

SC Series AC Servo Motor



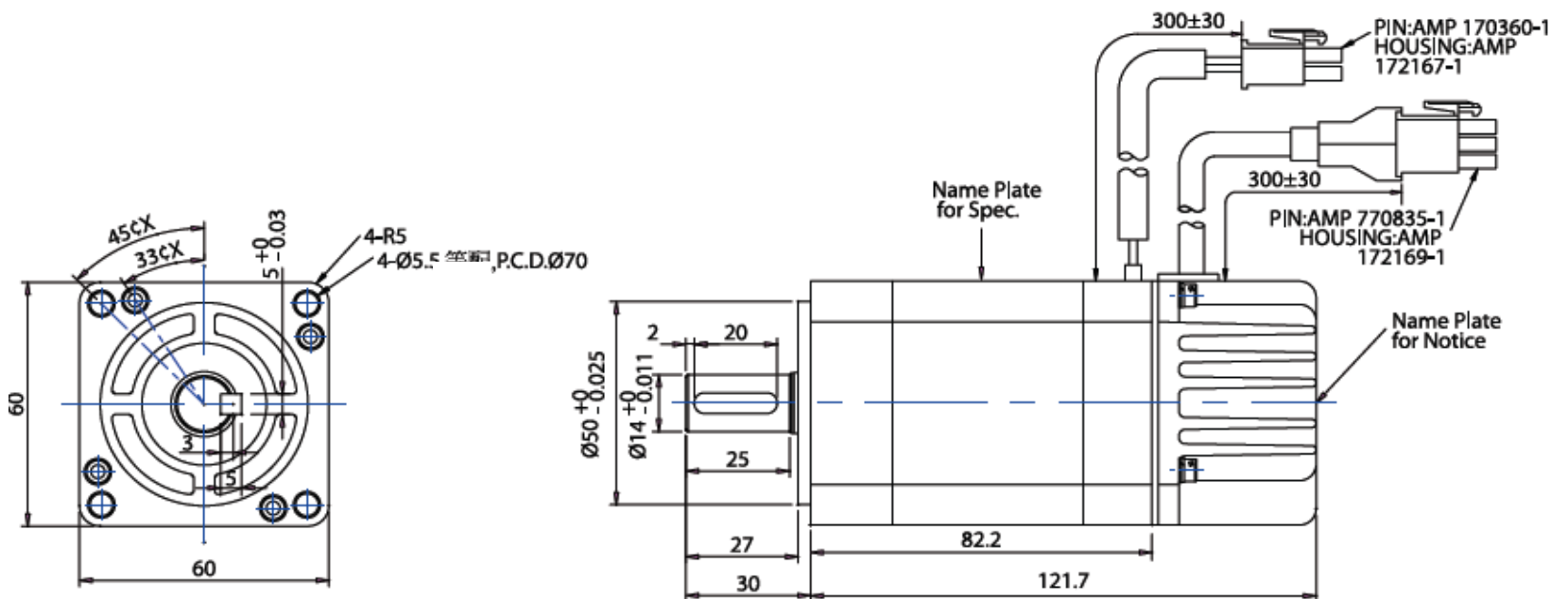
Specifications

SCSeries AC Servo Motor - Frame Size 60mm

Item	Motor Type	Unit	VA604030SC
Rated Output		W	400
Amplifier Type			TSTA20C
Rated terminal voltage		V	77.53
Rated Torque		N m	1.274
Rated Current		A	3.5
Rated Speed		rpm	3000
Peak Torque		N m	3.822
Peak Current		A	10.5
Torque Constant		N m/A	0.39
Voltage Constant		V/K rpm	40.4
Inertia (GD ² /4)		Kg cm	0.277
Resistance		Ω	2.94
Inductance		mH	5.7
Mechanical Time Constant		ms	1.97
Electrical Time Constant		ms	1.94
Length		mm	121.7
Weight (standard)		Kg	1.44
Speed Detector	Optics Encoder(INC: 2000P/R, ABS: 2048P/R)		
Time	Continuous		
Insulation class	F		
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



VA604030SC

TSC06-401C

