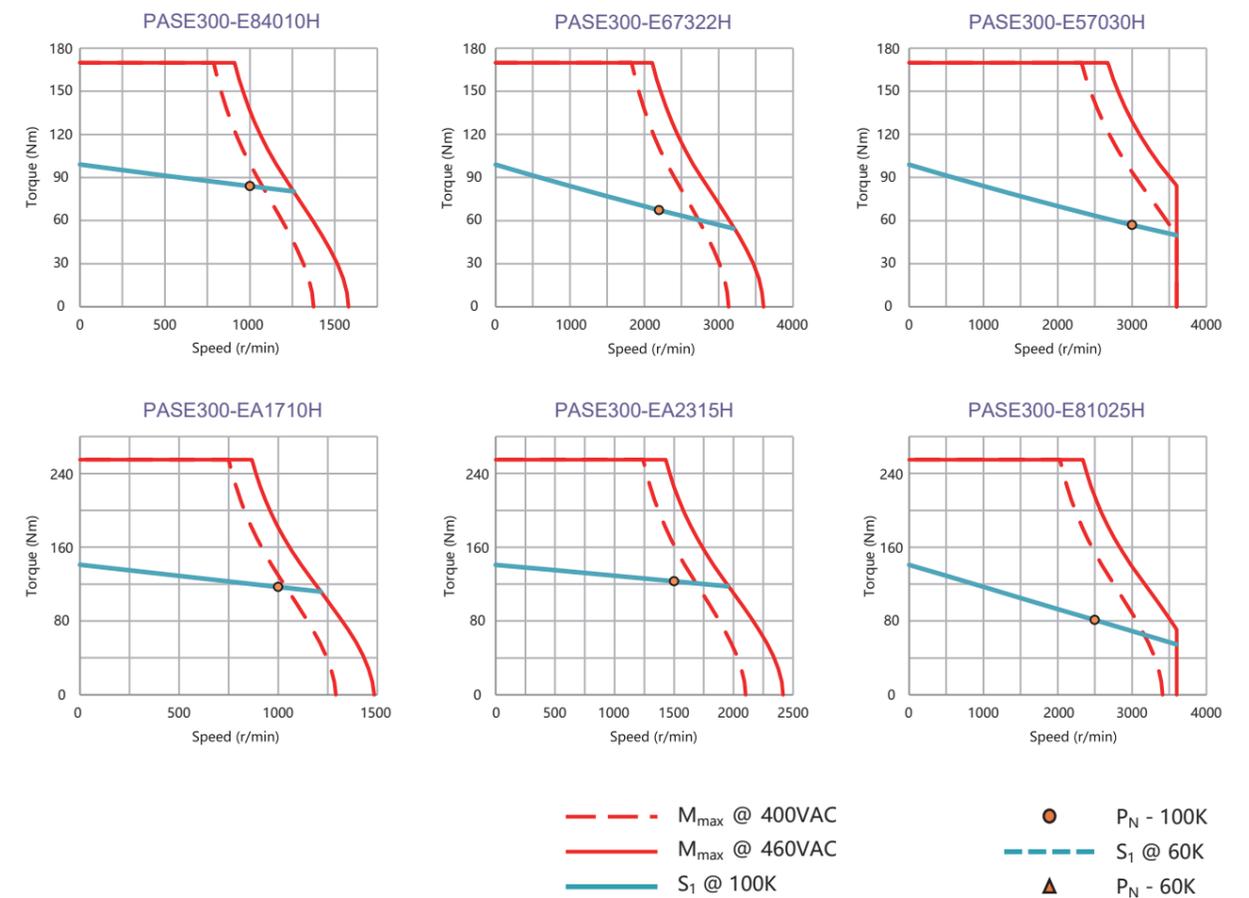
## High Performance

### Series 8.8~21.2KW

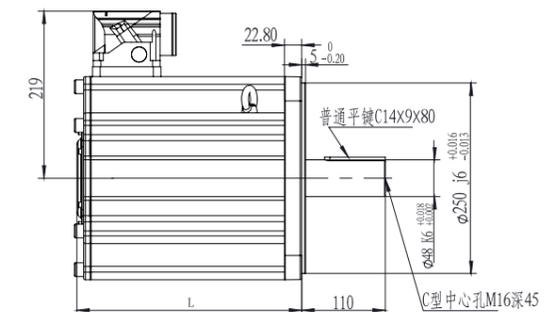
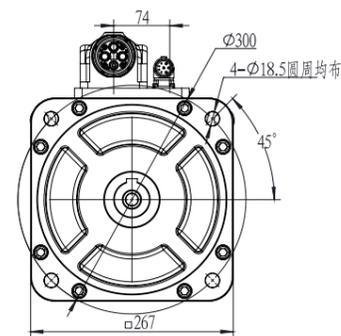


Model	PASE300-E84010H	PASE300-E67322H	PASE300-E57030H	PASE300-EA1710H	PASE300-EA2315H	PASE300-E81025H	
Operating Voltage	VAC 400(380 ... 480)						
<b>Rated Operating Point (100K)</b>							
Rated Power (100K)	KW	8.8	15.5	17.9	12.3	19.3	21.2
Rated Speed	r/min	1000	2200	3000	1000	1500	2500
Rated Torque (100K)	N.m	84.0	67.3	57.0	117	123	81.0
Rated Current (100K)	A	21.4	39.0	41.8	27.5	47.1	50.3
Rated Voltage (100K)	VAC	373	332	343	386	359	328
<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	3600					
Peak Torque	N.m	170	170	170	255	255	255
Peak Current	A	46	106	134	65	107	173
Peak Torque Turning Point (230VAC)	r/min	750	1800	2300	750	1200	2000
<b>Motor Data</b>							
Polar Number	Poles	4					
Torque Constant (100K)	Nm/A	3.93	1.72	1.36	4.25	2.61	1.61
Voltage Constant (20°C)	V/1krp	276	121	96	294	181	111
Winding Resistance (20°C)	Ω	0.35	0.072	0.045	0.27	0.10	0.040
Winding Inductance (20°C)	mH	27.1	5.21	3.26	20.5	7.73	2.93
Rotor Inertia (w/o brake)	10 <sup>-4</sup> kgm <sup>2</sup>	163	163	163	239	239	239
Rotor Inertia (w/ brake)	10 <sup>-4</sup> kgm <sup>2</sup>	192	192	192	268	268	268
Weight (w/o brake)	kg	58	58	58	76	76	76
Weight (w/ brake)	kg	80	80	80	98	98	98
<b>Brake Data</b>							
Brake Type	Mechanical spring pressurized type						
Brake Backlash Max.	arcmin	30					
Static Torque (20°C)	N.m	235					
Rated Voltage	VDC	24±10%					
Brake Rated Current (20°C)	A	3.5±7%					
Brake Rated Power (20°C)	W	85±7%					
<b>Connector Type</b>							
Power Connector Type	M40 8-Pin / Junction Box		M58 / Junction Box	M40 8-Pin / Junction Box		M58 / Junction Box	
Feedback Connector Type	M23 12-Pin						

### Torque Characteristic Diagram



### Dimensions



Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE300-E84010H / PASE300-E67322H / PASE300-E57030H	246	381
PASE300-EA1710H / PASE300-EA2315H / PASE300-E81025H	296	431