



# SERVO LINE

HITEC MODELS	PART #	DESCRIPTION	CONTROL CIRCUIT	MOTOR	GEAR TYPE	BEARING	SPEED		TORQUE		SIZE L X W X H (IN.)	WEIGHT OZ.	GEAR PART #	CASE PART #	POWER PLANES	SAIL PLANES	HELIS	CARS	TRUCKS	SAILBOATS	BOATS
							4.8   6.0V	6.0   7.4V	4.8   6.0V	6.0   7.4V											
<b>Micro and Mini Servos</b>																					
HS-35HD	33035S	NANO	ANALOG	CORELESS	HM / P	NONE	0.10 / NA	11 / NA	0.73 x 0.30 x 0.61	0.16	56408	56409	Micro	Micro	Micro						
HS-5035HD	35035S	DIGITAL NANO	G1 DIGITAL	CORELESS	HM / P	NONE	0.10 / NA	11 / NA	0.73 x 0.30 x 0.61	0.16	56408	56409	Micro	Micro	Micro						
HS-40	New 31040	ECONOMY NANO	ANALOG	3P CORED	NYLON	NONE	0.12 / 0.10	8 / 11	0.79 x 0.34 x 0.67	0.17	TBD	TBD	Micro	Micro	Micro						
HS-45HB	33045S	AGTT FEATHER	ANALOG	3P CORED	KARBONITE	TOP BB	0.14 / 0.12	14 / 17	0.92 x 0.38 x 0.88	0.28	55025	55428									
HS-53	New 31053	SUPER-ECONO FEATHER	ANALOG	3P CORED	NYLON	NONE	0.16 / 0.13	17 / 21	1.12 x 0.46 x 0.95	0.28	TBD	TBD									
HS-55	31055S	ECONOMY FEATHER	ANALOG	CORELESS	NYLON	NONE	0.17 / 0.14	15 / 18	0.89 x 0.45 x 0.94	0.28	55001	55405									
HS-5055MG	35055S	ECONOMY MG FEATHER	G1 DIGITAL	CORELESS	METAL	NONE	0.20 / 0.17	18 / 22	0.89 x 0.45 x 0.94	0.33	55323	55431									
HS-65HB	33065S	MIGHTY FEATHER	ANALOG	3P CORED	KARBONITE	TOP BB	0.16 / 0.13	22 / 26	0.92 x 0.45 x 0.94	0.39	55013	55418									
HS-65MG	32065S	MIGHTY MG FEATHER	ANALOG	3P CORED	METAL	TOP BB	0.14 / 0.11	25 / 31	0.92 x 0.45 x 0.94	0.42	55315	55418									
HS-5065MG	35065S	DIGITAL MG FEATHER	G1 DIGITAL	3P CORED	METAL	TOP BB	0.14 / 0.11	25 / 31	0.92 x 0.45 x 0.94	0.42	55315	55418									
HS-81	31081S	STANDARD MICRO	ANALOG	3P CORED	NYLON	NONE	0.11 / 0.09	36 / 42	1.17 x 0.47 x 1.16	0.58	56403	56404									
HS-82MG	32082S	STANDARD MG MICRO	ANALOG	3P CORED	METAL	NONE	0.12 / 0.10	39 / 47	1.17 x 0.47 x 1.16	0.66	56386	56404									
HS-85BB	31085S	PREMIUM MICRO	ANALOG	3P CORED	NYLON	TOP BB	0.16 / 0.14	42 / 49	1.14 x 0.51 x 1.18	0.67	56365	56366									
HS-85MG	32085S	PREMIUM MG MICRO	ANALOG	3P CORED	METAL	TOP BB	0.16 / 0.14	42 / 49	1.14 x 0.51 x 1.18	0.77	56388	56366									
HS-5085MG	35085S	DIGITAL PREMIUM MG MICRO	G1 DIGITAL	3P CORED	METAL	TOP BB	0.17 / 0.13	50 / 60	1.14 x 0.51 x 1.18	0.77	56388	56366									
