

SELF-RECOVERY WINCH

DS-9.5i

• Extreme Durable Motor

Heavy duty series wound motor delivers superior torque output and faster line speed

• Aluminum Alloy Housing

Tough aluminum alloy die cast housing provides massive structural durability

• Durable 3 stage planetary gear train

3 stage planetary gearbox delivers the most reliable and durable performance of winch under the worst condition.

• Automatic, full load cone brake

The U.S. Germany, UK, France, etc patents of automatic full load cone brake holds full loads. The greater the load on the wire rope, the greater amount of brake that is applied by the mechanism.

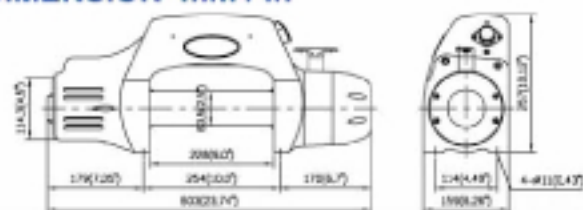
• Rapid wire rope payout

8 equally spaced freespooling pin holes have the freespooling positioned actually for a rapid payout of wire rope with ease.

• Protective thermal sensor LED

Motor mounted thermal control detecting temperature information shows signal on the remote switch and aluminum control pack

DIMENSION mm / in



Sealed solenoid

Heavy duty sealed solenoid gives better water resistance and lower amp draw

Extreme durable motor

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Aluminum alloy housing

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Note: Rubber fairlead does not mount to winch

SPECIFICATION

Line Pull	4,309 kg / 9,500 lb
Motor 12V	3,730 w / 5 hp
24V	2,088 w / 2.8 hp
Gear Train	3 stage planetary gears
Gear Ratio	159 : 1
Freespool	rotating ring gear
Brake	automatic, full load cone brake
Wire Rope Size	ø8.7 mm x 30 m (ø11/32" x 100')
Wire Rope Type	galvanized aircraft A7 x 19
Drum Size	ø63.5 mm x 228 mm (ø2.5" x 9")
Mounting bolts pattern	254 mm x 114 mm (10" x 4.49")
※ Limited Lifetime Warranty	

PACKAGE

Winch Weight	38.5 kg / 85 lb
Gross Weight	52.5 kg / 116 lb
Box Dimension	660 x 208 x 436 mm (26" x 8.2" x 17.2")

STANDARD ACCESSORIES

- Integrated solenoid pack
- Remote control WA-0313
- Wire rope with hook
- Roller fairlead WA-0510
- 1.8 m (6") 2 gauge battery lead
- Snatch block CBV-22
- Handsaver strap

LINE PULL AND ROPE CAPACITY

Layer of wire rope	Line Pull kg / lb	Total Rope on the Drum m/ft
1st Layer	4,309 / 9,500	5.7 / 18.9
2nd Layer	3,470 / 7,650	12.8 / 42
3rd Layer	2,905 / 6,400	21.3 / 70
4th Layer	2,498 / 5,500	30 / 100

LINE SPEED AND AMP. DRAW

(1st layer of wire rope on the drum)

Line Pull kg / lb	Line Speed mpm.fpm	Amp. Draw	
		12V	24V
No Load	19 / 62	60	35
907 / 2,000	4.6 / 15.1	115	70
1,814 / 4,000	3.4 / 11.2	210	110
2,722 / 6,000	2.7 / 8.9	245	145
3,629 / 8,000	2.3 / 7.6	280	190
4,309 / 9,500	2.1 / 6.8	380	250