

WARN Industrial Winch

Model	Part Number	Motor Type		
Series 12-A-2D Electric Winch Manual Clutch	30290	DC Electric 24 Volt Series Wound		



The Series 12 DC features a weatherproof industrial contactor and heavy duty remote control. The disc brake is designed for extended power-out use and the motor is protected by a thermal over-load switch. Designed to meet SAE J706 and CE standards.

*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 7/16"x100' EIPS	23678

Engineering Data					
Rated Pulling Force:	12000 lbf	5443 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:	20400 lbf	9253 kgf			
Approximate Shipping Weight:	101.0 lb	45.8 kg			
Duty Cycle (intermittent per SAE J706 section 6.2):	60 ft	18.3 m			
Mounting Bolt Torque:	35 - 40 ft*lbf	47 - 54 N*m			
Maximum Layers of Wire Rope: 4 (with 7/16" dia. rope)					
Gear Reduction:	261:1				
Brake Type: Disk					
Contactor / Remote Type: Industrial contactor with 33' (10m) heavy duty remote					

Drum Rotation

Viewed from Motor End

Standards Compliance

- 1. -SAE J706 2.-CE Machinery Directive 98/37/EC and
- 2006/42/EC 3. -CE Electromagnetic Compatibility 2004/108/EC

Performance B	y Layer- 7/16"	(11.1 mm) dia. rope
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Drum Layer	Line Load *			No Load Line Speed		Drum Capacity	
Druin Layer	lbf	kgf	kN	ft/min	m/min	ft	m
1	12000	5443	53.4	18.1	5.5	23	7.0
2	10024	4547	44.6	21.6	6.6	51	15.5
3	8606	3904	38.3	25.2	7.7	84	25.6
4	7540	3420	33.5	28.7	8.7	121	36.9

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	Line Load		Current Draw Line Speed		Duty Cycle		
	lbf	kgf	Amps	ft/min	m/min	min/10min	٦,
	0	0	49.0	18.1	5.5	5.6	-€
	2000	907	91.0	15.4	4.7	2.4	Draw
	4000	1814	125.0	12.2	3.7	1.6	Current
	6000	2722	160.0	10.5	3.2	1.2	Ī
	8000	3629	189.0	9.3	2.8	1.0	7
	10000	4536	226.0	7.9	2.4	0.8	7
	12000	5443	249.0	7.0	2.1	0.8	

300.0 200.0 0.0 0 4000 8000 12000 Line Load (lbf)

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

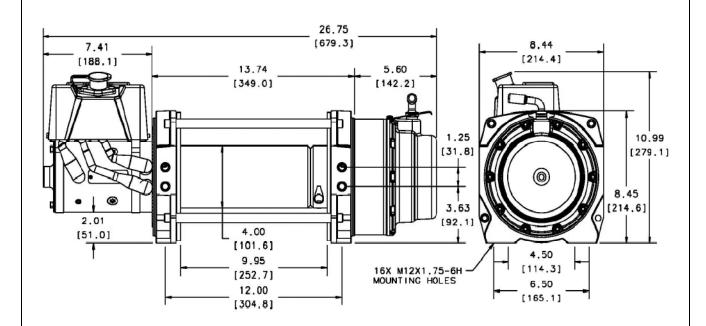
12900 S.E. Capps Road, Clackamas, OR USA 97015 12000

^{*} Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.



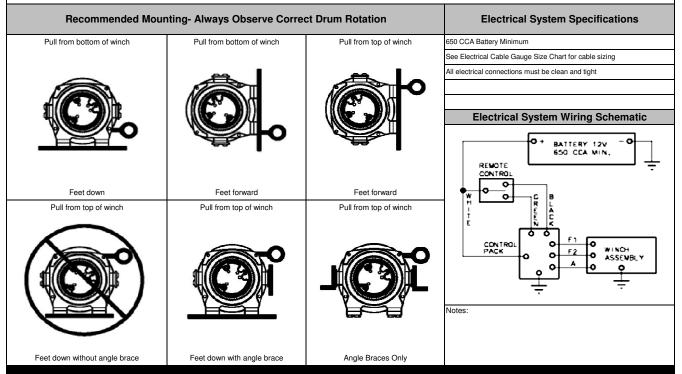
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Motor / Contactor may be rotated in 90 degree increments. Clutch housing may be rotated in 72 degree increments.

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



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