

2011

Analog Servo Chart



ANALOG SERVOS

MODEL	PART #	DESCRIPTION	GEAR TYPE	BEARING	SPEED 4.8 / 6.0V 6.0 / 7.4V	TORQUE 4.8 / 6.0V 6.0 / 7.4V	SIZE L x W x H (MM)	WEIGHT GRAMS	GEAR PART#	CASE PART#	POWER PLANES	SAILPLANES	HELIS	CARS	TRUCKS	SAILBOATS	BOATS
Micro and Mini Servos																	
HS-35HD	33035S	NANO	KARBONITE	NONE	0.10 / 0.08	0.8 / 1.0	18.6 x 7.6 x 15.0	4.5	56408	56409	Micro	Micro	Micro				
HS-45HB	33045S	AGTT FEATHER	KARBONITE	TOP BB	0.14 / 0.12	1.0 / 1.2	23.6 x 9.8 x 22.4	8.0	55025	55428							
HS-50	31050S	FEATHER	NYLON	NONE	0.09 / NA	0.6 / NA	20.9 x 11.4 x 22	6.1	56355	55404							
HS-55	31055S	ECONOMY FEATHER	NYLON	NONE	0.17 / 0.14	1.1 / 1.3	22.8 x 11.6 x 24	8.0	55001	55405							
HS-56HB	33056S	PREMIUM FEATHER	KARBONITE	TOP BB	0.12 / 0.10	1.2 / 1.4	22.6 x 11.6 x 24	11.2	55007	55412							
HS-65HB	33065S	MIGHTY KARBONITE FEATHER	KARBONITE	TOP BB	0.16 / 0.13	1.6 / 1.9	23.6 x 11.6 x 24	11.2	55013	55418							
HS-65MG	32065S	MIGHTY METAL GEAR FEATHER	METAL	TOP BB	0.14 / 0.11	1.8 / 2.2	23.6 x 11.6 x 24	11.9	55315	55418							
HS-81	31081S	STANDARD MICRO	NYLON	NONE	0.11 / 0.09	2.6 / 3.0	29.8 x 12.0 x 29.6	16.6	56403	56404							
HS-82MG	32082S	STANDARD METAL GEAR MICRO	METAL	NONE	0.12 / 0.10	2.8 / 3.4	29.8 x 12.0 x 29.6	19.0	56386	56404							
HS-85BB	31085S	PREMIUM MICRO	NYLON	TOP BB	0.16 / 0.14	3.0 / 3.5	29.0 x 13.0 x 30.0	19.2	56365	56366							
HS-85MG	32085S	PREMIUM METAL GEAR MICRO	METAL	TOP BB	0.16 / 0.14	3.0 / 3.5	29.0 x 13.0 x 30.0	21.9	56388	56366							
HS-125MG	32125S	SLIM METAL GEAR WING	METAL	DUAL BB	0.17 / 0.13	3.0 / 3.5	30.0 x 10.0 x 34.0	24.0	55301	55408							
HS-225BB	31225S	MIGHTY MINI	NYLON	TOP BB	0.14 / 0.11	3.9 / 4.8	32.4 x 16.8 x 31.0	27.0	56341	56342							
HS-225MG	32225S	METAL GEAR MIGHTY MINI	METAL	TOP BB	0.14 / 0.11	3.9 / 4.8	32.4 x 16.8 x 31.0	31.0	56396	56342							
Standard Sport Servos																	
HS-75BB	31075S	RETRACT	NYLON	TOP BB	0.45 / 0.34	6.6 / 8.2	44.0 x 23.0 x 25.0	35.0	56343	56344							
HS-77BB	31077S	LOW PROFILE	NYLON	TOP BB	0.18 / 0.14	4.4 / 5.5	44.0 x 23.0 x 25.0	35.0	56370	56344							
HS-311	31311S	STANDARD ECONOMY	NYLON	NONE	0.19 / 0.15	3.0 / 3.5	40.0 x 20.0 x 36.5	43.0	55002	55403							
HS-322HD	33322S	STANDARD HEAVY DUTY	KARBONITE	NYLON	0.19 / 0.15	3.0 / 3.7	40.0 x 20.0 x 36.5	43.0	55003	55403							
HS-325HB	33325S	STANDARD BALL BEARING	KARBONITE	TOP BB	0.19 / 0.15	3.0 / 3.7	40.0 x 20.0 x 36.5	43.0	55003	55403							
HS-422	31422S	DELUXE STANDARD	NYLON	DUAL OILITE	0.21 / 0.16	3.3 / 4.1	40.6 x 19.8 x 36.6	45.5	56334	56339							
