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1VN79



1VN80



115VAC Worm Gear Winches

Power "In" and "Out" with 15 min. of continuous "On" time at full load. Internal mechanical brake provides positive load control for lifting and lowering. Ball bearings and self-aligning bronze bearings provide smooth operation. Corrosion-resistant, cast-aluminum gearbox and drum. Single-phase motor has power cord and push-button control. Winch cable is available separately.

2ZU40 features high-speed direct drive, and includes 8-ft. pendant cord.

1VN79 may be permanently installed in industrial settings. **1VN80** has handles and large wire rope storage.

1st Layer Load Cap.	Motor HP	Winch Drum Capacity		Overall Dim.			Item No.
		1/4" Cable	5/16" Cable	L	W	H	
800 lb	1.0 hp	280 ft	190 ft	17 1/2 in	21 in	12 3/4 in	2ZU40
2,000 lb	1.3 hp	130 ft	90 ft	14 3/8 in	8 7/8 in	17 1/2 in	1VN79
2,000 lb	1.3 hp	280 ft	190 ft	16 5/8 in	17 3/4 in	14 1/2 in	1VN80

Layer	No. 2ZU40		No. 1VN79		No. 1VN80	
	Max. Load	Line Speed	Max. Load	Line Speed	Max. Load	Line Speed
1	800 lb.	26 fpm	2000	13 fpm	2000 lb.	8 fpm
2	680 lb.	31 fpm	1700	15 fpm	1600 lb.	10 fpm
3	600 lb.	35 fpm	1500	17 fpm	1400 lb.	11 fpm
4	530 lb.	39 fpm	1300	19 fpm	1200 lb.	13 fpm
5	480 lb.	44 fpm	1200	21 fpm	1100 lb.	15 fpm



Planetary Gear
6DLV4



AC Electric Winches

Include power In/Out. Pulling capacity given as a reference only and does not include friction factors that will vary according to specific applications.

Note: Not recommended for outdoor use or areas where units could get wet. Should be used with a ground fault circuit interrupter.

PLANETARY GEAR

All-steel, high-speed winches have prewired remote on 6-ft. cable with cable tension plate. Includes mounting bolts.

SPUR GEAR

Dutton-Lainson StrongArm models are rugged, high-performance winches with efficient spur gear systems. Pulling capacities are based on third layer of cable rather than the first for a more realistic estimate of actual use. Precision needle bearings provide low friction and longer life. Final drive gears are heat-treated carbon steel for greater strength. Dynamic motor brake and friction brake for load holding. High-impact cover and stainless steel front plate completely enclose cable drum. Factory installed, 10-ft. remote control cord.



Spur Gear
13R483

Pulling Capacity *	1st Layer Line Speed	No Load Line Speed	Voltage Rating	Full Load Amps	Rope Material	Included Rope Dia.	Included Rope Length	Gear Type	Clutch Release	Mechanical Brake	Winch Dim.			Brand	Item No.
											L	W	H		
Planetary Gear															
1,000 lb	6.6 fpm	10.1 fpm	115V AC	6.5 A	Wire	3/16 in	43 ft	Differential Planetary	Yes	No	15 3/7 in	6 in	6 1/4 in	Warn	6DLV4
3,000 lb	8.1 fpm	12.2 fpm	115/230V AC	20.9 A	Wire	5/16 in	100 ft	3-Stage Planetary	Yes	Yes	25 3/4 in	8 3/4 in	8 in	Warn	6DLV3
Spur Gear															
1,200 lb	9.0 fpm	35.0 fpm	115V AC	8 A	Wire	3/16 in	20 ft	Spur	Yes	Yes	10 13/16 in	8 3/8 in	8 1/8 in	StrongArm	13R483
2,700 lb	2.0 fpm	9.0 fpm	120V AC	7 A	Wire	7/32 in	50 ft	Spur	Yes	Yes	11 3/8 in	8 13/16 in	8 in	StrongArm	13R481
2,700 lb	3.5 fpm	18.0 fpm	115V AC	8 A	Wire	7/32 in	25 ft	Spur	No	Yes	11 3/8 in	8 1/8 in	8 in	StrongArm	13R482
2,700 lb	3.5 fpm	18.0 fpm	115V AC	8 A	Wire	7/32 in	25 ft	Spur	Yes	Yes	11 3/8 in	8 1/8 in	8 in	StrongArm	33W158

* Pulling capacity is based on first layer of cable on the drum.



3KEJ9



Hydraulic Planetary Winches

Perfect for most tow, utility, and trailer applications. Hydraulic motors and hardened steel, 2-stage planetary gear trains deliver efficient and reliable operation, plus fast line speeds. Anticlockwise drum rotation.

1st Layer Line Pull	Min. Required Flow	Max. Pressure	Winch Dim.		Recommended Wire Rope Dia.	Item No.
			L	W	H	
9,000 lb	10 gpm	2,200 psi	23 1/32 in	8 7/8 in	9 9/16 in	3KEK2
12,000 lb	10 gpm	1,950 psi	24 5/32 in	8 7/8 in	9 9/16 in	3KEJ9