

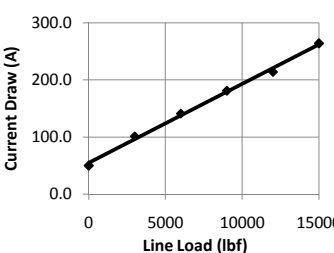
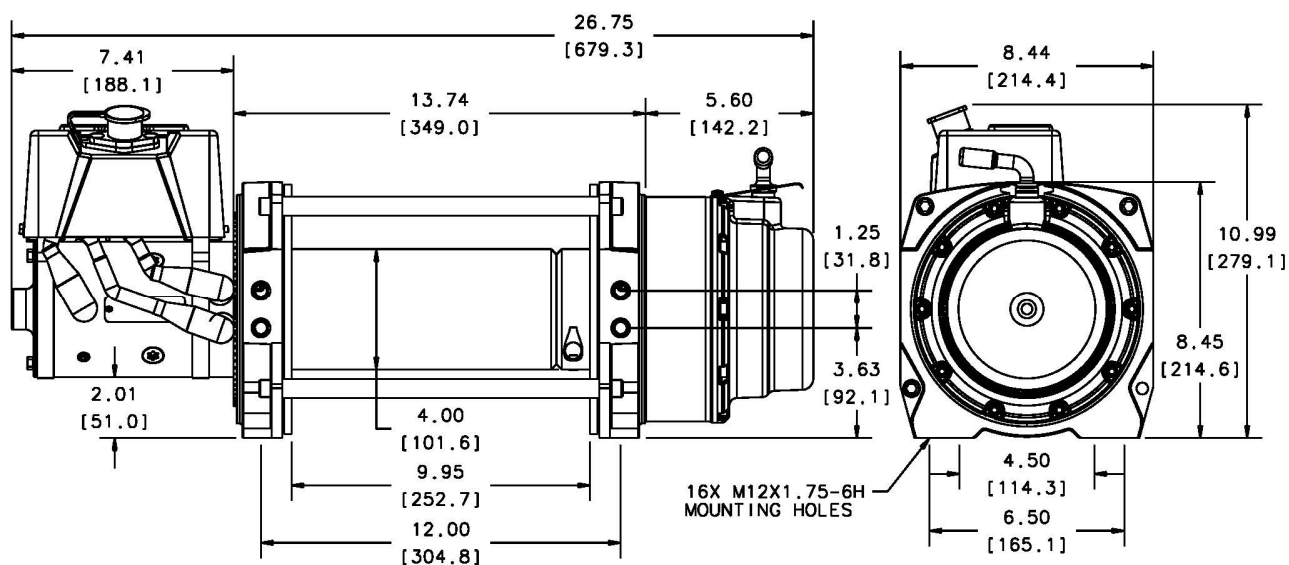
		WARN Industrial Winch		Model	Part Number	Motor Type																																		
				Series 15-A-2D Electric Winch Manual Clutch	65932	DC Electric 24 Volt Series Wound																																		
				The Series 15 DC features an extended run time high powered DC motor with a weatherproof industrial contactor and heavy duty remote control. The disc brake is designed for extended power-out use. Designed to meet SAE J706 and CE standards. The motor is protected by a thermal overload 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 2. -CE Machinery Directive 98/37/EC and 2006/42/EC 3. -CE Electromagnetic Compatibility 2004/108/EC																																		
<table><tr><td>Rated Pulling Force:</td><td>15000 lbf</td><td>6804 kgf</td></tr><tr><td>Drum Barrel Diameter:</td><td>4.0 in</td><td>102 mm</td></tr><tr><td>Drum Flange Diameter:</td><td>8.24 in</td><td>209 mm</td></tr><tr><td>Distance Between Flanges:</td><td>9.95 in</td><td>253 mm</td></tr><tr><td>Recommended Maximum Wire Rope Diameter:</td><td>1/2 in</td><td>12.7 mm</td></tr><tr><td>Recommended Minimum Wire Rope Breaking Strength:</td><td>26600 lbf</td><td>12066 kgf</td></tr><tr><td>Approximate Shipping Weight:</td><td>104.0 lb</td><td>47.2 kg</td></tr><tr><td>Duty Cycle (intermittent per SAE J706 section 6.2):</td><td>55 ft</td><td>16.8 m</td></tr><tr><td>Mounting Bolt Torque:</td><td>35 - 40 ft*lb</td><td>47 - 54 N*m</td></tr><tr><td>Maximum Layers of Wire Rope:</td><td colspan="2">3 (with 1/2" dia. rope)</td></tr><tr><td>Gear Reduction:</td><td colspan="2">315:1</td></tr><tr><td>Brake Type:</td><td colspan="2">Disk</td></tr></table>			Rated Pulling Force:	15000 lbf	6804 kgf		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:	104.0 lb	47.2 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		 Viewed from Motor End
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				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	15.4	4.7	20	6.1																																
2		12273	5567	54.6	18.9	5.8	45	13.7																																
3		10385	4711	46.2	22.3	6.8	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	49.7	15.4	4.7	5.5																																			
3000	1361	101.0	12.6	3.8	2.1																																			
6000	2722	141.0	9.8	3.0	1.4																																			
9000	4082	181.0	8.0	2.4	1.1																																			
12000	5443	214.0	6.5	2.0	0.9																																			
15000	6804	264.0	5.5	1.7	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
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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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