HS-5087MH	35087S	HV DIGITAL PREMIUM MG MICRO	G1 DIGITAL	3P CORED	METAL	TOP BB	0.17 / 0.13	50 / 60	1.14 x 0.51 x 1.18	0.77	56388	56366									
HSG-5084MG	35084S	MICRO HELI TAIL ROTOR	HR DIGITAL	3P CORED	METAL	TOP BB	0.07 / 0.05	21 / 26	1.14 x 0.51 x 1.18	0.76	55021	55421									
HS-125MG	32125S	SLIM WING MG	ANALOG	3P CORED	METAL	DUAL BB	0.17 / 0.13	42 / 49	1.18 x 0.39 x 1.33	0.84	55301	55408									
HS-5125MG	35125S	DIGITAL SLIM WING MG	G1 DIGITAL	3P CORED	METAL	DUAL BB	0.17 / 0.13	42 / 49	1.18 x 0.39 x 1.33	0.84	55301	55408									
HS-7115TH	37115S	HV DIGITAL Ti GEAR SLIM WING	G2 DIGITAL	3P CORED	TITANIUM	DUAL BB	0.12 / 0.10	44 / 54	1.02 x 0.31 x 1.50	0.71	N/A	55439									
HS-225BB	31225S	MIGHTY MINI	ANALOG	3P CORED	NYLON	TOP BB	0.14 / 0.11	54 / 67	1.27 x 0.66 x 1.22	0.95	56341	56342									
HS-225MG	32225S	MIGHTY MINI MG	ANALOG	3P CORED	METAL	TOP BB	0.14 / 0.11	54 / 67	1.27 x 0.66 x 1.22	1.09	56396	56342									
HS-5245MG	35245S	DIGITAL MIGHTY MINI MG	G1 DIGITAL	CORED	METAL	DUAL BB	0.15 / 0.12	61 / 76	1.27 x 0.66 x 1.22	1.12	56396	56342									
HS-7235MH	37235S	HV DIGITAL MINI MG FAST	G2 DIGITAL	CORELESS	METAL	DUAL BB	0.09 / 0.08	50 / 61	1.28 x 0.66 x 1.29	1.20	55338	55438									
HS-7245MH	37245S	HV DIGITAL MINI MG TORQUE	G2 DIGITAL	CORELESS	METAL	DUAL BB	0.13 / 0.11	72 / 89	1.28 x 0.66 x 1.29	1.20	55336	55438									
<b>Standard Sport Servos</b>																					
HS-75BB	31075S	RETRACT	ANALOG	3P CORED	NYLON	TOP BB	0.45 / 0.34	92 / 114	1.73 x 0.90 x 0.98	1.23	56343	56344									
HS-77BB	31077S	LOW PROFILE	ANALOG	3P CORED	NYLON	TOP BB	0.18 / 0.14	61 / 76	1.73 x 0.90 x 0.98	1.23	56370	56344									
HS-311	31311S	STANDARD ECONOMY	ANALOG	3P CORED	NYLON	NONE	0.19 / 0.15	42 / 49	1.57 x 0.78 x 1.43	1.51	55002	55403									
HS-322HD	33322S	STANDARD HEAVY DUTY	ANALOG	3P CORED	KARBONITE	NYLON	0.19 / 0.15	42 / 51	1.57 x 0.78 x 1.43	1.51	55003	55403									
HS-325HB	33325S	STANDARD BALL BEARING	ANALOG	3P CORED	KARBONITE	TOP BB	0.19 / 0.15	42 / 51	1.57 x 0.78 x 1.43	1.51	55003	55403									
HS-422	31422S	DELUXE STANDARD	ANALOG	3P CORED	NYLON	DUAL OILITE	0.21 / 0.16	46 / 57	1.59 x 0.77 x 1.44	1.60	56334	56339									
HS-425BB	31425S	DELUXE BALL BEARING	ANALOG	3P CORED	NYLON	DUAL BB	0.21 / 0.16	46 / 57	1.59 x 0.77 x 1.44	1.60	56334	56339									
