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ServoCity- Servos &amp; Accessories- Hitec Servos- HS-475HB Super Pro BB-

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## HS-475HB Super Pro BB

MAXIMUM TORQUE 76 oz-in.

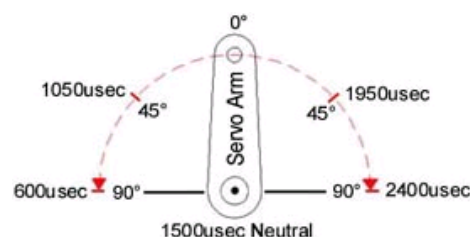
MAXIMUM SPEED 0.18 sec/60°

The HS-475HB has been discontinued and was replaced with the new [HS-485HB](#) servo.

Analog Servo



Uses C1 Standard Spline

[Click for more information](#)

This servo can operate 180° when given a pulse signal ranging from 600µsec to 2400µsec. Since most R/C controllers cannot generate this wide of signal range, you will need to purchase our [servo stretcher](#) for 180° operation.

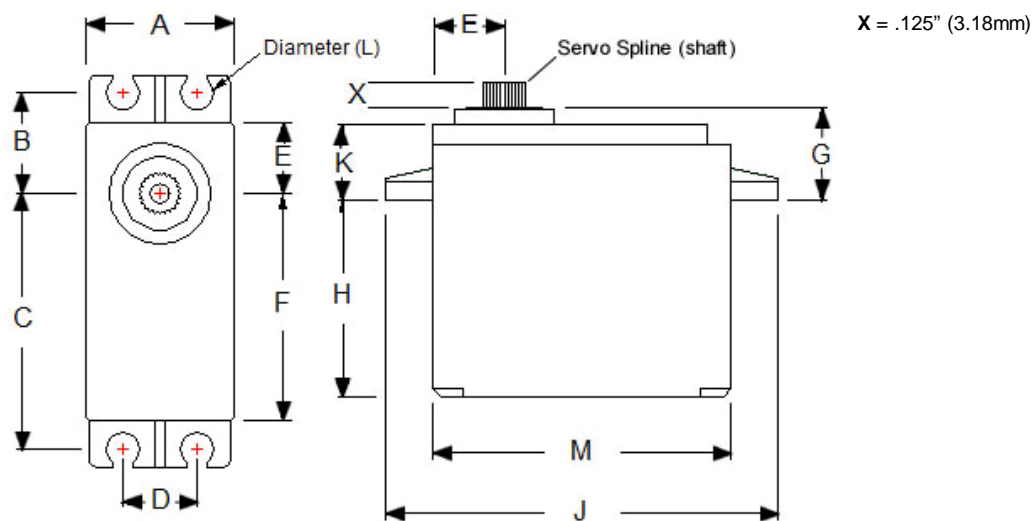
## Detailed Specifications

**Control System:** +Pulse Width Control 1500µsec Neutral**Required Pulse:** 3-5 Volt Peak to Peak Square Wave**Operating Voltage:** 4.8-6.0 Volts**Operating Temperature Range:** -20 to +60 Degree C**Operating Speed (4.8V):** 0.23sec/60° at no load**Operating Speed (6.0V):** 0.18sec/60° at no load**Stall Torque (4.8V):** 61 oz/in. (4.3kg.cm)**Stall Torque (6.0V):** 76 oz/in. (5.5kg.cm)**Operating Angle:** 45 Deg. one side pulse traveling 400µsec**360 Modifiable:** Yes**Direction:** Clockwise/Pulse Traveling 1500 to 1900µsec**Current Drain (4.8V):** 8mA/idle and 150mA no load operating**Current Drain (6.0V):** 8.8mA/idle and 180mA no load operating**Dead Band Width:** 8µsec**Motor Type:** 3 Pole Ferrite Motor**Potentiometer Drive:** Indirect Drive**Bearing Type:** Top Ball Bearing, Lower Bushing**Gear Type:** Karbonite Gears**Connector Wire Length:** 11.81" (300mm)**Dimensions:** See Schematic**Weight:** 1.4oz (39g)Price: **\$17.99**

Part: 33475S

Status: Discontinued see [HS-485HB](#)Rotation: Direction: Qty: 

**A** = .780" (19.82mm)  
**B** = .560" (14.25mm)  
**C** = 1.31" (33.35mm)  
**D** = .390" (9.90mm)  
**E** = .390" (9.92mm)  
**F** = 1.13" (28.68mm)  
**G** = .427" (10.85mm)  
**H** = 1.05" (26.67mm)  
**J** = 2.09" (53.09mm)  
**K** = .370" (9.40mm)  
**L** = .174" (4.42mm)  
**M** = 1.53" (39.00mm)



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