

Comparison

WinchCompV10.xls

Unit	Name	D or A	g	Gears	kgcm	rps	Max	P x S	Standard drum			Optional drum			Compare pull		LiPo	LiFe	5V	mA	A	A	Manuf Notes/Paul's Notes
									mm	mm/s	kg	mm	mm/s	kg	mm for x mm/s	kg pull							
					7.2V	7.2V	turns	Rating			pull	Alt Drum	pull	<b>382</b>	for drum								
RMG	290x1	H	119	Metal	15.6	10.40	4.0	162	26	849	12.0					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	0.9	36.3	High speed for up to IOM. Drum max 26mm/26ST/45 spiral	
RMG	380x4	H	160	Metal	38.5	4.00	6.0	154	32	402	24.1	42	528	18.3	30.4	25.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	1.1	30.5	A Class and Larger
RMG	380x5	H	160	Metal	38.5	4.00	10.0	154	32	402	24.1	42	528	18.3	30.4	25.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	1.1	30.5	A Class and Larger (Extended Travel)
Red Ant	Stinger Mk2	D?	125	Metal	22.5	3.78	6.0	85	32	380	14.1	42	499	10.7	32.2	14.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	0.55	7.7	Will take RMG drums
KingMax	SW01BS	D	77	Metal	28.0	2.78	8.0	78	30	262	18.7	41.38	361	13.5	43.8	12.8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	0.45		2nd Figure using PJS20 (50mm) drum
KingMax	SW01BS	D	77	Metal	28.0	2.78	8.0	78	30	262	18.7	60.5	528	9.3	43.8	12.8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	0.45		2nd Figure using Large PJ drum (IOM only?)
KingMax	SW02BS	D	77	Metal	37.0	1.67	8.0	62	30	157	24.7	60.5	317	12.2	73.0	10.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				2nd Figure using Large PJ drum (6M&A?)
RMG	290x2	H	124	Metal	16.1	3.80	4.0	61	32	382	10.1	26	310	12.4	32.0	10.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	0.6	13.0	Std for IOM, M, 10R etc. Drum max 32mm (not32ST+)
PJ Sails	PJS36	A	79	Metal	36.0	1.67	3.0	60	60.5	317	11.9				72.8	9.9		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				winch for M's 10r's 6m & A class
KingMax	SW02CS	D	77	Metal	28.0	2.08	8.0	58	30	196	18.7	25	164	22.4	58.4	9.6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
ARS?	808	D		Metal	23.0	2.38	6.0	55	40	299	11.5				51.1	9.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	350	2.8		Suitable for IOM , 10R , A Class etc
KingMax	SW22HV	D	68	Metal	22.0	2.33	7.5	51	30	219	14.7	41.38	302	10.6	52.3	8.4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	0.17	4.7	As in PM's Alternative
KingMax	SW01CS	D	77	Metal	18	2.78	8.0	50	30	262	12.0	25	218	14.4	43.8	8.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
RMG	280x3	H	117	Metal	16.9	2.70	6.0	46	26	221	13.0	32	271	10.6	45.0	7.5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	0.4	6.8	EC12 or Lightweight A
Himark	S20MG	?	108	Metal	19.0	2.22	4.0	42	35	244	10.9				54.7	6.9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Will take RMG drums
MPI (or HE)	S100-MG v2	?	108	Metal	19.0	2.22	4.0	42	36	251	10.6				54.8	6.9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			4.0	Will take RMG drums
ARS?	808R	D		Metal	13.0	3.00	6.0	39	40	377	6.5				40.5	6.4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	850	2.5		High speed version of 808, IOM or smaller
PJ Sails	PJS20	A	66	Metal	20.0	1.67	2.0	33	41.38	217	9.7	60.5	317	6.6	72.8	5.5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Ideal winch for R36 And 1m
Turnigy	TGY6114MD	D	61	Metal	14.5	1.67	6.0	24	25	131	11.6	30	157	9.7	72.8	4.0		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	140	0.5	2.2	Similar to DF Mk2 Winch? (second using KM30mm)
KingMax	SW6114MD	D	61	Metal	14.5	1.67	6.5	24	25	131	11.6	30	157	9.7	72.8	4.0		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	0.35	4.3	Similar to DF Mk2 Winch? (second using KM30mm)
Futaba	S5801	A	83	Metal	9.8	2	6.0	20	32.3	203	6.1				60.8	3.2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Hitec	HS785HB	A	110	Karbonite	13.2	0.73	3.5	10	41	94	6.4				166.6	1.6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	0.25	1.8	
ARM Winch Servos						Speed			Arm	mm/s	kg min												
						180 deg			114	Max	pull												
Hitec	HS-7980TH	D	78	Titanium	44.0	0.51	N/A	43		702	3.9						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		10	0.48	9.9	Speed and pull varies a lot with angle changes
Hitec	D-980TW	D		Titanium	44.0	0.51	N/A	43		702	3.9						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	30	0.5	6.2	As above but only 120 degrees rotation
Hitec	SHB-9380TH	D	68	Titanium	34.0	0.42	N/A	40		853	3.0						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		27	0.25	2.1	Speed and pull varies a lot with angle changes
9imod	DSC45MG180	D	75	Metal	45.0	0.45	N/A	50		796	3.9						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		0.41	4	£20?