
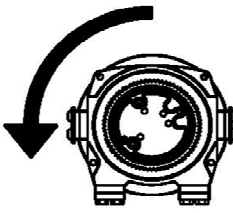
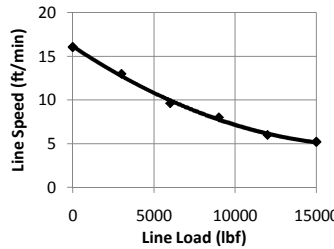
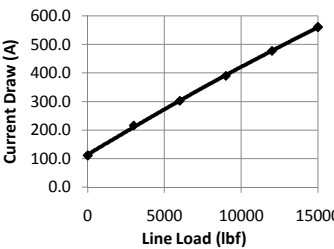
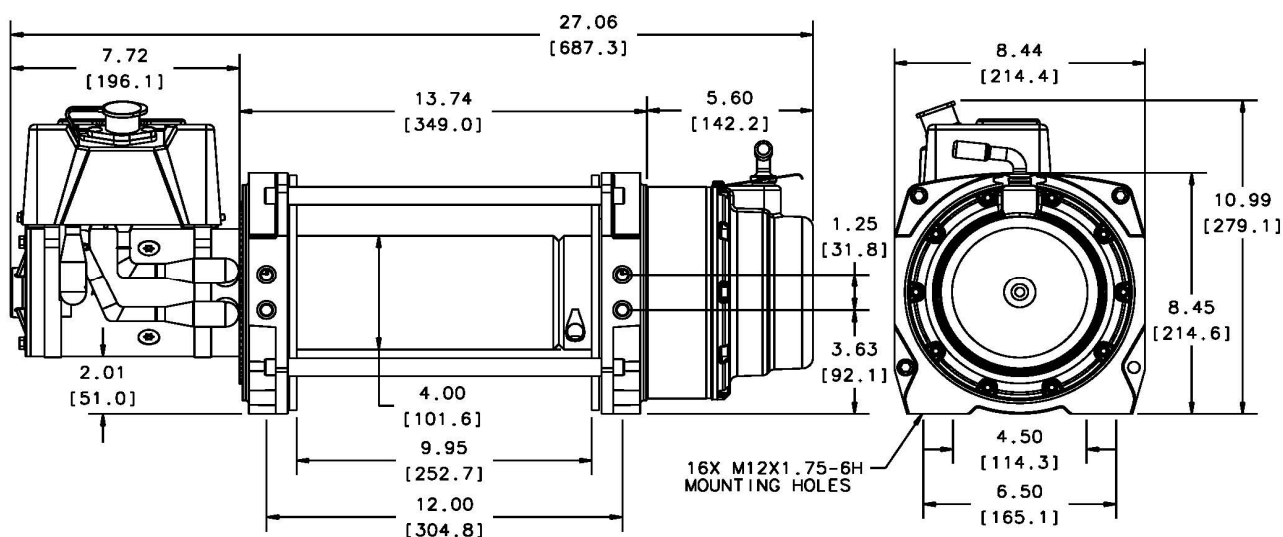
		WARN Industrial Winch		Model	Part Number	Motor Type	
				Series 15-A-1D Electric Winch Manual Clutch	66032	DC Electric 12 Volt Series Wound	
				The Series 15 DC features an extended run time high powered DC motor with a weatherproof industrial contactor and heavy duty remote control. The disc brake is designed for extended power-out use. Designed to meet SAE J706 standards. The motor is protected by a thermal over load switch.			
				*Remote Control Assembly, 10m included			
				Accessories			
		Description:		Part Number			
		Wire Rope Tension Plate 10"		31149			
		Fairlead Black 10"		24336			
		Fairlead Chrome 10"		30859			
		Remote Clutch Mechanical		38316			
		Remote Clutch Air		71370			
		Wire Rope Assembly 1/2"x75'		77534			
Engineering Data				Drum Rotation		Standards Compliance 1. -SAE J706	
Rated Pulling Force:	15000 lbf	6804 kgf	 Viewed from Motor End				
Drum Barrel Diameter:	4.0 in	102 mm					
Drum Flange Diameter:	8.24 in	209 mm					
Distance Between Flanges:	9.95 in	253 mm					
Recommended Maximum Wire Rope Diameter:	1/2 in	12.7 mm					
Recommended Minimum Wire Rope Breaking Strength:	26600 lbf	12066 kgf					
Approximate Shipping Weight:	106.0 lb	48.1 kg					
Duty Cycle (intermittent per SAE J706 section 6.2):	55 ft	16.8 m					
Mounting Bolt Torque:	35 - 40 ft*lb	47 - 54 N*m					
Maximum Layers of Wire Rope:	3 (with 1/2" dia. rope)						
Gear Reduction:	315:1						
Brake Type:	Disk						
Contactor / Remote Type: Industrial contactor with 33' (10m) heavy duty remote							
Performance By Layer- 1/2" (12.7 mm) dia. rope							
Drum Layer	Line Load *			No Load Line Speed		Drum Capacity	
	lbf	kgf	kN	ft/min	m/min	ft	m
1	15000	6804	66.7	16.1	4.9	20	6.1
2	12272	5566	54.6	19.6	6.0	45	13.7
3	10384	4710	46.2	23.2	7.1	75	22.9
* Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.							
First Layer Performance							
Line Load		Current Draw	Line Speed		Duty Cycle		
lbf	kgf	Amps	ft/min	m/min	min/10min		
0	0	111.0	16.1	4.9	6.2		
3000	1361	216.0	13.0	4.0	2.3		
6000	2722	302.0	9.6	2.9	1.4		
9000	4082	390.0	8.0	2.4	1.1		
12000	5443	477.0	6.0	1.8	1.0		
15000	6804	561.0	5.2	1.6	0.8		
							
							
WARN INDUSTRIES, INC Industrial Products		Customer Service (North America): 1.800.543.9276 Customer Service (International): 1.503.722.3008 FAX: 1.503.722.3000 www.warn.com			12900 S.E. Capps Road, Clackamas, OR USA 97015		



WARN Industrial Winch

Model	Part Number	Motor Type
Series 15-A-1D Electric Winch Manual Clutch	66032	DC Electric 12 Volt Series Wound



Motor / Contactor may be rotated in 90 degree increments. Clutch housing may be rotated in 72 degree increments.

Units are given in inches [millimeters], unless otherwise specified

Recommended Mounting- Always Observe Correct Drum Rotation			Electrical System Specifications
Pull from bottom of winch	Pull from bottom of winch	Pull from top of winch	650 CCA Battery Minimum
			See Electrical Cable Gauge Size Chart for cable sizing
Feet down	Feet forward	Feet forward	All electrical connections must be clean and tight
Pull from top of winch	Pull from top of winch	Pull from top of winch	Electrical System Wiring Schematic
Feet down without angle brace	Feet down with angle brace	Angle Braces Only	Notes:

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