

**TOP SPEED WINCH 4500lb (2,045kg) 12V**

**SPECIFICATION**

Working Load: 4500lbs (2,045Kg) Single line

Motor: Permanent magnet DC12V motor with 1.5p output

Gear reduction ratio: 136:1

Gear train: 3-Stage Planetary

Clutch (free spooling): cam activated

Brake: Mechanical break

Cable (Dia x L):  $\Phi$ 6.5mm x 15m

Or Rope:  $\Phi$ 6.5mm x 15m

Drum Length: 80mm

Overall dimensions (LXWXH):415mm x 118mm x 118mm)

Weight (Cable Winch): G.W. 15.25 kg

Weight (Rope Winch): G.W. 12.25 kg

Packing Size:42 x 29 x 19 cms



**Line Speed and Amp draw (first layer) 12V**

Line pull	lb	No Load	500	1000	1500	2000	2500	3000	3500	4000	4500
	Kg		227	454	681	909	1136	1363	1590	1818	2045
Line speed	Ft/min	19.8	14.8	10.9	9.2	7.6	6.9	5.9	5.3	3.6	3.0
	m/min	6.0	4.5	3.3	2.8	2.3	2.1	1.8	1.6	1.1	0.9
Motor	Amp	11	30	40	60	70	80	95	170	280	300

**Line pull and cable capacity**

Layers of cable		1	2	3	4
Rated line pull per layer	Lbs	4500	3960	3485	3067
	Kg	2045	1800	1584	1394