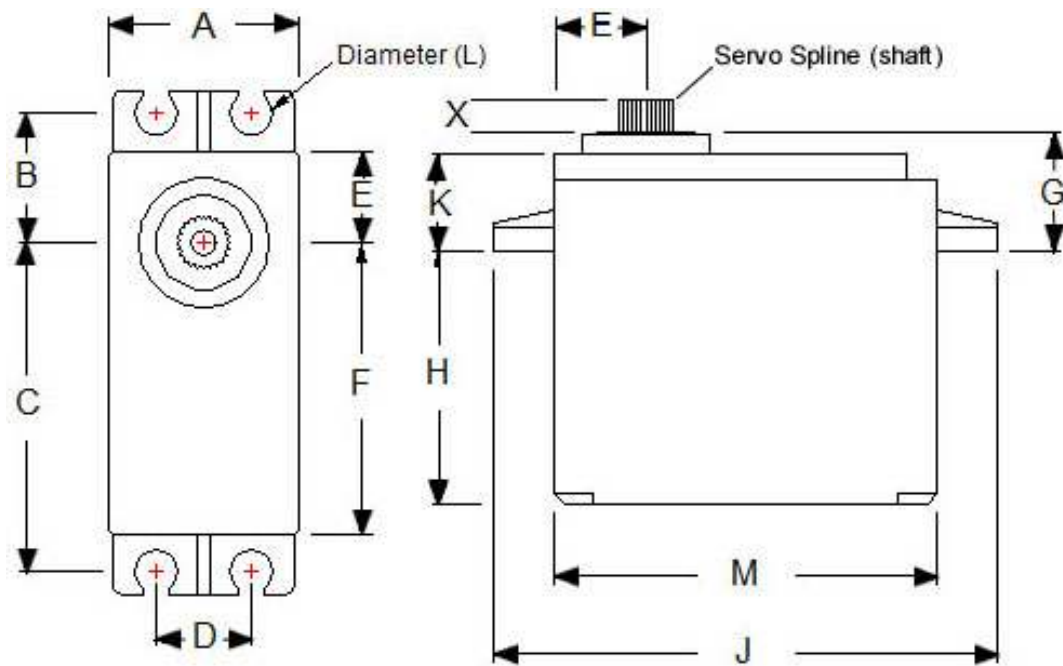


SPECIFICATION

- Control System: +Pulse Width Control 1500usec 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): 0.21sec/60° at no load
- Operating Speed (6.0V): 0.16sec/60° at no load
- Stall Torque (4.8V): 45.82 oz/in. (3.3kg.cm)
- Stall Torque (6.0V): 56.93 oz/in. (4.1kg.cm)
- Operating Angle: 45 Deg. one side pulse traveling 400usec
- 360 Modifiable: Yes
- Direction: Clockwise/Pulse Traveling 1500 to 1900usec
- 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: 8usec
- Motor Type: 3 Pole Ferrite
- Potentiometer Drive: Indirect Drive
- Bearing Type: Dual Oilite Bushing
- Gear Type: Nylon
- Connector Wire Length: 11.81" (300mm=11.81in)
- Dimensions: See Schematics
- Weight: 1.6oz (45.5g)





- A** = .780" (19.82mm=0.78in)
- B** = .530" (13.47mm=0.53in)
- C** = 1.33" (33.79mm=1.33in)
- D** = .400" (10.17mm=0.4in)
- E** = .380" (9.66mm=0.38in)
- F** = 1.19" (30.22mm=1.19in)
- G** = .460" (11.68mm=0.46in)
- H** = 1.05" (26.67mm=1.05in)
- J** = 2.08" (52.84mm=2.08in)
- K** = .368" (9.35mm=0.37in)
- L** = .172" (4.38mm=0.17in)
- M** = 1.57" (39.88mm=1.57in)
- X** = .120" (3.05mm=0.12in)

SHIPPING LIST

- Hitec HS422 Servo x1