

# FALLEN STOCK WINCH



## FALLEN STOCK WINCH

*T-MAX Heavy Duty Electric Winch, 3.7m wanderlead, roller guides, tension roller, load limiter and 9mm diameter x 30m, with high tensile galvanised wire rope with grade 80 safety latch hook.*

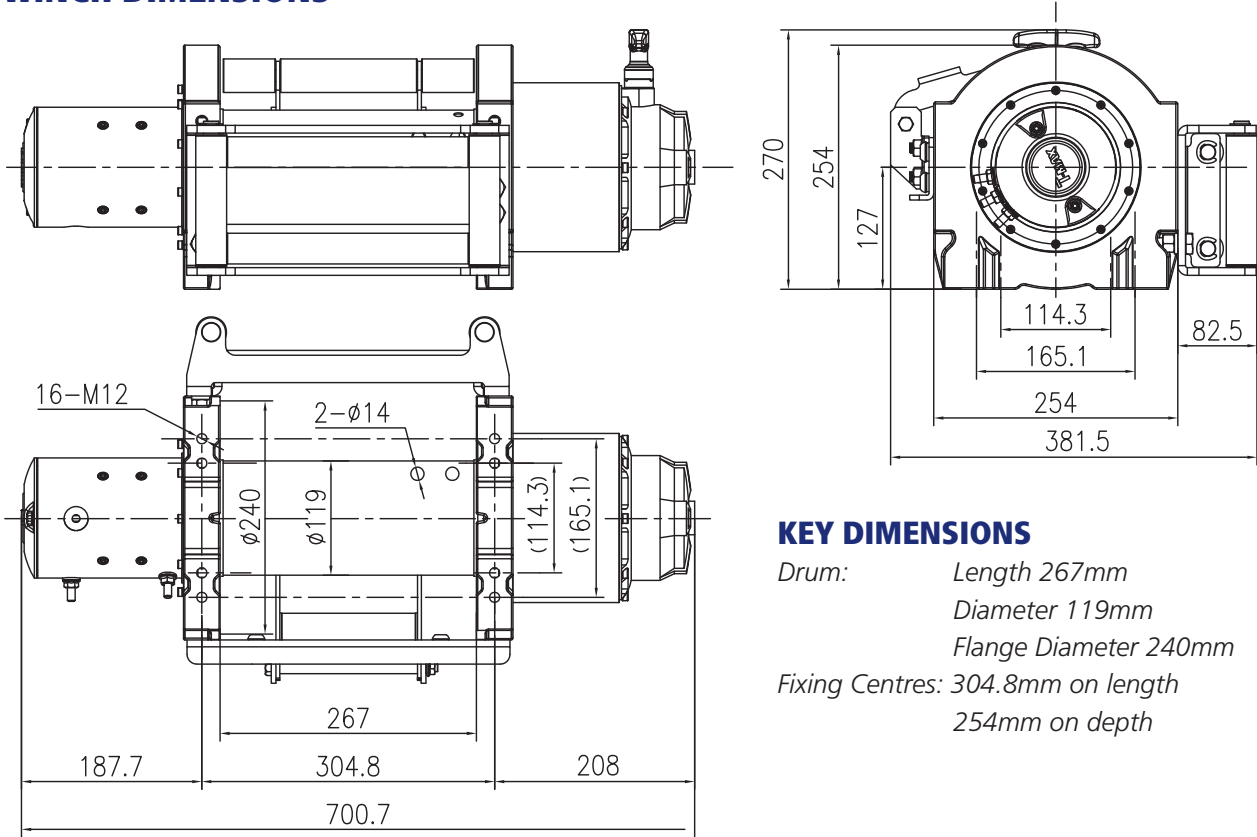
*Options: Mounting plate. wireless IN-OUT control, circuit Isolator switch, heavy duty extension kit for wanderlead, airshift freespool clutch.*

## FEATURES INCLUDE

- **Compliant With BS EN14492-1 (With Exceptions) - Power Driven Winches, Rated Line Pull**
- **Series Wound, 12V & 24V 7HP High Torque Motor** - Custom manufactured for extended service life.
- **Electronic Load Limiter** - Supplied as standard.
- **Secure wire rope anchorage** - Providing full load holding.
- **Tension Roller** - Spring loaded to aid rope wrapping.
- **Heavy Duty Solenoids** - With silver layer on contacts to reduce heating and extend service life. Pre-wired to accept wireless control, reducing installation time.
- **4 Way Roller Guides** - The horizontal rollers are wide spaced to extend wire rope life.