HSR-1425CR	31425CR	CONTINUOUS ROTATION	ANALOG	3P CORED	NYLON	DUAL BB	43 / 52 RPM	39 / 47	1.59 x 0.77 x 1.44	1.47	56334	56339	CONTINUOUS ROTATION ANALOG SERVO								
HS-430BH	31430S	DELUXE HV BALL BEARING	ANALOG	3P CORED	NYLON	TOP BB	0.16 / 0.14	57 / 69	1.59 x 0.77 x 1.44	1.60	56334	56339									
HS-485HB	33485S	DELUXE HD BALL BEARING	ANALOG	3P CORED	KARBONITE	TOP BB	0.22 / 0.18	67 / 83	1.57 x 0.78 x 1.49	1.59	55030	55430									
HS-5485HB	35485S	DIGITAL ECONOMY STANDARD	G1 DIGITAL	3P CORED	KARBONITE	TOP BB	0.20 / 0.17	72 / 89	1.57 x 0.78 x 1.49	1.59	55030	55430									
HS-5495BH	35495S	HV DIGITAL ECONOMY STANDARD	G1 DIGITAL	3P CORED	KARBONITE	TOP BB	0.17 / 0.15	89 / 104	1.57 x 0.78 x 1.49	1.59	55030	56430									
HS-5496MH	35496S	HV STANDARD MG DIGITAL	G1 DIGITAL	3P CORED	METAL	TOP BB	0.17 / 0.15	89 / 104	1.57 x 0.78 x 1.49	1.84	55335	56430									
HS-635HB	33635S	KARBONITE HIGH TORQUE	ANALOG	3P CORED	KARBONITE	DUAL BB	0.18 / 0.15	69 / 83	1.59 x 0.77 x 1.52	1.76	55006	55411									
HS-625MG	32625S	HIGH SPEED MG	ANALOG	3P CORED	METAL	DUAL BB	0.18 / 0.15	76 / 94	1.59 x 0.77 x 1.48	1.94	55302	55402									
HS-5625MG	35625S	DIGITAL HIGH SPEED MG	G1 DIGITAL	3P CORED	METAL	DUAL BB	0.17 / 0.14	110 / 131	1.59 x 0.77 x 1.48	2.11	55302	55402									
HS-5665MH	35665S	HV DIGITAL HIGH SPEED MG	G1 DIGITAL	3P CORED	METAL	DUAL BB	0.16 / 0.14	122 / 139	1.59 x 0.77 x 1.48	2.01	55302	55402									
HS-645MG	32645S	HIGH TORQUE MG	ANALOG	3P CORED	METAL	DUAL BB	0.24 / 0.20	107 / 133	1.59 x 0.77 x 1.48	1.94	55303	55402									
HS-5645MG	35645S	DIGITAL HIGH TORQUE MG	G1 DIGITAL	3P CORED	METAL	DUAL BB	0.23 / 0.18	143 / 168	1.59 x 0.77 x 1.48	2.11	55303	55402									
HS-5685MH	35685S	HV DIGITAL HIGH TORQUE MG	G1 DIGITAL	3P CORED	METAL	DUAL BB	0.20 / 0.17	157 / 179	1.59 x 0.77 x 1.48	2.01	55303	55402									
HS-5565MH	35565S	HV HIGH SPEED CORELESS MG	G1 DIGITAL	CORELESS	METAL	DUAL BB	0.11 / 0.09	153 / 194	1.57 x 0.78 x 1.49	2.10	55431	55440									
HS-5585MH	35585S	HV HIGH TORQUE CORELESS MG	G1 DIGITAL	CORELESS	METAL	DUAL BB	0.17 / 0.14	194 / 236	1.57 x 0.78 x 1.49	2.10	55343	55440									


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							4.8   6.0V 6.0   7.4V SEC.	4.8   6.0V 6.0   7.4V OZ.-IN.	POWER PLANES	SAIL PLANES					HELIS	CARS	TRUCKS	SAILBOATS	BOATS	
