

# UTILITY DUTY WINCH



## DU-3000

- 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.....              | 1,363 kg / 3,000 lb              |
| Motor 12V.....              | 800 w / 1.0 hp                   |
| 24V.....                    | 800 w / 1.0 hp                   |
| Gear Train.....             | 3 stage planetary                |
| Gear Ratio.....             | 145:1                            |
| Brake.....                  | mechanical                       |
| Freespool.....              | cam activated                    |
| Wire Rope Size.....         | ø4.8 mm X 15.2 m ( 3/16" X 50' ) |
| Wire Rope Type.....         | galvanized aircraft A7 X 19      |
| Drum Size.....              | ø55 mm X 75 mm ( 2.2" X 3" )     |
| Mounting Bolts Pattern..... | 76 mm X 124 mm ( 3" X 4.9" )     |
| ※ Limited Lifetime Warranty |                                  |

### STANDARD ACCESSORIES

- Detachable solenoid pack WA-0816
- Remote control WA-0310
- Wire rope with hook
- Roller fairlead WA-0511
- 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               | 1,363 / 3,000         | 2.6 / 8.5                   |
| 2 nd               | 1,170 / 2,590         | 5.7 / 18.7                  |
| 3 rd               | 1,030 / 2,270         | 9.2 / 30.2                  |
| 4 th               | 920 / 2,030           | 13.1 / 43                   |
| 5 th               | 830 / 2,830           | 15.2 / 50                   |

### 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           | 7.6 / 24.9           | 15        | 10  |
| 230 / 500         | 6.3 / 20.7           | 40        | 30  |
| 450 / 1,000       | 4.9 / 16.1           | 70        | 45  |
| 680 / 1,500       | 4.3 / 14.1           | 100       | 60  |
| 900 / 2,000       | 3.7 / 12.1           | 140       | 80  |
| 1,140 / 2,500     | 3.1 / 10.2           | 180       | 100 |
| 1,363 / 3,000     | 2.5 / 8.2            | 230       | 130 |

### PACKAGE

|                    |                                           |
|--------------------|-------------------------------------------|
| Winch Weight.....  | 7.1 kg / 15.7 lb                          |
| Gross Weight.....  | 12.7 kg / 28.0 lb                         |
| Box Dimension..... | 340 X 285 X 140 mm (13.4" X 11.2" X 5.5") |

### DIMENSION mm / in

