

## **8000lbs SPECIFICATION**

|                       |   |
|-----------------------|---|
| Rated line pulls:     | 8000 lbs (35.36kN)  |
| Gear reduction ratio: | 233:1 (12V)   |
| Motor:                | Series Wound (Input Power)<br>4.6hp / 3.2kW (DC 12V)                  |
| Overall dimensions:   | 21.3" (L) x6.3" (W) x10.2" (H)<br>540(L) mm X 160 (W) mm X 259 (H) mm |
| Drum size:            | Ø2.48" (D) x 8.8" (L)<br>Ø 63(D) mm x224(L) mm                        |
| Cable:                | Ø 21/64" (D) x 65.6'(L)<br>Ø 8.3mm (D) x20m (L)                       |
| Weight:               | 69.7lbs ( 31.6 kgs )<br>70.5lbs (32kgs ) (-S TYPE)                    |

## **DUTY CYCLE**

### **Line speed and motor current (First layer)**

| Line pull    | Line speed<br>ft/min (m/min) | Motor current Amps<br>(Max) |
|--------------|------------------------------|-----------------------------|
| lb (kN)      | 12V DC                       | 12V DC                      |
| 0            | 21.3 (6.5)                   | 75                          |
| 2000 (8.89)  | 11.5 (3.5)                   | 160                         |
| 4000 (17.78) | 10.5 (3.2)                   | 208                         |
| 6000 (26.67) | 7.5 (2.3)                    | 286                         |
| 8000 (35.56) | 6.6 (2.0)                    | 320                         |

### **Line pull and cable capacity**

| Layer of cable | Rated line pull per Layer<br>lb (kN) | Cable capacity per Layer<br>ft (m) |
|----------------|--------------------------------------|------------------------------------|
| 1              | 8000 (35.36)                         | 21.3 (6.5)                         |
| 2              | 6620 (29.43)                         | 46.9 (14.3)                        |
| 3              | 5650 (25.12)                         | 65.6 (20.0)                        |