<b>Premium Digital Servos</b>																				
HS-7775MG	New 3775S	LOW PROFILE MG	G2 DIGITAL	CORELESS	METAL	DUAL BB	0.12 / 0.10	100 / 125	1.59 x 0.82 x 1.00	1.72	55328	55433								
HS-7966HB	37966S	HIGH SPEED KARBONITE CORELESS	G2 DIGITAL	CORELESS	KARBONITE	DUAL BB	0.10 / 0.08	92 / 111	1.57 x 0.78 x 1.45	1.87	55009	55410								
HS-7975HB	37975S	HIGH TORQUE KARBONITE CORELESS	G2 DIGITAL	CORELESS	KARBONITE	DUAL BB	0.14 / 0.11	92 / 114	1.57 x 0.78 x 1.45	1.87	55005	55410								
HS-7954SH	37954S	HV HIGH TORQUE SG	G2 DIGITAL	CORELESS	STEEL	DUAL BB	0.15 / 0.12	333 / 403	1.57 x 0.78 x 1.45	2.40	55321	55414								
HS-7956SHR	37956S	HV HIGH TORQUE SG RUDDER SYSTEM	G2 DIGITAL	CORELESS	STEEL	DUAL BB	0.15 / 0.12	278 / 340	1.57 x 0.78 x 1.45	2.90	55321	N/A								
HS-7985MG	37985S	HIGH TORQUE MG	G2 DIGITAL	CORELESS	METAL	DUAL BB	0.16 / 0.13	144 / 172	1.57 x 0.78 x 1.45	2.18	55314	55423								
<b>Ultra Premium Digital Servos</b>																				
HS-7940TH	37940S	HV HIGH SPEED TI GEAR	G2 DIGITAL	CORELESS	TITANIUM	DUAL BB	0.08 / 0.07	181 / 222	1.57 x 0.79 x 1.50	2.29	55351	56407								
HS-7945TH	37945S	HV MULTIPURPOSE TI GEAR	G2 DIGITAL	CORELESS	TITANIUM	DUAL BB	0.12 / 0.10	250 / 319	1.57 x 0.79 x 1.50	2.40	55352	56407								
HS-7950TH	37950S	HV ULTRA TORQUE TI GEAR	G2 DIGITAL	CORELESS	TITANIUM	DUAL BB	0.17 / 0.14	403 / 486	1.57 x 0.79 x 1.50	2.29	55353	56407								
HS-7955TG	37955S	HIGH TORQUE TI GEAR	G2 DIGITAL	CORELESS	TITANIUM	DUAL BB	0.19 / 0.15	250 / 333	1.57 x 0.78 x 1.45	2.29	55014*	55414								
HS-7980TH	37980S	HV MEGA TORQUE TI GEAR	G2.5 DIGITAL	CORELESS	TITANIUM	DUAL BB	0.21 / 0.17	500 / 611	1.72 x 0.88 x 1.57	2.76	55333*	56415								
HS-M7990TH	37990S	HV MEGA TORQUE w/MAGNETIC ENCODER	G2.5 DIGITAL	CORELESS	TITANIUM	DUAL BB	0.21 / 0.17	500 / 611	1.72 x 0.88 x 1.57	2.78	55333*	56415								
<b>Ultra Premium High Resolution Digital Servos - Non-Programmable, Utilizes New Standard 25-Tooth Spline</b>																				
HSG-8315BH	New 38315	HV HR ULTRA FAST GYRO SERVO	HR DIGITAL	CORELESS	KARBONITE	DUAL BB	0.05 / 0.04	60 / 74	1.57 x 0.79 x 1.50	2.12	55330	56407								
