

SB Series AC Servo Motor



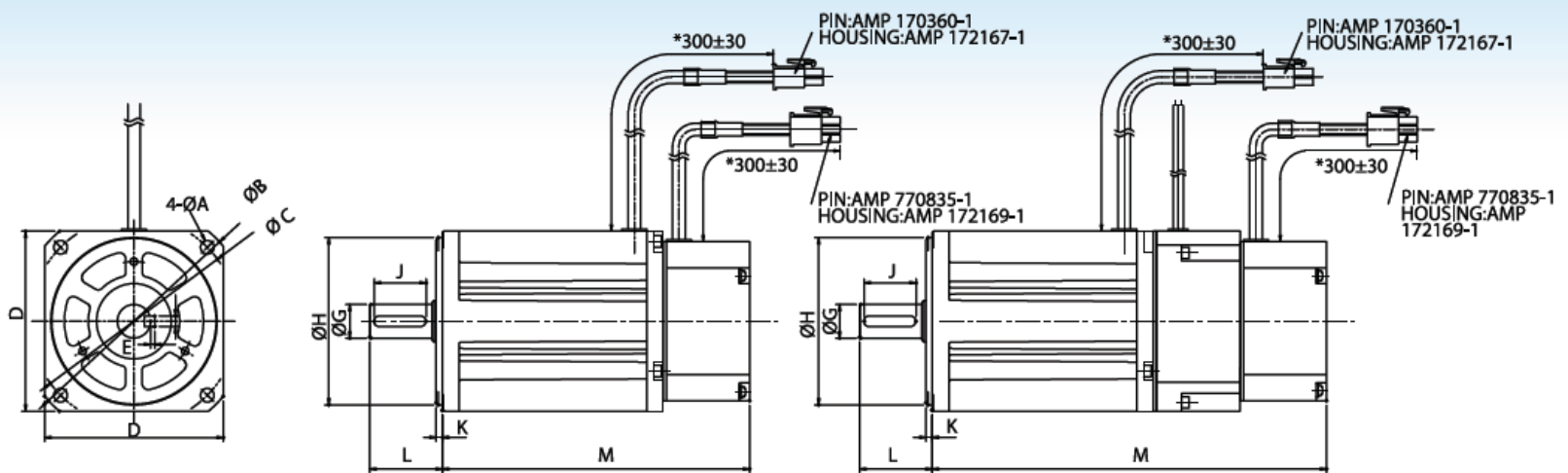
Specifications

SB Series AC Servo Motor, Frame Size 76 mm

Motor Type			
Item	Unit	VA763030SB	
Rated Output	W	300	
Amplifier Type		TSTA15C	
Rated terminal voltage	V	107.7	
Rated Torque	N m	0.95	
Rated Current	A	2	
Rated Speed	rpm	3000	
Peak Torque	N m	2.861	
Peak Current	A	6.0	
Torque Constant	N m/A	0.524	
Voltage Constant	V/K rpm	54.9	
Inertia (GD ² /4)	Kg cm	0.671	
Resistance	Ω	8.37	
Inductance	mH	17.4	
Mechanical Time Constant	ms	1.96	
Electrical Time Constant	ms	2.05	
Weight (standard)	Kg	1.82	
Speed Detector	Optical Encoder(INC: 2000P/R, ABS: 2048P/R)		
Time	Continuous		
Insulation class	F (155°C)		
Insulation Voltage	AC 1500V at 1 minute		
Insulation resistance	DC 500V Above 10 MΩ		
Structure	Fully closed		
Shockproofness	Below 2.5G		
Altitude	Under 1000m		
Temperature Humidity	Temperature: 0~40, Humidity: Below 90%RH (No Frosting)		
Temp. Humidity for storage	Temperature: -20 ~60, Humidity: Below 90%RH (No Frosting)		
Color	N 1.5		
Fixing Mode	Flange		



Outline Drawing



	Motor Type	A	B	C	D	E	F	G	H	J	K	L	M		
With Brake		Φ5.5	Φ100	Φ90	76	2	5	Φ14	Φ70	20	3	35	151.5		
		Φ6.5	Φ112	Φ100	86	2	5	Φ16	Φ80	25	3	35	190		
Non Brake		Φ5.5	Φ100	Φ90	76	2	5	Φ14	Φ70	20	3	30	113.5		
		Φ6.5	Φ112	Φ100	86	2	5	Φ16	Φ80	25	3	35	148		

