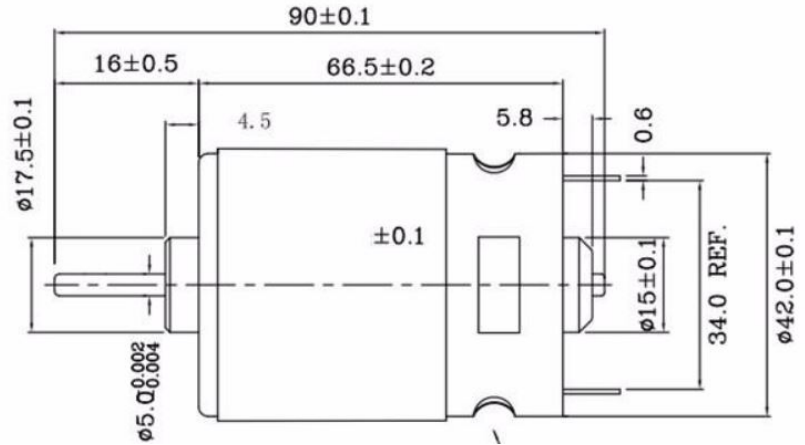


# JSumo DC Motor Datasheet



MODEL	JOHNSON 14.4V 16000 RPM	
Type	DC Motor	
	Value	Units
Nominal Voltage:	14.4	Volt
Watt:	100	Watt
RPM:	16000	Rev/Min.
Gear Ratio:	0	ul
Continous Torque @14.4V	1.9	kg-cm
Stall Torque @6V	9.8	kg-cm
Dimensions:	90 x 44.5 (Dia.)	mm
Mass:	316	gr.
No Load Current @14.4V	1.8	A
Stall Current @14.4V	49.5	A
Shaft Type	Circular	-
Shaft Diameter Ø	5	mm
Shaft Length	16	mm

**COMMENTS:** SUITABLE FOR COMBAT ROBOT'S WEAPON MECHANISMS AND SUMO ROBOTS WITH CUSTOM MADE HIGH GEAR RATIO. MOTOR DRIVER MUST BE CHOSEN CAREFULLY FOR SUPPORTING STALL CURRENT.