



HELI / AIRPLANE / GLIDER / GIMBALS SERIES
2013 ALL SERIES SERVO CHART

WWW.MK5-SERVO.COM

| | Product | Dimension (MM) | Weight (g) | Speed (sec/60°) | Torque (kg/cm) | Case | | | | | | | | | | | | |
|--------------|--------------------|----------------|-------------------------|---------------------------|----------------------------|---------|---------|-----|-----|----------|----------|--------------|----------|-------------|---------------|-------------|---------|----------|
| | | | | | | | Gimbals | F3X | F3K | 450 Heli | 500 Heli | 600-700 Heli | 800 Heli | Pylon Racer | Pattern Plane | Airplane EP | On-Road | Off-Road |
| MICRO SERVO | DS450 | 22.5x10x23.5 | 9.5 | 0.120(4.8V)/0.115(5.0V) | 3.10(4.8V)/3.22(5.0V) | Plastic | | | | ∨ | | | | | | | | |
| | DS460 | 22.5x10x23.5 | 9.5 | 0.100(4.8V)/0.096(5.0V) | 2.72(4.8V)/2.83(5.0V) | Plastic | | | | ∨ | | | | | | | | |
| | DS470 | 22.5x10x23.5 | 9.5 | 0.089(4.8V)/0.085(5.0V) | 2.37(4.8V)/2.47(5.0V) | Plastic | | | | ∨ | | | | | | | | |
| | DS480 | 22.5x10x23.5 | 9.5 | 0.068(4.8V)/0.065(5.0V) | 1.85(4.8V)/1.93(5.0V) | Plastic | | | | ∨ | | | | | | | | |
| | DS530 | 23x12x25 | 13 | 0.098(4.8V)/0.094(5.0V) | 2.88(4.8V)/3.00(5.0V) | Mid-Alu | | | | ∨ | | | | | | | | |
| | DS545 | 23x12x28 | 14.5 | 0.073(4.8V)/0.070(5.0V) | 2.20(4.8V)/2.30(5.0V) | Mid-Alu | | | | ∨ | | | | | | | | |
| | DS95 | 23x12x27.25 | 21.21 | 0.066(4.8V)/0.053(6.0V) | 2.44(4.8V)/3.05(6.0V) | All-Alu | | | | ∨ | | | ▲ | | | | | |
| | DS95i N | 23x12x27.25 | 21.21 | 0.047(4.8V)/0.038(6.0V) | 1.92(4.8V)/2.40(6.0V) | All-Alu | | | | ∨ | | | | | | | | |
| | DS92 ■ | 23x12x27.25 | 17.43 | 0.075(4.8V)/0.060(6.0V) | 2.30(4.8V)/2.85(6.0V) | Mid-Alu | | | | ▲ | | | ∨ | | ∨ | | | |
| DS92A+ | 23x12x27.25 | 17.43 | 0.070(4.8V)/0.058(6.0V) | 2.40(4.8V)/2.95(6.0V) | Mid-Alu | | | | ∨ | | | ▲ | | ∨ | | | | |
| MINI SERVO | DS9660A+ | 35.8x15.2x29 | 28 | 0.12(4.8V)/0.09(6.0V) | 3.8(4.8V)/4.7(6.0V) | Plastic | | | | | | | ▲ | | | | ∨ | |
| | DS9670A+ | 35.8x15.2x29 | 27.5 | 0.088(4.8V)/0.068(6.0V) | 2.26(4.8V)/2.83(6.0V) | Plastic | | | | | | | | | | | ∨ | |
| | DS8910A+ N | 35.8x15.2x29 | 28 | 0.052(4.8V)/0.045(5.5V) | 2.10(4.8V)/2.41(5.5V) | Plastic | | | | ∨ | ∨ | | | | | | | |
| | HV9767 | 35.5x15x28.5 | 38.55 | 0.090 (6.0V)/0.078 (7.4V) | 6.8 (6.0V) / 8.5 (7.4V) | All-Alu | | | | ∨ | ∨ | | | | | | | |
| | HV9780 N | 35.5x15x28.5 | 38.01 | 0.055(6.0V)/ 0.045 (7.4V) | 3.3 (6.0V) / 4.0(7.4V) | All-Alu | | | | ∨ | ∨ | | | | | | | |
| HV-BLS SERVO | HBL950 | 40x20x40 | 70.29 | 0.12(6.0V)/0.10(7.4V) | 13.3(6.0V)/16.5(7.4V) | All-Alu | | | | | ∨ | ∨ | ▲ | | | | | |
| | HBL980 N | 40x20x40 | 70.29 | 0.040(6.0V)/0.036(7.4V) | 4.5(6.0V)/5.6(7.4V) | All-Alu | | | | | ∨ | ∨ | ∨ | | ▲ | | | |
| | HBL665 | 40x20x40 | 63 | 0.13(6.0V)/0.10(7.4V) | 12.2(6.0V)/15.2(7.4V) | Mid-Alu | | | | | ∨ | ∨ | ▲ | | ▲ | | | |
| | HBL669 N | 40x20x40 | 63 | 0.05(6.0V)/0.04(7.4V) | 4.2(6.0V)/5.1(7.4V) | Mid-Alu | | | | | ∨ | ∨ | ∨ | | | | | |
