

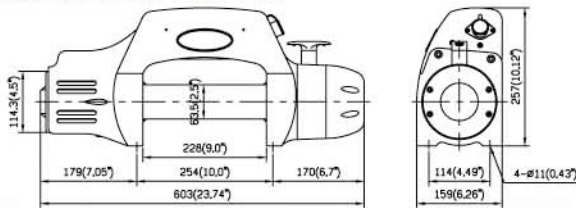


SELF-RECOVERY WINCH

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 pin holes have free-spool 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



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
Free-spool	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
- Handsaver strap

OPTION ACCESSORIES

- Mounting channel WA-0701 / 0702
- Snatch block WA-0401
- Winch accessory kit WA-1101

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

Line Pull kg / lb	Line Speed mpm / fpm	Amp. Draw	
		12V	24V
No Load	19 / 62	60	35
907 / 2,000	4.7 / 15.4	115	70
1,814 / 4,000	3.5 / 11.5	210	110
2,722 / 6,000	2.8 / 9.2	245	145
3,629 / 8,000	2.3 / 7.6	280	190
4,309 / 9,500	2.1 / 6.8	380	250