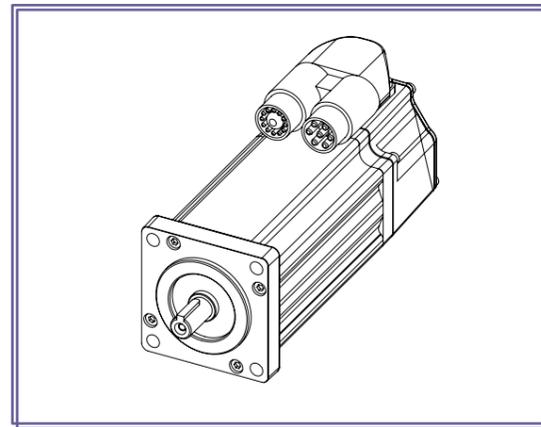
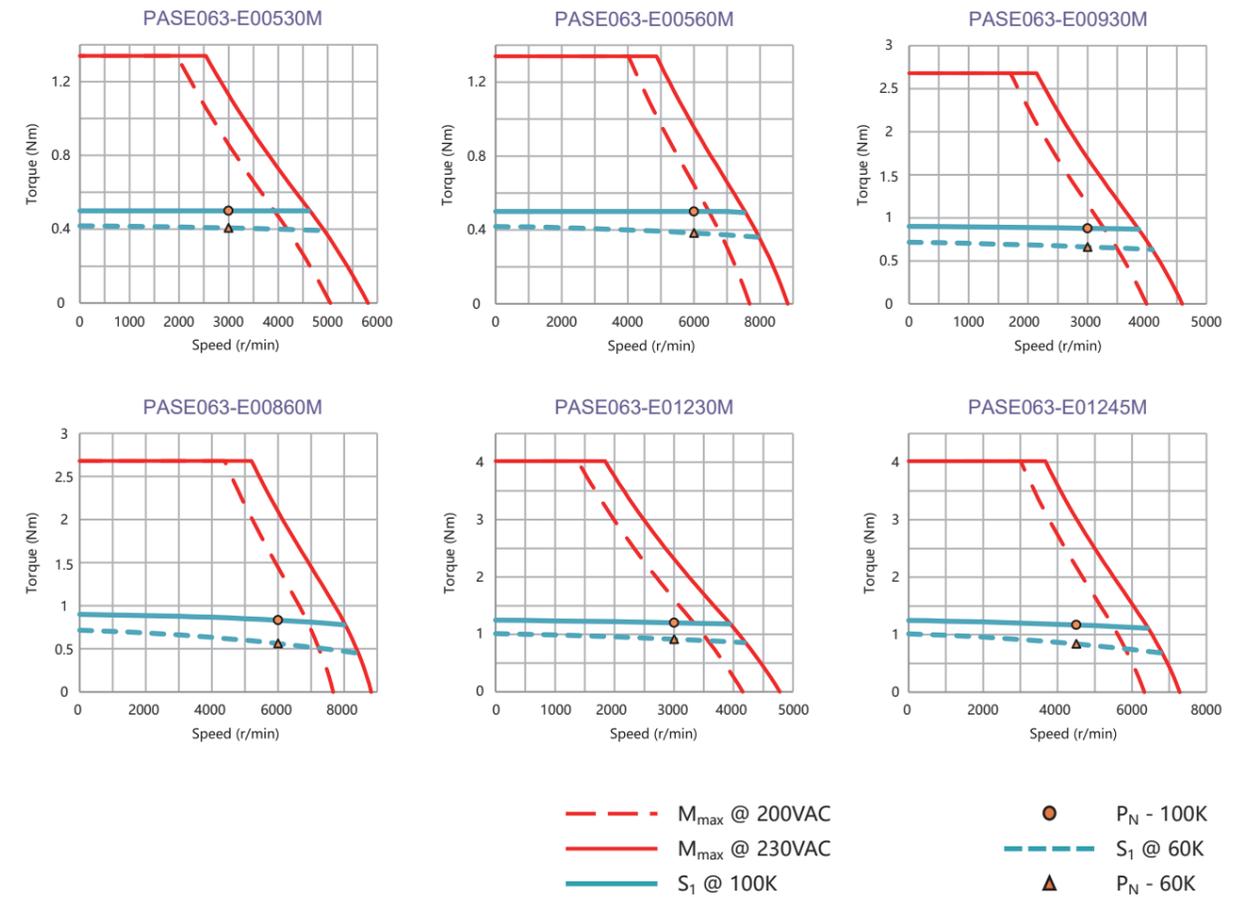


