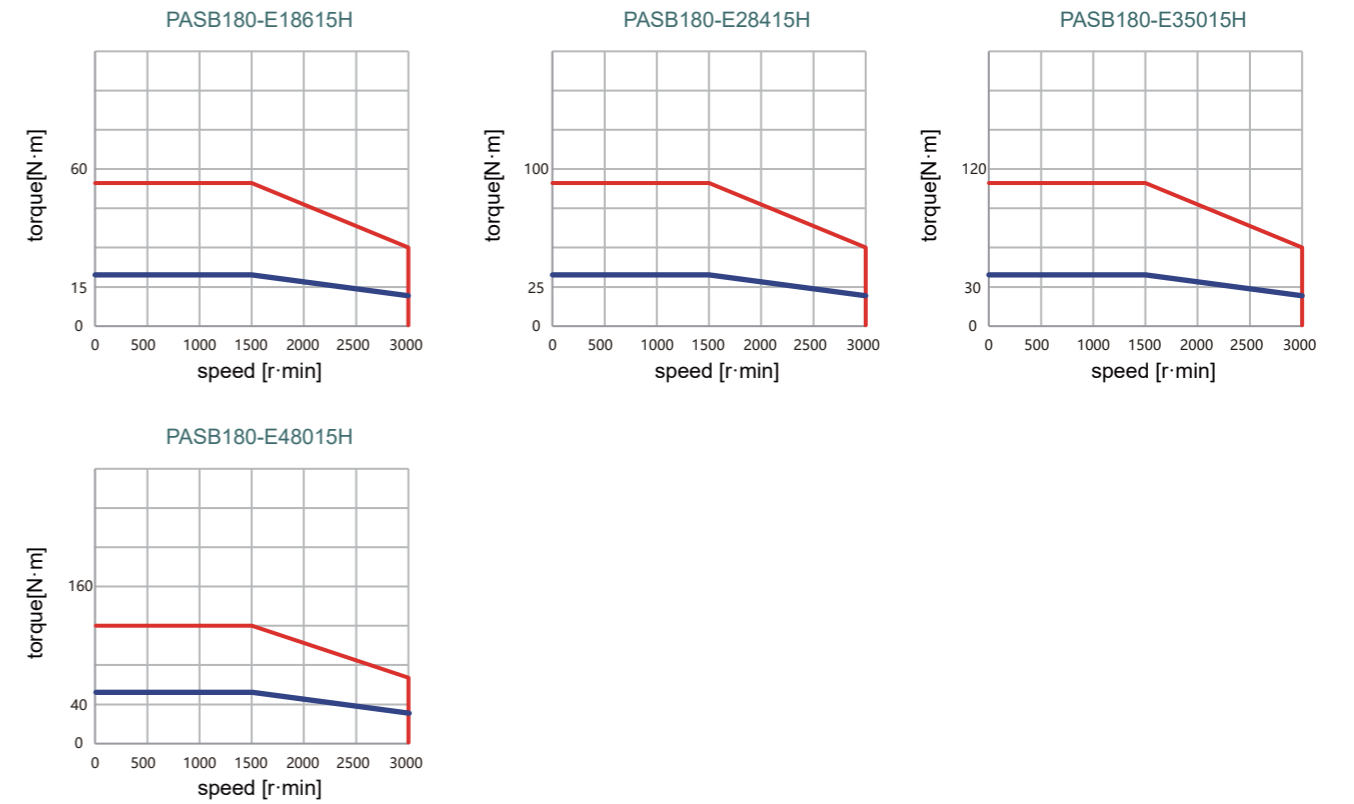


# PASB180 High Inertia Series



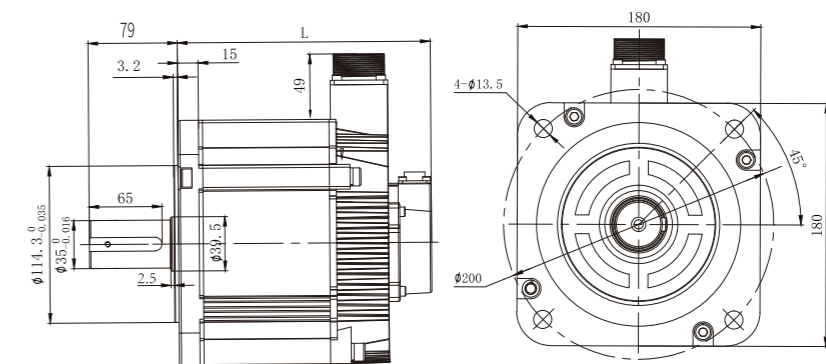
Model		PASB180-E18615H	PASB180-E28415H	PASB180-E35015H	PASB180-E48015H											
Rated Power	KW	2.9	4.4	5.5	7.5											
Rated Voltage	VAC	380	380	380	380											
Rated Current	A	11.9	16.5	20.8	26											
Rated Torque	N.m	18.6	28.4	35	48											
Rated Speed	r/min	1500	1500	1500	1500											
Peak Current	A	35.7	49.5	62.4	65											
Peak Torque	N.m	55.8	85.2	105	120											
Peak Speed	r/min	3000	3000	3000	3000											
Voltage Constant	V/1000r/min	100	104	100	106											
Torque Coefficient	N.m/A	1.4	1.72	1.68	1.85											
Line-Line Resistance	$\Omega$	0.35	0.31	0.18	0.19											
Line-Line Inductance	mH	4.3	3.7	2.3	2.3											
Electrical Time-Constant	ms	12.3	11.9	12.8	12.1											
Rotor Inertia	$\text{kg}\cdot\text{m}^2 \times 10^{-4}$	63.5	88.5	114.4	136.6											
Weight	kg	16.7	21.1	25.6	30.8											
Number Of Pole Pairs	5 Pairs															
Insulation Class	Class F															
Protection Class	IP65(IP67 optional)															
Environment	Ambient Temperature:-20-50°C/Ambient Humidity~90%(No Frosting Condition)															
Encode Resolution	2500CPR(Absolute encoder available)															
Winding Socket	Winding Wire	PE	U	V	W											
	Socket Number	1	2	3	4											
Encoder Socket (Absolute Type)	Signal Pin Definition	PE	5V	0V	SD+	SD-	VB+	VB-								
	Male Pin Number	1	2	3	4	5	6	7								
Encoder Socket (Incremental Type)	Signal Pin Definition	Shield	5V	0V	B+	Z-	U+	Z+	U-	A+	V+	W+	V-	A-	B-	W-
	Male Pin Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

## Torque Characteristic Diagram



Dimensions		2.9KW	4.4KW	5.5KW	7.5KW
L	Without Brake (mm)	184	211	239	263
L	With Brake (mm)	231	258	286	310

### Without Brake



### With Brake