HS-425BB	31425S	DELUXE BALL BEARING	NYLON	DUAL BB	0.21 / 0.16	3.3 / 4.1	40.6 x 19.8 x 36.6	45.5	56334	56339							
HS-430BH	31430S	DELUXE HV BALL BEARING	NYLON	TOP BB	0.16 / 0.14	4.1 / 5.0	40.6 x 19.8 x 36.6	45.5	56334	56339							
HS-485HB	33485S	DELUXE HD BALL BEARING	KARBONITE	TOP BB	0.22 / 0.18	4.8 / 6.0	39.8 x 19.8 x 38.0	45.0	55030	55430							
Premium Sport Servos																	
HS-625MG	32625S	HIGH SPEED METAL GEAR	METAL	DUAL BB	0.18 / 0.15	5.5 / 6.8	40.6 x 19.8 x 37.8	55.2	55302	55402							
HS-635HB	33635S	KARBONITE HIGH TORQUE	KARBONITE	DUAL BB	0.18 / 0.15	5.0 / 6.0	40.6 x 19.8 x 38.8	50.0	55006	55411							
HS-645MG	32645S	HIGH TORQUE METAL GEAR	METAL	DUAL BB	0.24 / 0.20	7.7 / 9.6	40.6 x 19.8 x 37.8	55.2	55303	55402							
HS-965MG	32965S	HIGH SPEED CORELESS METAL GEAR	METAL	DUAL BB	0.13 / 0.10	7.4 / 9.5	40.0 x 20.0 x 37.0	62.0	55313	55423							
HS-985MG	32985S	HIGH TORQUE CORELESS METAL GEAR	METAL	DUAL BB	0.16 / 0.13	9.6 / 12.4	40.0 x 20.0 x 37.0	62.0	55314	55423							
Giant Scale Servos																	
HS-755HB	33755S	KARBONITE GIANT SCALE	KARBONITE	DUAL BB	0.28 / 0.23	11.0 / 13.2	59.0 x 29.0 x 50.0	110.0	55008	55413							
HS-755MG	32755S	METAL GEAR GIANT SCALE	METAL	DUAL BB	0.28 / 0.23	12.0 / 14.4	59.0 x 29.0 x 50.0	117.0	55316	55413							
HS-805BB	31805S	MEGA GIANT SCALE	NYLON	DUAL BB	0.19 / 0.14	19.8 / 24.7	66.0 x 30.0 x 57.6	152.0	56350	56352							
HS-805MG	32805S	MEGA METAL GEAR	METAL	DUAL BB	0.22 / 0.18	19.8 / 24.7	66.0 x 30.0 x 57.6	197.0	56410	56352							
Boat Servos																	
HS-765HB	33765S	SAIL CONTROL	KARBONITE	DUAL BB	0.28 / 0.23	11.0 / 13.2	59.0 x 29.0 x 50.0	110.0	55011	55413							
HS-785HB	33785S	3.5 TURN WINCH	KARBONITE	DUAL BB	1.68 / 1.38	11.0 / 13.2	59.0 x 29.0 x 50.0	110.0	55012	55413							
HS-815BB	31815S	MEGA SAIL	NYLON	DUAL BB	0.19 / 0.14	19.8 / 24.7	66.0 x 30.0 x 57.6	152.0	56350	56352							
Waterproof Servos																	
HS-646WP	32646W	ANALOG WATERPROOF	METAL	DUAL BB	0.26 / 0.22	7.0 / 8.4	41.9 x 21.1 x 39.9	58.1	55303	N/A							
Analog Robotic Servos																	
HSR-1425CR	31425CR	CONTINUOUS ROTATION	NYLON	DUAL BB	43 / 52	2.8 / 3.4	40.6 x 19.8 x 36.6	41.7	56334	56339							ANALOG ROBOTIC SERVO

TOP SELLERS



SERVO GEAR MATERIAL RELATIVE STRENGTH CHART

- 48X Titanium Gears
- 40X Steel Gears
- 16X Metal Gears
- 4X Karbonite Gears
- 1X Nylon Gears

DON'T TOSS THAT SERVO!

Hitec products have a warranty against manufacturing defects for a period of two years from the date of purchase. During this period, we will repair or replace any defective products at our discretion.

Hitec has a Servo for Virtually Every Application!

www.hitecrd.com