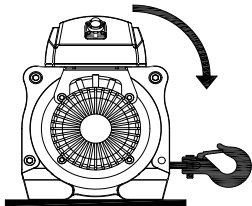






Engineering Data					Drum Rotation					
Rated Pulling Force:	20000 lb		9072 kg		 <p>Viewed from motor end Pull from bottom of winch</p>					
Drum Barrel Diameter:	3.5 in		89 mm							
Drum Flange Diameter:	7.6 in		193 mm							
Distance Between Flanges:	8.6 in		219 mm							
Rope Diameter:(Steel Rope)	15/32 in		12 mm							
Recommended Min.Rope Breaking Strength:	25000 lb		11340 kg							
Maximum Layers of Rope:	4									
Motor (12V):	Input:6.2kw/8.3hp; Output:3.3kw/4.4hp									
Gear Reduction:	430:1									
Brake Type:	Automatic screw cone									
Net weight:	147.7 lb		67 kg		 <p>LINE SPEED ft/min</p> <p>LINE LOAD Lbs</p>					
Performance By Layer - 15/32" (12mm) dia. rope										
Drum Layer	Line Load			No Load Speed				Drum Capacity		
	lb	kg	kN	ft/min				m/min	ft	m
1	20000	9072	88.9	22				6.7	18	6
2	16160	7330	71.8	26.9				8.2	40.7	13
3	13557	6149	60.3	32.1				9.8	65.9	20
*Never exceed Rated Pulling Force. A Rated Capacity Limiter is recommended.								 <p>CURRENT DRAW A</p> <p>LINE LOAD Lbs</p>		
First Layer Performance										
Line Load		Current Draw	Line Speed							
lb	kg	Amps	ft/min	m/min	min/10min					
0	0	65	22	6.7	4:50					
6000	2722	190	7.2	2.2	2:00					
10000	4536	260	5.6	1.7	1:40					
12500	5670	305	4.9	1.5	1:25					
14000	6350	330	4.6	1.4	1:05					
20000	9072	420	3.3	1.0	0:55					

