



PRODUCT SPECIFICATION

A24CHR

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|------------------------------|---|------------------------|--|
| Control System | Pulse width modulation control | | |
| Refresh Rate | 333Hz | | |
| Neutral Position | 1520μS | | |
| Signal Mode | Digital | | |
| Dead band | 2 μSec | | |
| Operating Voltage | 4.8V ~ 8.4V | | |
| Operating Temperature | -15C° ~ +70C° | | |
| Bearing | Double Ball Bearings | | |
| Mechanical Angle | No Limit | | |
| Size | 30*10*30.5mm | | |
| Net Weight | 24.5g | | |
| Wire | TYU 180mm / 26AWG | | |
| Operating Travel | 180°±10° | | |
| Signal Range | 500 to 2500 μSec | | |
| Stall Torque | 5.0 kg-cm (69 oz-in) @ 4.8V 6.2 kg-cm (86 oz-in) @ 6.0V 7.0 kg-cm (97 oz-in) @ 7.4V 8.0 kg-cm (111 oz-in) @ 8.4V | Unload Current | 200mA @ 4.8V 220mA @ 6.0V 250mA @ 7.4V 300mA @ 8.4V |
| Operating Speed | 0.120sec/60° @ 4.8V 0.105sec/60° @ 6.0V 0.090sec/60° @ 7.4V 0.080sec/60° @ 8.4V | Loading Current | 1500mA @ 4.8V 1600mA @ 6.0V 1800mA @ 7.4V 2000mA @ 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 type="checkbox"/> Brushless <input checked="" type="checkbox"/> Coreless <input type="checkbox"/> DC | | |
| Motor Drive | <input type="checkbox"/> FET Drive <input checked="" 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 type="checkbox"/> 25T-φ5.92mm <input checked="" 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 type="checkbox"/> Black <input checked="" type="checkbox"/> Red Signal: <input type="checkbox"/> Grey <input checked="" type="checkbox"/> White <input type="checkbox"/> Orange | | |