
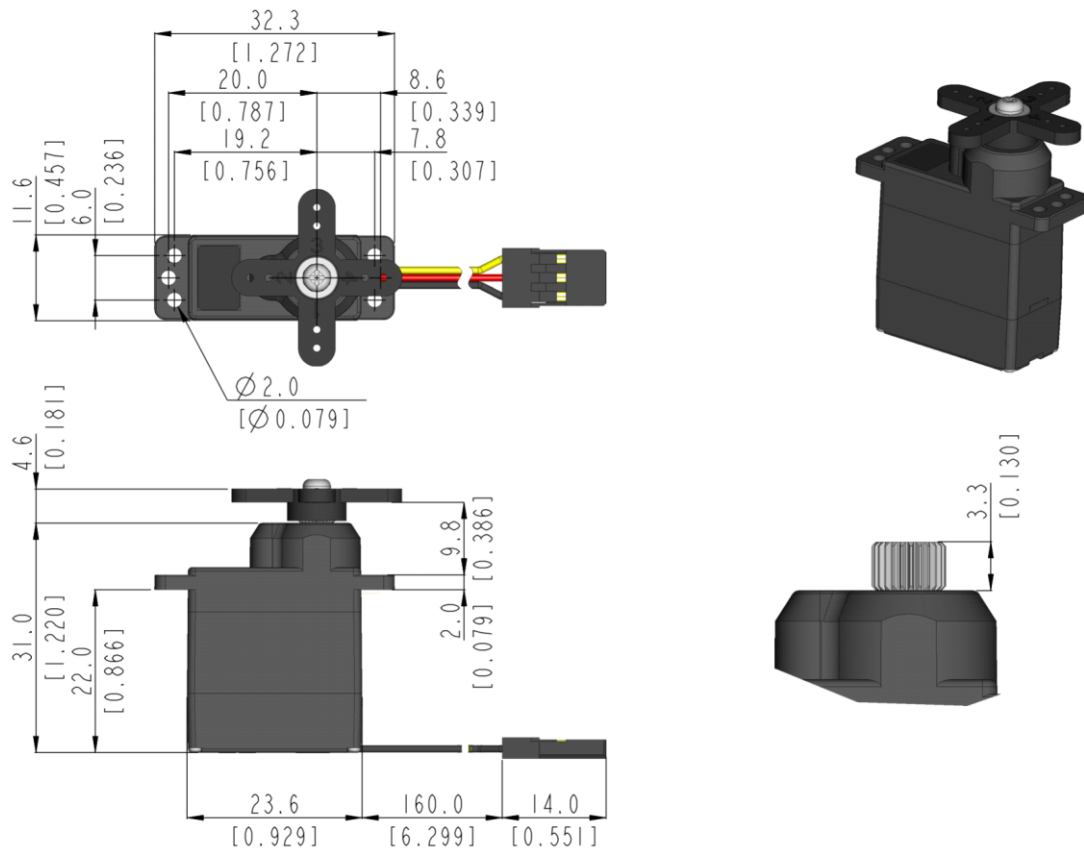


D71MH General Specification.



| | | | |
|-----------------------------|--|------------------------|--|
| Control System | PWM/TTL(Half Duplex) | | - |
| Position Sensor Type | Contact Analog Potentiometer | | - |
| Motor Type | Cored Carbon Brush | | At the Max voltage, it is recommended to be used only for a short time duration. |
| Operating Voltage Range | 3.5 ~ 8.4V | | |
| Voltage | - | 6.0V | 7.4V |
| No Load Speed | - | 0.16sec/60° | 0.13sec/60° |
| Stall Torque | - | 3.7kgf-cm (51.38oz-in) | 4.1kgf-cm (56.94oz-in) |
| Peak Efficiency Torque | - | 0.7kgf-cm (10.28oz-in) | 0.8kgf-cm (11.39oz-in) |
| Standing Current | - | 30mA | 30mA |
| No Load Running Current | - | 200mA | 220mA |
| Stall Current | - | 1,300mA | 1,500mA |
| Deadband | - | 2μs | 2μs |
| Operating Travel | Default: ±60°, Programmable: Max 175° / Pulse Width: 900~2100μs(Center:1500μs) | | - |
| Continuous Rotation | n/a | | - |
| Operating Temperature Range | -20°C ~ +60°C (-4°F ~ +140°F) | | - |
| Storage Temperature Range | -30°C ~ +80°C (-31°F ~ +176°F) | | - |
| Connector Wire Length | 160mm (6.299inch) | |  1. SIGNAL 2. VCC 3. GND |
| Connector Wire Gauge | 28AWG | | |
| Dimensions | 23.6mm x 11.6mm x 31.0mm (0.929inch x 0.457inch x 1.220inch) | | General Tolerance ±0.1mm |
| Weight | 12.5g (0.441oz) | | Excluding the weight of Horn |
| Bearing Type | 1 Ball Bearing | | - |
| Case Material | Engineering Plastic | | - |
| Gear Material | 1 Resin & 4 Metal Gears | | - |
| Gear Train Backlash | Max 0.5° | | - |
| Horn Gear Spline | M25T(Ø5) | | - |
| IP-Rating | IP4X | | - |
| Servo Amplifier Type | 32bit Programmable Digital | | - |



1:1 scale (Unit : mm[inch])

- This product should not be used directly on the human body for medical purposes.
- This product should not be used for war weapons.
- All specifications are subject to change without notice.