HS-8775MG	New 38775	HR LOW PROFILE MG	HR DIGITAL	CORELESS	METAL	DUAL BB	0.12 / 0.10	100 / 125	1.59 x 0.83 x 1.00	1.72	55364	55433								
HS-8330SH	New 38330	HV HR HIGH SPEED STEEL GEAR	HR DIGITAL	CORELESS	STEEL	DUAL BB	0.09 / 0.07	139 / 181	1.57 x 0.78 x 1.46	2.33	55355	55414								
HS-8335SH	New 38335	HV HR HIGH TORQUE STEEL GEAR	HR DIGITAL	CORELESS	STEEL	DUAL BB	0.16 / 0.13	257 / 333	1.57 x 0.78 x 1.46	2.26	55366	55414								
HS-8360TH	New 38360	HV HR HIGH SPEED TI GEAR	HR DIGITAL	CORELESS	TITANIUM	DUAL BB	0.08 / 0.07	187 / 229	1.57 x 0.79 x 1.50	2.4	55373	56407								
HS-8370TH	New 38370	HV HR MULTIPURPOSE TI GEAR	HR DIGITAL	CORELESS	TITANIUM	DUAL BB	0.12 / 0.10	250 / 319	1.57 x 0.79 x 1.50	2.4	55374	56407								
HS-8380TH	New 38380	HV HR ULTRA TORQUE TI GEAR	HR DIGITAL	CORELESS	TITANIUM	DUAL BB	0.17 / 0.14	403 / 486	1.57 x 0.79 x 1.50	2.4	55375	56407	Use HS-8385TH							
HS-8385TH	New 38385	HV HR ULTRA TORQUE TI GEAR	HR DIGITAL	CORELESS	TITANIUM	DUAL BB	0.17 / 0.14	403 / 486	1.57 x 0.79 x 1.50	2.4	55375	56407								
HS-8361TH	New 38361	HV HR FMC HIGH SPEED TI GEAR	HR DIGITAL	CORELESS	TITANIUM	DUAL BB	0.08 / 0.07	187 / 229	1.57 x 0.79 x 1.50	2.75	55373	N/A								
HS-8381TH	New 38381	HV HR FMC HIGH TORQUE TI GEAR	HR DIGITAL	CORELESS	TITANIUM	DUAL BB	0.17 / 0.14	403 / 486	1.57 x 0.79 x 1.50	2.75	55375	N/A	Not Recommended							
<b>Digital Brushless Servos - Programmable, Utilizes New Standard 25-Tooth Spline</b>																				
HSB-9465SH	New 39465	HIGH SPEED BRUSHLESS STEEL GEAR	EBL DIGITAL	BRUSHLESS	STEEL	DUAL BB	0.09 / 0.07	187	1.57 x 0.78 x 1.45	2.19	55376	55451								
HSB-9475SH	New 39475	MULTIPURPOSE BRUSHLESS STEEL GEAR	EBL DIGITAL	BRUSHLESS	STEEL	DUAL BB	0.13 / 0.10	269	1.57 x 0.78 x 1.45	2.19	55377	55451								
HSB-9485SH	New 39485	HIGH TORQUE BRUSHLESS STEEL GEAR	EBL DIGITAL	BRUSHLESS	STEEL	DUAL BB	0.18 / 0.15	361	1.57 x 0.78 x 1.45	2.19	55369	55451								
HSB-9360TH	New 39360	HIGH SPEED BRUSHLESS TI GEAR	EBL DIGITAL	BRUSHLESS	TITANIUM	DUAL BB	0.08 / 0.06	236	1.57 x 0.79 x 1.50	2.4	55373	56407								
HSB-9370TH	New 39370	MULTIPURPOSE BRUSHLESS TI GEAR	EBL DIGITAL	BRUSHLESS	TITANIUM	DUAL BB	0.12 / 0.10	347	1.57 x 0.79 x 1.50	2.4	55374	56407								
HSB-9380TH	New 39380	ULTRA TORQUE BRUSHLESS TI GEAR	EBL DIGITAL	BRUSHLESS	TITANIUM	DUAL BB	0.17 / 0.14	472	1.57 x 0.79 x 1.50	2.4	55375	56407								
