

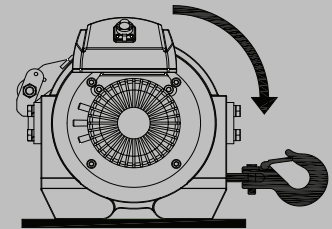
T225A12-CAD



ENGINEERING DATA

Rated Pulling Force:	25000 lb	11340 kg
Drum Barrel Diameter:	4.72 in	120 mm
Drum Flange Diameter:	9.84 in	250 mm
Distance Between Flanges:	7.8 in	198 mm
Rope Diameter:(Steel Rope)	7/13 in	13.8 mm
Recommended Min.Rope Breaking Strength:	35000 lb	15876 kg
Maximum Layers of Rope:	4	
Motor (12V):	Input: 5.5kw/7.4hp; Output: 2.9kw/3.9hp	
Gear Reduction:	450:1	
Brake Type:	Patented ratchet	
Net weight:	172 lb	78 kg

DRUM ROTATION

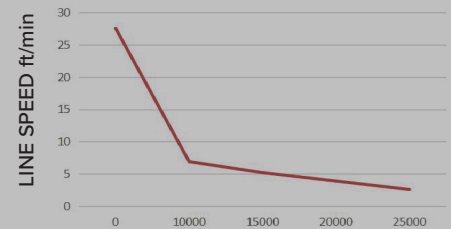


Viewed from motor end
Pull from bottom of winch

PERFORMANCE BY LAYER - 7/13" (13.8MM) DIA.ROPE

Drum Layer	Line Load			No Load Speed		Drum Capacity	
	lb	kg	kN	ft/min	m/min	ft	m
1	25000	11339	111.1	27.5	8.4	17.7	5.4
2	20724	9400	92.1	33.1	10.1	39.4	12
3	17698	8027	78.6	38.7	11.8	62.3	19
4	15443	7005	68.6	44.6	13.6	65.6	20

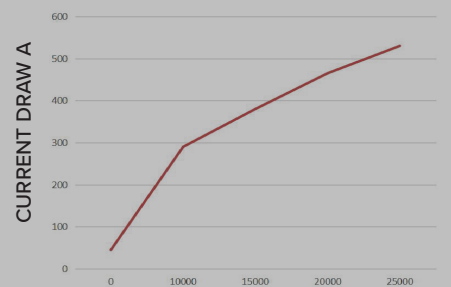
*Never exceed Rated Pulling Force. A Rated Capacity Limiter is recommended.



LINE LOAD Lbs

FIRST LAYER PERFORMANCE

Line Load		Current Draw	Line Speed		Duty Cycle
lb	kg	Amps	ft/min	m/min	min/10min
0	0	45	27.5	8.4	5:30
5000	2268	190	9.5	3	2:00
10000	4536	290	6.9	2.1	1:35
15000	6804	380	5.2	1.6	1:10
20000	9072	465	3.9	1.2	0:50
25000	11340	530	2.6	0.8	0:30



LINE LOAD Lbs

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