WARRIOR WINCHES

MODEL / 95DVA12-CAD

MOTOR TYPE / Electric 12V

Engineering Data		
Rated Pulling Force:	9500 lb	4309 kg
Drum Barrel Diameter:	2.48 in	63 mm
Drum Flange Diameter:	5.94 in	151 mm
Distance Between Flanges:	4.72 in	120 mm
Rope Diameter:(Steel Rope)	0.37 in	9.5 mm
Recommended Min.Rope Breaking Strength:	18000 lb	8165 kg
Maximum Layers of Rope:	4	
Motor (12V):	Input:4.6kw/6.1hp; Output:2.1kw/2.8hp	
Gear Reduction:	196:1	
Brake Type:	Patented ratchet	
Net weight:	59.5 lbs	27 kg

Performance By Layer - 0.37" (9.5mm) dia.rope

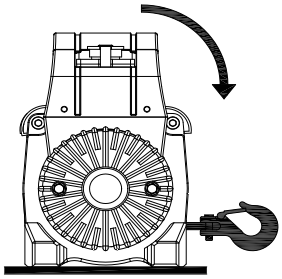
Drum Layer	Line Load			No Load Speed		Drum Capacity	
	lb	kg	kN	ft/min	m/min	ft	m
1	9500	4309	42.2	36	11	9.8	3
2	7600	3447	33.7	43	13.1	24.6	7.5
3	6200	2812	27.6	50.8	15.5	42.7	13
4	5400	2449	24	58.7	17.9	49.2	15

*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	50	36	11	5:00
3000	1360	150	15.4	4.7	1:50
6000	2722	260	10.5	3.2	1:20
8000	3629	300	8.2	2.5	0:55
9500	4309	355	6.5	2	0:35

Drum Rotation



Viewed from motor end
Pull from bottom of winch

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