



Servo Model: OCS215 Datasheet



SN	Electrical Specification:		
1	Model	OS5103B	
2	Input Voltage Range (VDC)	4.8V-6V	
		Specs@6V	Specs@7.4V
3	Rated Operating Voltage (VDC)	6	7.4
4	No Load Speed (RPM)	0.16sec/60 Degree	0.14 sec/60 Degree
5	No Load Running Current (mA)	130	150
6	Stall Torque (Kg.Cm)	17	19.5
7	Stall Current (A)	2 A	2.5 A
8	Idle Current (mA)	5mA	6mA
Mechanical Specification:			
9	Size (L x W x H) mm	45.2x 24.7x 35	
10	Case material	Plastic	
11	Gear material	Metal Gear	
12	Bearing type	2 Ball bearings	
13	Angle Sensor	No limit	
14	Connector and Cable	Cable Length: 20 cm	
		Connector: JR	
15	Pin Definition	1.Black: GND	
		2.Red: VCC	
		3.White: Signal	
16	Horn Type	Aluminum	
17	Operating Travel	180°	
18	Temperature protection	>70°C	

Schematic Drawing:

