


AAS-700STD/ Standard Deluxe Ball Bearing Servo

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|------------------------------|---|-----------------------------|
| Control System | +Pulse Width Control 1520usec Neutral | |
| Operation Voltage Range | 4.8 ~ 6.0 Volts | |
| Operation Temperature Range | -20C° ~ +60C° (-4°F ~ 140°F) | |
| Test Voltage: | At 4.8V (Ni-cd) | At 6.0V (Ni-cd) |
| Torque | 3.6kg/cm , 51 oz/in. | 4.7 kg/cm , 65 oz/in. |
| Speed | 0.14sec / 60 deg at no load | 0.12sec / 60 deg at no load |
| Idle Current | 2mA at stopped | 2mA at stopped |
| Running Current | 280mA at no load | 410mA at no load |
| Stall Current | 770mA | 1100 mA |
| Dead band width | 8 usec | 8 usec |
| Operation Travel | 45°/ one side pulse travel 400 usec | |
| Direction | Counter Clockwise/Pulse Traveling 1520-1900usec | |
| Motor Type | 3 Pole Ferrite | |
| Potentiometer Type | Indirect Drive | |
| Amplifier Type | 4A Double MOS-FET | |
| Dimensions | 41 x 20 x 36 mm / 1.6 x 0.8x 1.4 in. | |
| Weight: | 37.2grams / 1.3oz without splined horn | |
| Ball Bearing | Plastic Bearing | |
| Gear Material | All Nylon Gears | |
| Horn Gear Spline | Futaba 25 Tooth | |
| Connector Wire Length | 300mm | |
| Connector Wire Stand Counter | 60EA | |
| Connector Wire Gauge | 22AWG | |
| Wire Info (Black) | - Negative | |
| Wire Info (Red) | + Positive | |
| Wire Info (White) | S Single | |

Spare Parts Items

| | | |
|-------------------|--|---|
| Servo Gear Set | <#10706> AAS-700STD (All Nylon Gears) |  |
| Servo Case Set | <#10707> AAS-700STD (Outside case) | |
| Servo Accessories | <#10708> AAS-700STD(Accessories - Horn & screws & rubber) | |

