

RB-Hit-114

HS-45HB Micro Servo Motor



The HS-45HB Micro Servo Motor offers the economy and durability of our other famous micro servos, but now with a ball bearing supported output shaft and Karbonite gears.

Specifications:

- Motor type: 3 Pole
- Bearing type: Top ball bearing
- Speed (4.8V/6.0V): 0.14 / 0.12 sec @ 60 deg.
- Torque oz./in. (4.8V/6.0V): 14 / 17
- Torque kg./cm. (4.8V/6.0V): 1.0 / 1.2
- Size in Inches: 0.92 x 0.38 x 0.88
- Size in Millimeters: 23.37 x 9.65 x 22.35
- Weight ounces: 0.28
- Weight grams: 7.94

Advanced Servo Specifications:

- Control System: +Pulse Width Control 1500usec Neutral
- Operating Voltage Range: 4.8V - 6V
- Operating Temperature Range: -20°C to +60°C (-4°F to +140°F)
- Idle Current: 8mA
- No Load Running Current (4.8V/6.0V): 100mA/60°
- Stall Current (4.8V/6.0V): 440mA
- Dead Band Width: 5usec
- Potentiometer Type: 2 Slider/Direct Drive
- Connector Wire Length: 250mm (9.84 in)
- Connector Wire Gauge: 28AWG