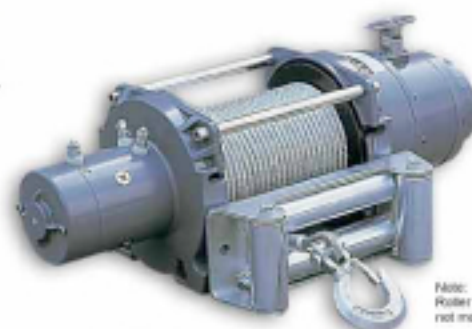


SELF-RECOVERY WINCH

DV-12000

- Heavy duty series wound motor gives high torque and fast line speed
- Detachable solenoid pack mounted elsewhere on the vehicle
- High efficiency 3-stage planetary gear train for greater pulling force
- The U.S. Germany, U.K., France, etc patented automatic cone brake holds full load, maintenance with easy
- The greater the load on the wire rope, the greater amount of brake that is applied by the mechanism.
- Rotating ring gear freespool is a pull and turn design for rapid wire rope payout



Note:
Roller fairlead does
not mount to winch



SPECIFICATION

Line Pull	5,443 kg / 12,000 lb
Motor 12V	4,175 w / 5.6 Hp
24V	2,684 w / 3.6 Hp
Gear Train	3 stage planetary gears
Gear Ratio	261 : 1
Freespool	rotating ring gear
Brake	automatic, full load cone brake
Wire Rope Size	ø9.5 mm x 38 m (ø3/8" x 125')
Wire Rope Type	galvanized aircraft A7 x 19
Drum Size	ø89 mm x 206 mm (ø3.5" x 8.1")
Mounting bolts pattern	254 mm x 114.3 mm x 165.1 mm (10" x 4.5" x 6.5")

※ Limited Lifetime Warranty

STANDARD ACCESSORIES

- Detachable solenoid pack WA-0802
- Remote control WA-0310
- Wire rope with hook
- Roller fairlead WA-0510
- 1.8 m (6') 2 gauge battery lead
- Handsaver strap

LINE PULL AND ROPE CAPACITY

Layer of Wire Rope	Line Pull kg / lb	Total Rope on the Drum m/ft
1st Layer	5,443 / 12,000	6.2 / 20.3
2nd Layer	4,561 / 10,056	13.6 / 44.6
3rd Layer	3,926 / 8,657	22.1 / 72.5
4th Layer	3,446 / 7,599	31.9 / 105
5th Layer	3,070 / 6,770	38 / 125

LINE SPEED AND AMP. DRAW

(1 st layer of wire rope on the drum)

Line Pull kg/lb	Line Speed mpm / fpm	Amp. Draw	
		12V	24V
No Load	8.3 / 27	60	50
1,814 / 4,000	2.6 / 8.6	200	100
3,629 / 8,000	1.7 / 5.8	310	190
4,535 / 10,000	1.4 / 4.4	370	230
5,443 / 12,000	1.2 / 4	440	290

PACKAGE

Winch Weight	40 kg / 88.1 lb
Gross Weight	67 kg / 147.7 lb
Box Dimension	700 x 250 x 420 mm (27.5" x 9.8" x 16.5")



DIMENSION mm / in

