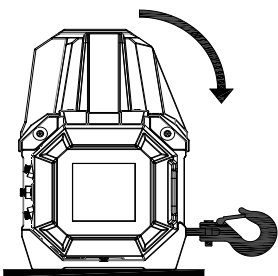

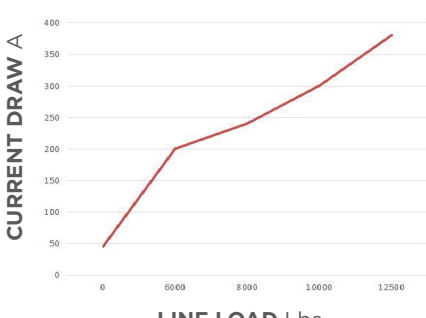




Engineering Data					Drum Rotation					
Rated Pulling Force:	12500 lb		5670 kg		 <p>Viewed from motor end Pull from bottom of winch</p>					
Drum Barrel Diameter:	2.48 in		63 mm							
Drum Flange Diameter:	5.94 in		151 mm							
Distance Between Flanges:	8.78 in		223 mm							
Rope Diameter:(Synthetic Rope)	0.4 in		10 mm							
Recommended Min.Rope Breaking Strength:	21000 lb		9500 kg							
Maximum Layers of Rope:	4									
Motor (12V):	Input:5.0kw/6.7hp; Output:2.4kw/3.2hp									
Gear Reduction:	253:1									
Brake Type:	Patented ratchet									
Net weight:	71.6 lb		32.5 kg							
Performance By Layer - 0.4" (10mm) dia. rope										
Drum Layer	Line Load			No Load Speed				Drum Capacity		
	lb	kg	kN	ft/min	m/min	ft	m			
1	12500	5670	55.56	27.9	8.5	15.1	4.6			
2	9775	4434	43.45	36	11	34.1	10.4			
3	8000	3629	35.56	44.3	13.5	57.7	17.6			
4	6800	3084	30.22	58.7	16	82	25			
*Never exceed Rated Pulling Force. A Rated Capacity Limiter is recommended.										
First Layer Performance										
Line Load		Current Draw	Line Speed		Duty Cycle					
lb	kg	Amps	ft/min	m/min	min/10min					
0	0	45	27.9	8.5	4:30					
6000	2722	200	11.5	3.5	1:30					
8000	3629	240	8.2	2.5	1:10					
10000	4536	300	5.9	1.8	0:55					
12500	5670	380	4.2	1.3	0:40					

