



5500 lbs. 2.500 Kg. Personnel Winch 4 Brakes Full Program Control Variable Speed

Key features

- Load Capacity: Supports up to 5,500 lbs (2,500 kg), designed for heavy-duty personnel lifting and handling.
- Full Program Control: Allows for comprehensive and customizable control over lifting and lowering operations, enabling precise and flexible management.
- Variable Speed: Features adjustable speed settings for smooth and controlled operation, accommodating various lifting needs.
- 3 Year Warranty, Customer Support and Service in the USA

Winch Description

This personnel winch supports a 5,500 lbs (2,500 kg) capacity and features a comprehensive braking system with four brakes for enhanced safety. It includes full program control and variable speed settings, offering precise and adaptable performance for various lifting and pulling applications.

Technical Specifications

1st Layer Rated Capacity	16900 lb / 7700 kg	Drum Brake	>125% (Rated Load / Capacidad Nominal)
Speed (f/m) / min	3~20 m	Free Spooling Clutch Type	No
Number of Speeds	Variable Speed	Wire Rope	ø7/8 in x 820 ft ø22.2 mm x 250 m
Voltage	3 Phase 208~240/440~480V 50/60Hz	Humidity	<85%
IEC Motor Protection	Motor IP54 / Control Box IP65	Accessories	SEW Eurodrive Choke Encoder
Control	Multifunction Programable Control Desk / Pupitre de Control Programable	Standards Compliance	ASMEB30.7 / B30.10/ B30.23/ ANSI-AWS D14.3/ RR-W-410E/ ISO2232,2006/95/CE, EN 61.800-5-1/ DIN VDE T 105, EN 60439-1/ VDE 0660, Part/Parte 500&EN 60146/VDE 0558
Control Voltage	24 v	Warranty	3 Year

OPT I O N A L			
Rope Diameter 5/8 Inch			
Nominal Strength 40.192 Lb			
Rope weight x Ft 0,72 Lb			
Layer	Rope on drum ft	Lifting x Layer Lb	Speed ft/min
1	116	16.976	33,2
2	243	15.403	36,5
3	383	14.097	39,9
4	534	12.995	43,3
5	697	12.053	46,7
6	872	11.239	50,1
7	1.058	10.527	53,5
8	1.257	9.900	56,9
9	1.467	9.344	60,2
10	1.689	8.847	63,6


O P C I O N A L			
Cable 15,8 mm			
Resistencia Nominal 18.231 Kg			
Peso cable x Mt 1,1 Kg			
Capa	Mts x Capa	Cap. Kg. x Capa	Velocidad Mts/min
1	35	7.700	10,1
2	74	6.987	11,1
3	117	6.394	12,2
4	163	5.895	13,2
5	212	5.467	14,2
6	266	5.098	15,3
7	323	4.775	16,3
8	383	4.491	17,3
9	447	4.238	18,4
10	515	4.013	19,4

PERFORMANCE/ DESEMPEÑO

O P T I O N A L			
Rope Diameter 7/8 Inch			
Nominal Strength 77.587 Lb			
Rope weight x Ft 1,42 Lb			
Layer	Rope on drum ft	Lifting x Layer Lb	Speed ft/min
1	82	16.976	33,2
2	177	14.846	37,9
3	283	13.191	42,7
4	400	11.868	47,4
5	530	10.786	52,2
6	672	9.885	56,9
7	825	9.123	61,7

O P C I O N A L			
Cable 22,2 mm			
Resistencia Nominal 35.193 Kg			
Peso cable x Mt 2,1 Kg			
Capa	Mts x Capa	Cap. Kg. x Capa	Velocidad Mts/min
1	25	7.700	10,1
2	54	6.734	11,6
3	86	5.983	13,0
4	122	5.383	14,5
5	162	4.893	15,9
6	205	4.484	17,4
7	251	4.138	18,8

SERVICE FACTOR / FACTOR DE SERVICIO

► SERVICE/SERVICIO	► LOAD / CARGA	► TIME / TIEMPO	► MAINTENANCE (Months) / MANTENIMIENTO (meses)
Normal	< 65%	< 25%	6 ~ 12
Heavy / Pesado	> 65%	> 25%	3 ~ 6
Severe / Severo	 Abnormal Conditions En condiciones Anormales Environmental, Geographical y Risky Ambientales, Geográficas y Riesgosos < 100%	< Duty Cycle limit < Límite Ciclo de Trabajo	1 ~ 3

O P T I O N A L			
Rope Diameter 3/4 Inch			
Nominal Strength 57.391 Lb			
Rope weight x Ft 1,04 Lb			
Layer	Rope on drum ft	Lifting x Layer Lb	Speed ft/min
1	96	16.976	33,2
2	204	15.119	37,2
3	324	13.629	41,3
4	456	12.406	45,4
5	599	11.385	49,4
6	755	10.519	53,5
7	922	9.775	57,6
8	1.101	9.130	61,7

O P C I O N A L			
Cable 19,0 mm			
Resistencia Nominal 26.032 Kg			
Peso cable x Mt 1,5 Kg			
Capa	Mts x Capa	Cap. Kg. x Capa	Velocidad Mts/min
1	29	7.700	10,1
2	62	6.858	11,3
3	99	6.182	12,6
4	139	5.627	13,8
5	183	5.164	15,1
6	230	4.771	16,3
7	281	4.434	17,6
8	336	4.141	18,8

Dimensions in mm / Dimensiones en mm

