

# SC Series AC Servo Motor



## Specifications

### SCSeries AC Servo Motor - Frame Size 80mm

Item	Motor Type	Unit	VA807530SC
Rated Output		W	750
Amplifier Type			TSTA30C
Rated terminal voltage		V	105.3
Rated Torque		N m	2.386
Rated Current		A	4.4
Rated Speed		rpm	3000
Peak Torque		N m	7.159
Peak Current		A	13.8
Torque Constant		N m/A	0.6
Voltage Constant		V/K rpm	63
Inertia ( GD <sup>2</sup> /4)		Kg cm	0.9
Resistance		Ω	1.7
Inductance		mH	7
Mechanical Time Constant		ms	0.4
Electrical Time Constant		ms	4
Length		mm	
Weight ( standard)		Kg	2.5
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		



Above data for reference only.

