

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.

• Sealed solenoid

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

• 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

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	

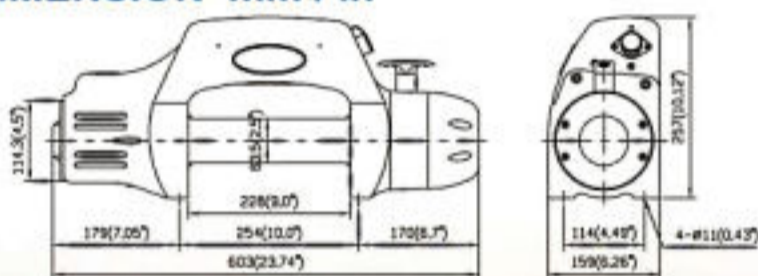
PACKAGE

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

DIMENSION mm / in



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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	6.1 / 20
2nd Layer	3,521 / 7,750	13.5 / 44.3
3rd Layer	2,977 / 6,550	22.3 / 73.2
4th Layer	2,578 / 5,700	32.4 / 106.3

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
909 / 2,004	4.7 / 15.4	115	70
1,218 / 4,008	3.5 / 11.5	210	110
2,727 / 6,012	2.8 / 9.2	245	145
3,636 / 8,016	2.3 / 7.6	280	190
4,309 / 9,500	2.1 / 6.8	380	250