

Make	Model	£	An Dig	Stall Torque Kg.cm			Standing Tor Kg.cm			Drum Dia mm	Turns	Travel mm	No load Speed sec						PWM Bandwidth msec						
				4.8v	6v	7.2v	4.8v	6v	7.2v				Time s @6v	4.8v		6v		7.2		Min	Neutral	Max	Dead band	Dir- ection	
														1 t	100	1 turn	100mm	1 t	100						
RMG	280EF	175	D		12.2				32	3.2	320	1.3				0.2		?							
SailServo	DCD 2	50	D	6.9	8.4				25	1/6	80/470	0.2/1.2	0.2	0.3	0.2	0.2									
Graupner	ECO Speed	68																							
RMG	280ES	175	D		15.4				32	5	405	0.5				0.3		?							
RMG	380EH	175	D		29.9				32	6	600	1.9				0.3		?							
RMG	280EL	175	D		19.3				26	6	410	1.6				0.3		?							
Graupner	Sail Winch 4	114			4.6				29	3.5-8.5	320-780	1.7-4.4	0.7	0.8	0.5	0.5			1.1		1.9				
Graupner	Sail Winch 4	114			4.6				9	3.5-8.5	99-240	0.5-1.2	0.7	0.8	0.5	0.5			1.1		1.9				
Hobbyking	VDS-22YMB	\$19			9.5	11			30							0.7	0.7	0.6	0.6						
Graupner	Regatta Eco 11	73																							
SailServo	CD 2	16	A	5.3	6.1	-	3.52	4.33	-	25	4	230	1.9	0.9	1.0	0.7	0.7	-	-	1.0	1.5	2.0	7us	CW	
SailServo	DCD 1	50	D	12.3	14.5					25	1/6	80/470	0.6/3.6	0.7	0.9	0.6	0.8								
HobbyKing	VSD-11AYMB	\$20			40	50				30	6					0.9	0.8	0.8	0.7						
Robbe	SW2 8371	99	A		10.2					40	2 - 6	250-750	2.0-6.0		?	1.0	0.8			0.9	1.52	2.1			
HobbyKing	VSD-10Y	\$15			9.8	12				30							0.9	0.9	0.8	0.7					
Graupner	Regatta II	€ 91																							
HobbyKing	VSD-11YMB	\$18			30	40				30							0.9	0.9	0.8	0.9	1.1	1.5	1.9		
Graupner	Evolution																								
SailServo	CD 1	19	A	9.2	10.6	-	8.2	9.3	-	25	6	350	3.4	1.1	1.2	0.9	1.0	-	-	1	1.5	2	7us	CW	
GWS	S125 1T	15	A	6.6	7.6	-				40	1	130	1.3	1.6	1.3	1.3	1.0								
Hitec	HS-785HB	26	A	11	13.2		8.8	10.5		38	3.5	420	4.9	1.7	1.4	1.4	1.2			1.1	1.5	1.9	5us	CW	
Saturn	12kg Winch	25			12					40					?	1.5	1.2								
GWS	S125 6TD	22	D	9.2	10.2					40	6	750	10.7	2.0	1.6	1.8	1.4								
ACE	WQ2811	22	?		11					35	2						1.5								
CYS	S9601	?	A	-	18	20				30	5	470	8.9			2.0	2.1	1.8	1.9	0.8	1.5	2.2	4us	ccw	
Futaba	S5801	n/a	A		7.8	9.8				42	2 - 6	260-800	1.2-3.6			0.6	0.5	0.5	0.4	0.9	1.52	2.1			
Graupner	Regatta	120		5.4	8.1	10				38	1.5 - 5.5	180-660	1.2-4.2	1.0	0.8	0.8	0.6	0.7	0.6	1.1		1.9			
Graupner	Eco	65		?	4.6	?				25	1.5 - 5.5	120-430	1.8-6.6		?	1.2	1.5		?	1.1		1.9			

4 September 2013

Unknown

Calculated/ Measured

Make	Model	Current mA			adjustable	Motor	Gears	Bearings	Spline segments /dia	Connect f = Futaba h = Hitec	Cable size/long	Waterproof	Weight	size	Tested
		Idle	Running	Stall											
RMG	280EF	23	550	12A	adj					h			134	73x57x54	
SailServo	DCD 2	140	500	2	computer	Coreless	Titanium		25/5.88	h	265 60/22awg	Waterproof	61	41x20x38	
Graupner	ECO Speed														
RMG	280ES	23	450	7A	adj					h			134	73x57x54	
RMG	380EH	23	650	18A	adj					h			134	73x57x54	
RMG	280EL	23	450	7A	adj					h			134	73x57x54	
Graupner	Sail Winch 4		250		screw								160	102x51x48	
Graupner	Sail Winch 4		250		screw								160	102x51x48	
Hobbyking	VDS-22YMB						Metal						56	41x20x39	√
Graupner	Regatta ECO II														
SailServo	CD 2	3	150	1A		Cored	HD Plastic	1BB	25/5.83	h	265 60/22awg	Water/Dust Tight	45	40x20x38	√
SailServo	DCD 1	130	500	2A	computer	Coreless	Titanium	2BB	25/5.88	h	265 60/22awg	Waterproof	61	41x20x38	
HobbyKing	VSD-11AYMB		0.5			3 pole	Metal			h	250 22swg		150	60x29x54	
Robbe	SW2 8371	6.9	250		screw	?	Plastic	yes				O rings	147	65x27x54	
HobbyKing	VSD-10Y					Coreless		2BB	f			Resistant	64	40x25x49	
Graupner	Regatta II														
HobbyKing	VSD-11YMB		400			3 pole	Metal			h	250 22swg	Resistant	150	60x29x54	
Graupner	Evolution														
SailServo	CD 1	3	110	1A		Cored	Metal	1BB	25/5.88	h	265 60/22awg	Water/Dust Tight	55	40x20x38	√
GWS	S125 1T								25/5.94	f			50	41x20x42	√
Hitec	HS-785HB	8	250	1.5A		Cored	Karbonite	2BB	24/5.69	h	300mm 22awg	Water/Dust Tight	110g	59x29x50	√
Saturn	12kg Winch						Nylon	plastic					72	60x30x55	
GWS	S125 6TD							2BB					50	40x20x42	
ACE	WQ2811						Plactic	1BB					120	58x28x52	
CYS	S9601	10	900			3 pole	Plastic	2					154	60x29x51	
Futaba	S580+	15	150	3A	screw	5 pole	Metal	2BB	25/5.98	f		Waterproof	83	46x25x44	
Graupner	Regatta	20	260/310	2A	screw		Metal	single				Sprayed water	90	45x23x42	
Graupner	Eco			1.2A	screw		Metal						70	46x23x42	