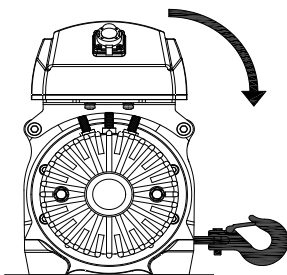
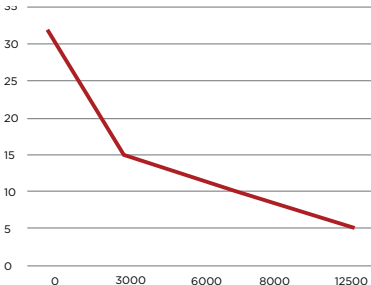
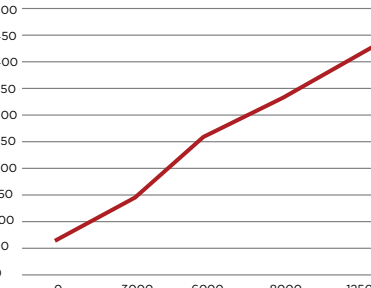




Engineering Data						Drum Rotation	
Rated Pulling Force:		12500 lb		5670 kg		 Viewed from motor end Pull from bottom of winch	
Drum Barrel Diameter:		2.48 in		63 mm			
Drum Flange Diameter:		5.94 in		151 mm			
Distance Between Flanges:		8.54 in		217 mm			
Rope Diameter:(Steel Rope)		3/8 in		9.2 mm			
Recommended Min.Rope Breaking Strength:		17000 lb		7711 kg			
Maximum Layers of Rope:		4					
Motor (12V):		Input: 4.6kw/6.2hp; Output: 2.1kw/2.8hp					
Gear Reduction:		228:1					
Brake Type:		Patented ratchet					
Net weight:		82.6 lb		37.5 kg			
Performance By Layer - 3/8"(9.2mm) dia.rope							
Drum Layer	Line Load			No Load Speed		Drum Capacity	
	lb	kg	kN	ft/min	m/min	ft	m
1	12500	5670	55.6	32.2	9.8	16.1	4.9
2	9800	4445	43.5	37.1	11.3	36.4	11.1
3	8075	3662	35.9	44.9	13.7	61	18.6
4	6860	3110	30.5	52.5	16	85	26
*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	65	32.2	9.8	5:30		
3000	1361	140	14.8	4.5	2:10		
6000	2722	260	10.5	3.2	1:40		
8000	3629	320	7.5	2.3	1:10		
12500	5670	420	4.6	1.4	0:30		

LINE SPEED ft/min					
	0	3000	6000	8000	12500
LINE LOAD Lbs					
CURRENT DRAW A					
	0	3000	6000	8000	12500
LINE LOAD Lbs					