PASE063 High Performance Series

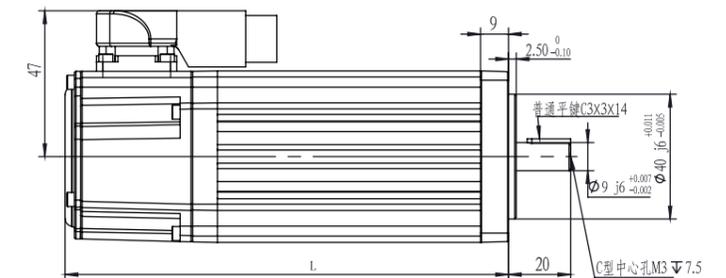
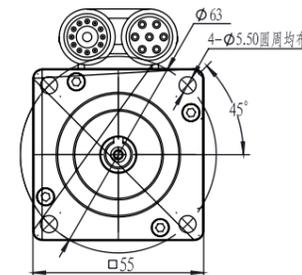


Model	PASE063-E00530M	PASE063-E00560M	PASE063-E00930M	PASE063-E00860M	PASE063-E01230M	PASE063-E01245M	
Operating Voltage	VAC 230(200 ... 250)						
Rated Operating Point (100K)							
Rated Power (100K)	KW	0.16	0.31	0.28	0.52	0.38	0.55
Rated Speed	r/min	3000	6000	3000	6000	3000	4500
Rated Torque (100K)	N.m	0.50	0.50	0.88	0.83	1.20	1.17
Rated Current (100K)	A	0.94	1.44	1.31	2.38	1.86	2.76
Rated Voltage (100K)	VAC	162	188	186	177	183	168
Rated Operating Point (60K)							
Rated Power (60K)	KW	0.13	0.24	0.13	0.24	0.29	0.40
Rated Speed	r/min	3000	6000	3000	6000	3000	4500
Rated Torque (60K)	N.m	0.41	0.38	0.41	0.38	0.92	0.84
Rated Current (60K)	A	0.77	1.09	0.66	0.56	0.66	0.56
Rated Voltage (60K)	VAC	153	179	176	169	173	160
Limit Data							
Max. Allowable Speed (Mechanical)	r/min	10000					
Peak Torque	N.m	1.34	1.34	2.68	2.68	4.02	4.02
Peak Current	A	2.7	4.1	4.3	8.2	6.6	10.1
Peak Torque Turning Point (230VAC)	r/min	2500	4850	2100	5200	1800	3650
Motor Data							
Polar Number	Poles	4					
Torque Constant (100K)	Nm/A	0.53	0.35	0.67	0.35	0.65	0.42
Voltage Constant (20°C)	V/1krp	38	25	48	25	46	30
Winding Resistance (20°C)	Ω	29.6	12.2	16.4	4.26	13.3	5.50
Winding Inductance (20°C)	mH	37.3	16.1	31.8	8.63	20.9	9.00
Rotor Inertia (w/o brake)	10 ⁻⁴ kgm ²	0.09	0.09	0.17	0.17	0.25	0.25
Rotor Inertia (w/ brake)	10 ⁻⁴ kgm ²	0.14	0.14	0.22	0.22	0.30	0.30
Weight (w/o brake)	kg	1.0	1.0	1.4	1.4	1.7	1.7
Weight (w/ brake)	kg	1.4	1.4	1.7	1.7	2.0	2.0
Brake Data							
Brake Type	Permanent magnet type						
Brake Backlash Max.	arcmin	0					
Static Torque (20°C)	N.m	1.0					
Rated Voltage	VDC	24±10%					
Brake Rated Current (20°C)	A	0.42±7%					
Brake Rated Power (20°C)	W	10±7%					
Connector Type							
Power Connector Type	M15 9-Pin (Double Cable)		M23 9-Pin (Single Cable)				
Feedback Connector Type	M15 12-Pin (Double Cable)						

Torque Characteristic Diagram



Dimensions



Model Number	Motor Length L (w/o Brake)	Motor Length L (w/ Brake)
PASE063-E00530M / PASE063-E00560M	117.6	145
PASE063-E00930M / PASE063-E00860M	142.6	170
PASE063-E01230M / PASE063-E01245M	167.6	195