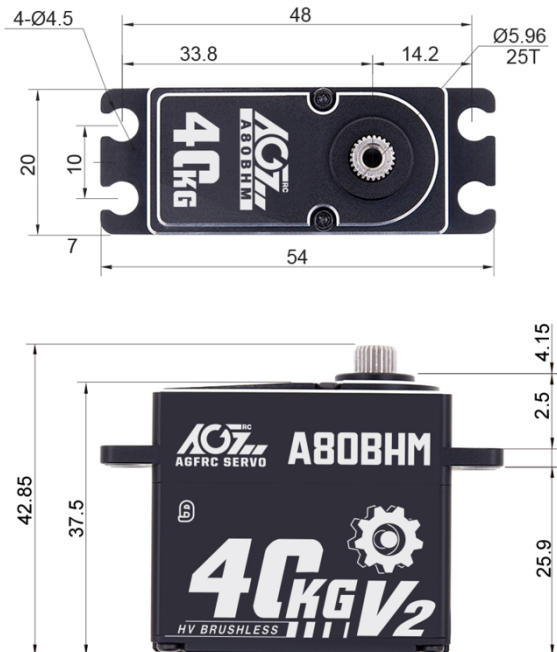


A80BHM V2

| | | | |
|------------------------------|---|--|--|
| Control System | Pulse width modulation control | |  |
| Refresh Rate | 333Hz / 666Hz | | |
| Neutral Position | 1520μS / 760μS | | |
| Signal Mode | Digital | | |
| Dead band | 2 μSec | | |
| Operating Voltage | 4.8V ~ 8.4V | | |
| Operating Temperature | -15C° ~ +70C° | | |
| Bearing | 3BB | | |
| Mechanical Angle | 220° | | |
| Size | 40*20*37.5mm | | |
| Net Weight | 80g | | |
| Wire | TYU 300mm / 22AWG | | |
| Operating Travel | 180°±10° | | |
| Signal Range | 500 to 2500 μSec | | |
| Stall Torque | 27 kg-cm (375 oz-in) @ 4.8V 31 kg-cm (430 oz-in) @ 6.0V 36 kg-cm (500 oz-in) @ 7.4V 40 kg-cm (556 oz-in) @ 8.4V | Unload Current 280mA @ 4.8V 320mA @ 6.0V 360mA @ 7.4V 400mA @ 8.4V | |
| Operating Speed | 0.140sec/60° @ 4.8V 0.120sec/60° @ 6.0V 0.100sec/60° @ 7.4V 0.085sec/60° @ 8.4V | Loading Current 3600mA @ 4.8V 4000mA @ 6.0V 4300mA @ 7.4V 4600mA @ 8.4V | |
| Direction | <input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW | | |
| Waterproof Level | <input type="checkbox"/> IP65 <input type="checkbox"/> IP67 | | |
| Angle Sensor | <input checked="" type="checkbox"/> Potentiometer <input type="checkbox"/> Magnet Angle Sensor | | |
| Motor Type | <input checked="" type="checkbox"/> Brushless <input type="checkbox"/> Coreless <input type="checkbox"/> DC | | |
| Motor Drive | <input checked="" type="checkbox"/> FET Drive <input type="checkbox"/> IC Drive <input type="checkbox"/> Transistor Drive | | |
| Programmable | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Gear Material | <input checked="" type="checkbox"/> Strength Steel <input type="checkbox"/> Titanium <input type="checkbox"/> Copper <input type="checkbox"/> Plastic | | |
| Horn Gear Spline | <input checked="" type="checkbox"/> 25T-φ5.92mm <input type="checkbox"/> 25T-φ4.94mm <input type="checkbox"/> Other _____ | | |
| Case Material | <input checked="" type="checkbox"/> AL6061T6 <input type="checkbox"/> Aluminum + Plastic <input type="checkbox"/> Plastic | | |
| Bearing Material | <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic | | |
| Horn Accessories | <input type="checkbox"/> AL6061T6 <input checked="" type="checkbox"/> Plastic | | |
| Wire Color | Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown Positive: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Red Control Signal: <input checked="" type="checkbox"/> Grey <input type="checkbox"/> White <input type="checkbox"/> Orange | | |

UNIT:MM