

DV-12

11 904 LB/ 5.4 T Self-Recovery Winch



PN 850012 12V
PN 850124 24V

Features Include

- Robust and Reliable electric winch for commercial and recreational applications.
- 3,430w/12V or 1,940w/24V series wound motor.
- Free spool clutch with Stainless Steel T Handle can be rotated to suit various mounting arrangements.
- Hardened steel, 3-stage planetary gear train for efficient and reliable operation.
- Water-proof remote control with thermometric LED indicator alerts when the motor is over-heated.
- Mechanical cone brake holds the full load without slipping.
- Submersible sealed contactor handles high amps and allows higher duty cycle.
- Separate solenoid box can be remote mounted leaving a low profile winch ideal for discrete mounting.

Specifications

- Rated line pull: 5 443 kg single line.
- Line speed (1st layer):
 - 12 v 8 m/m 50 amp at no load
 - 24 v 8 m/m 30 amp at no load
 - 12 v 1.0 m/m 350 amp at full load
 - 24 v 1.0m/m 210 amp at full load
- Motor:
 - 12 v 3 430 w / 4.6 hp series wound
 - 24 v 1 940 w / 2.6 hp series wound
- Gear ratio: 3-stage planetary 211:1
- Clutch (free-spooling): Rotating ring gear.
- Brake (outside the drum): Automatic, full load cone brake.
- Winch construction: Aluminum die-cast housings with steel drum.
- Drum size: 63.5 x 229 mm
- Control: Weather proof 5m remote with thermometric indicator LED
- Wire Rope: Galvanized aircraft A7 x 19
- Size: 9.5 mm x 25 m
- Mounting bolts pattern: 254 x 114 mm

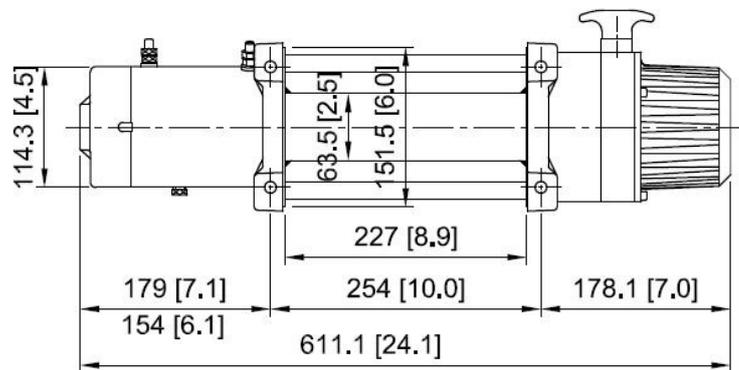
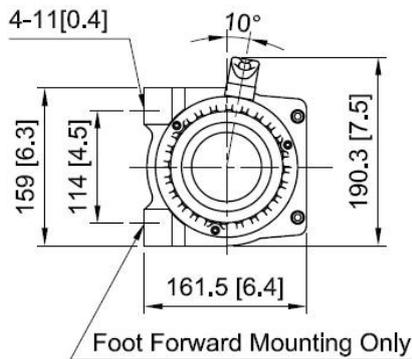
Line Pull and Rope Capacity

ROPE LAYER	PULL BY LAYER (KG / LB)	TOTAL ROPE ON DRUM (M)
1	5 443 / 12 000	5.4
2	4 319 / 9 522	12.2
3	3 580 / 7 893	20.5
4	3 056 / 6 737	25.0

LINE SPEED & AMP DRAW (1st Layer of Wire Rope on the Drum)

LINE PULL (KG / LB)	LINE SPEED (MPM)	AMP DRAW (12V)	AMP DRAW (24V)
No Load	8.0	50	30
1 814 / 4 000	3.0	120	70
3 629 / 8 000	1.5	230	140
4 536 / 10 000	1.2	290	180
5 443 / 12 000	1.0	350	210

Dimensions mm/inch



NB: Neither the roller fairlead nor the solenoid enclosure mount to the winch.

Packaging

- Winch Weight (including rope): 34 kg
- Gross Weight: 49 kg
- Box Dimensions: 650 x 192 x 415 mm

Accessories

- Roller fairlead
- Remote control 5 m cord
- Detachable control box
- 1.3 m 2-gauge battery lead
- Wire rope w safety hook
- Hand-saver strap
- Mounting channel (OPTIONAL)
- Snatch block (OPTIONAL)
- Winch accessory kit (OPTIONAL)

WARNING!

- Do not use winch to transport, lift or otherwise move personnel.
- The rated line pull shown is based on the first layer of wire rope on the drum.
- The wire rope must remain on the drum at all time with at least 5 wraps.

Warranty

Limited lifetime warranty for mechanical components and one (1) year warranty for electrical components from date of purchase. Wire/Synthetic ropes are not included under warranty.