<b>Waterproof Servos</b>																				
HS-5086WP	35086W	DIGITAL MICRO WATERPROOF	G1 DIGITAL	3P CORED	METAL	TOP BB	0.18 / 0.15	42 / 50	1.22 x 0.60 x 1.22	1.00										
HS-646WP	32646W	HIGH TORQUE WATERPROOF	ANALOG	3P CORED	METAL	DUAL BB	0.20 / 0.17	133 / 161	1.65 x 0.83 x 1.57	2.12			Factory Servicable Only							
HS-5646WP	35646W	DIGITAL HIGH TORQUE WATERPROOF	G1 DIGITAL	3P CORED	METAL	DUAL BB	0.20 / 0.18	157 / 179	1.65 x 0.83 x 1.57	2.15										
<b>Sailboat Servos</b>																				
HS-765HB	33765S	SAIL CONTROL ARM	ANALOG	3P CORED	KARBONITE	DUAL BB	0.28 / 0.23	153 / 183	2.32 x 1.14 x 1.96	3.88	55011	55413								
HS-785HB	33785S	3.5 TURN SAIL WINCH	ANALOG	3P CORED	KARBONITE	DUAL BB	1.68 / 1.38	153 / 183	2.32 x 1.14 x 1.96	3.88	55012	55413								
HS-815BB	31815S	MEGA SAIL CONTROL ARM	ANALOG	3P CORED	NYLON	DUAL BB	0.19 / 0.14	275 / 343	2.59 x 1.18 x 2.26	5.36	56350	56352								
<b>Giant Scale Servos</b>																				
HS-755HB	33755S	GIANT SCALE KARBONITE	ANALOG	3P CORED	KARBONITE	DUAL BB	0.28 / 0.23	153 / 183	2.32 x 1.14 x 1.96	3.88	55008	55413								
HS-755MG	32755S	GIANT SCALE MG	ANALOG	3P CORED	METAL	DUAL BB	0.28 / 0.23	167 / 200	2.32 x 1.14 x 1.96	4.12	55316	55413								
HS-5765MH	35765S	HV DIGITAL GIANT MG	G1 DIGITAL	3P CORED	METAL	TRIPLE BB	0.16 / 0.13	278 / 347	2.32 x 1.14 x 2.04	6.07	55339	56414								
HS-805BB	31805S	MEGA	ANALOG	3P CORED	NYLON	DUAL BB	0.19 / 0.14	275 / 343	2.60 x 1.18 x 2.27	5.36	56350	56352								
HS-805MG	32805S	MEGA MG	ANALOG	3P CORED	METAL	DUAL BB	0.22 / 0.18	275 / 343	2.60 x 1.18 x 2.27	6.95	56410	56352								
HS-5805MG	35805S	DIGITAL MEGA MG	G1 DIGITAL	3P CORED	METAL	DUAL BB	0.19 / 0.14	275 / 343	2.60 x 1.18 x 2.27	6.95	56410	56352								
<b>Ultra Heavy Duty Giant Scale Digital Servos</b>																				
HS-900SGS	New 34900	ULTRA HD FMC - SPEED	IND DIGITAL	5P CORED	STEEL	DUAL BB	0.20 / 0.15	903 / 1208	2.52 x 1.30 x 2.87	12.80			Factory Servicable Only	40%+		1/5th +	1/5th +			
HS-1000SGT	New 34100	ULTRA HD FMC - TORQUE	IND DIGITAL	5P CORED	STEEL	DUAL BB	0.26 / 0.19	1167 / 1528	2.52 x 1.30 x 2.87	12.80			Factory Servicable Only	40%+		1/5th +	1/5th +			

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