

UTILITY DUTY WINCH



DU-4000

- Winch drum centered to avoid tire interference and provide streamlined appearance
- High torque permanent magnet motor delivers high torque and power at lower amp. draw
- Full metal 3 stage planetary gear train
- Cam active freespool for fast wire rope payout
- Weather resistant, sealed solenoid
- Automatic load-holding mechanical brake for strength and reliability
- Roller fairlead and snatch block supplied



Note:
Roller fairlead does
not mount to winch

SPECIFICATION

Line Pull.....	1,814 kg / 4,000 lb
Motor 12V.....	800 w / 1.0 hp
24V.....	800 w / 1.0 hp
Gear Train.....	3 stage planetary
Gear Ratio.....	184:1
Brake.....	mechanical
Freespool.....	cam activated
Wire Rope Size.....	ø5.5 mm X 15.2 m (7/32" X 50')
Wire Rope Type.....	galvanized aircraft A7 X 19
Drum Size.....	ø55 mm X 119 mm (2.2" X 4.7")
Mounting Bolts Pattern.....	76 mm X 168 mm (3" X 6.6")

※ Limited Lifetime Warranty

STANDARD ACCESSORIES

- Detachable solenoid pack WA-0816
- Remote control WA-0310
- Wire rope with hook
- Roller fairlead WA-0512
- 96 cm (3.1') 6 gauge battery lead
- Snatch block CBV-11
- Circuit breaker

LINE PULL AND ROPE CAPACITY

Layer of Wire Rope	Pull by Layer kg / lb	Total Rope on the Drum m/ft
1 st	1,814 / 4,000	3.3 / 10.8
2 nd	1,694 / 3,735	7.2 / 23.6
3 rd	1,446 / 3,188	11.9 / 39
4 th	1,261 / 2,780	15.2 / 50

PACKAGE

Winch Weight.....	8.5 kg / 18.7 lb
Gross Weight.....	14.5 kg / 32 lb
Box Dimension.....	391 X 285 X 140 mm (15.4" X 11.2" X 5.5")

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	6.0 / 19.7	20	15
230 / 500	3.9 / 12.8	45	25
450 / 1,000	3.4 / 11.2	70	35
680 / 1,500	3.1 / 10.2	90	50
900 / 2,000	2.9 / 9.5	120	65
1,140 / 2,500	2.7 / 8.9	150	80
1,363 / 3,000	2.4 / 7.9	180	100
1,588 / 3,500	2.2 / 7.2	210	125
1,814 / 4,000	2.0 / 6.6	230	155

DIMENSION mm / in