| | HBL850 | 40x20x38.5 | 73 | 0.10(6.0V)/0.079(7.4V) | 18.2(6.0V)/22.5(7.4V) | All-Alu | | | | | | ∨ | ∨ | | ▲ | | | |
| | HBL880 N | 40x20x38.5 | 73.2 | 0.044(6.0V)/0.036(7.4V) | 8.2(6.0V)/10.1(7.4V) | All-Alu | | | | | | ∨ | ∨ | | | | | |
| BRUSHLESS | BLS950 | 40x20x40 | 55.8 | 0.14(4.8V)/0.12(6.0V) | 9.2(4.8V)/11.5(6.0V) | Mid-Alu | | | | | ∨ | ∨ | | ▲ | ∨ | | | |
| | BLS970 | 40x20x40 | 56 | 0.09(4.8V)/0.072(6.0V) | 6.1(4.8V)/7.7(6.0V) | Mid-Alu | | | | | ∨ | ∨ | | | | | | |
| | BLS980 N | 40x20x40 | 58 | 0.04(4.8V)/0.033(6.0V) | 2.5(4.8V)/3.1(6.0V) | Mid-Alu | | | | | ∨ | ∨ | ∨ | | | | | |
| | BLS990 N | 40x20x40 | 69 | 0.038(4.8V)/0.03(6.0V) | 2.8(4.8V)/3.5(6.0V) | All-Alu | | | | | | ∨ | ∨ | | | | | |
| CORELESS | DS660A+ | 40x20x40 | 75 | 0.186(4.8V)/0.149(6.0V) | 21.05(4.8V)/26.3(6.0V) | All-Alu | | | | | | | | | ∨ | | ∨ | |
| | DS670 | 40x20x40 | 75 | 0.111(4.8V)/0.089(6.0V) | 12.58(4.8V)/15.72(6.0V) | All-Alu | | | | | | ∨ | | | | | | |
| | DS760 N | 40x20x40 | 75 | 0.034(4.8V)/0.027(6.0V) | 3.9(4.8V)/4.9(6.0V) | All-Alu | | | | | ▲ | ∨ | ∨ | | | | | |
| | DS760-pla N | 40x20x40 | 62.26 | 0.034(4.8V)/0.027(6.0V) | 3.9(4.8V)/4.9(6.0V) | Mid-Alu | | | | | ▲ | ∨ | ∨ | | | | | |
| RTF | DS1210 ■ | 40x20x40 | 56 | 0.15(4.8V)/0.12(6.0V) | 8.05(4.8V)/10(6.0V) | Mid-Alu | | | | | ∨ | | | | | | | |
| | DS1009 ■ | 40x20x40 | 56 | 0.125(4.8V)/0.1(6.0V) | 7.04(4.8V)/8.8(6.0V) | Mid-Alu | | | | | ∨ | | | | | | | |
| | DS6630 | 35.8x15.2x29 | 28 | 0.13 (4.8V) / 0.09(6.0V) | 3.61(4.8V) / 4.7(6.0V) | Mid-Alu | ∨ | | | | | | | | | | | |
| GIMBALS | DS6675 | 40x20x40 | 60.38 | 0.075(6.0V) | 6.6(6.0V) | Mid-Alu | ∨ | | | | | | | | | | | |
| | BLS6650 | 40x20x40 | 55.78 | 0.15(4.8V)/0.12(6.0V) | 8.8(4.8V)/11(6.0V) | Mid-Alu | ∨ | | | | | | | | | | | |
| | HBL6665 | 40x20x40 | 56.91 | 0.12(6.0V)/0.10(7.4V) | 12.2(6.0V)/15(7.4V) | Mid-Alu | ∨ | | | | | | | | | | | |
| | DS6125 | 30x10x35.5 | 28.77 | 0.15(4.8V) / 0.13(5.5V) | 6.6(4.8V) / 7.6(5.5V) | All-Alu | | ∨ | | | | | | | | | | |
| | DS6125MINI | 30x10x29.9 | 25.26 | 0.12(4.8V) / 0.11 (5.5V) | 4.8(4.8V) / 5.5 (5.5V) | All-Alu | | ∨ | | | | | | ▲ | | | | |
| WING SERVO | DS6125H | 30x10x28.7 | 24.33 | 0.12(4.8V) / 0.11 (5.5V) | 4.2(4.8V) / 4.8 (5.5V) | All-Alu | | ∨ | | | | | | | | | | |
| | DS6125E | 23x12x27.25 | 21.21 | 0.066(4.8V) / 0.053(6.0V) | 2.58(4.8V) / 3.25 (6.0V) | All-Alu | | ∨ | | | | | | | | | | |
| | DS6100 | 22.5x10x23.5 | 9.5 | 0.12(4.8V) / 0.11 (5.0V) | 3.19 (4.8V) / 3.32 (5.0V) | Plastic | | ∨ | ∨ | | | | | | | | | |
| | DS6188 | 23x12x27.25 | 17.43 | 0.073(4.8V) / 0.064(5.5V) | 2.37 (4.8V) / 2.72 (5.5 V) | Mid-Alu | | ∨ | ∨ | | | | | | | | | |
| | DS65K | 22x8.5x15 | 6.5 | 0.203(4.8V) / 0.154(6.0V) | 1.85 (4.8V) / 2.20 (6.0V) | All-Alu | | | ∨ | | | | | | | | | |

BLS = Brushless Motor HBL = HV Brushless Motor DS = Coreless Motor ∨ = Compatible ▲ = Recommendable **N** = Narrow Band **■** = Only For Flybar System