# FALLEN STOCK WINCH

## WINCH DIMENSIONS



## KEY DIMENSIONS

Drum: Length 267mm  
 Diameter 119mm  
 Flange Diameter 240mm  
 Fixing Centres: 304.8mm on length  
 254mm on depth

## RATED LINE PULL

		LAYER		
		1	2	3
Cable Drum Capacity Cumulative by Layer (9mm Ø wire rope)	m	10	21	33

\*By incorporating a snatch block in the line it is possible to double these capacities.

## PERFORMANCE 12V

PERFORMANCE FIRST LAYER OF CABLE		
LINE PULL	LINE SPEED (approx)	AMP DRAW (approx)
kgf	m/min	12V Battery
0	27	48
1000	7	210
1550	4	380

All figures are based on battery maintaining normal voltage.

## PERFORMANCE 24V

PERFORMANCE FIRST LAYER OF CABLE		
LINE PULL	LINE SPEED (approx)	AMP DRAW (approx)
kgf	m/min	24v Battery
0	32	40
800	16	180
2250	4	300

All figures are based on battery maintaining normal voltage.

# FALLEN STOCK WINCH



## SPECIFICATIONS

### Rated Line Pull DC Motor

12V = 1500kg    24V = 2200kg

Powerful 7.0 HP purpose made series wound motor. Ensures constant high power and torque. Roller bearings instead of bushes provide higher efficiency. Casing sealed against water ingress with IP 65 rating.

### Drum size Wire Rope

119mm diameter x 264mm length. Flange diameter 240mm.

9mm Ø galvanised 1960Nmm<sup>2</sup> tensile grade, 6 x 36 wire core construction, 5761kg (28kN) minimum braking strain. Maximum length 30 metres. This rope provides the 2:1 Working Load Limit (WLL) required by BS EN winch standard EN14492-1 (With Exceptions). Rope to drum ratio 11:1.

### Load Limiting Device

Electronic limiting device to provide 2:1 working load limit (WLL), for compliance with BS EN14492-1 (With Exceptions).

### Wire Rope Tensioner Solenoids

Spring loaded roller tensioner to assist wrapping.

Integrated Solenoid Module (ISM) manufactured for military and industrial use. Silver layer on the contactor surface ensures much lower surface temperature during operation, providing extended service life. They are pre-wired to accept optional wireless control saving significant installation time.

### Wanderlead Control

3.7m control lead supplied as standard. Other wanderleads / extensions and emergency stop button options available on request.

### Roller Guides

4 way supplied as standard.

### Mounting Plate

Optional. Ensures securing holes are all in alignment and not oversized.

### Complete Kit Weight

91kg.

## WARRANTY

Each new winch is guaranteed against defects in workmanship and material defects for a period of twelve months from date of purchase. Wire ropes are not included under warranty.

Not be used for the movement of personnel. Five wraps of wire rope must be maintained on the drum at all times. Data shown is approximate and intended as a guide only.

**Bushey Hall Winchmaster** sales@bhwgroup.com www.bhwgroup.com

**Southern Office:** Lismirrane Industrial Park, Elstree Road, Elstree, Herts, WD6 3EE Tel: +44 (0)20 8953 6050

**Northern Office:** 6 South Orbital Trading Park, Hedon Road, Hull, East Yorkshire, HU9 1NJ Tel: +44 (0)1482 223 663

Bushey Hall Winchmaster is a division of BHW Group Limited. Registered in England No. 1342461 VAT No. 301 7915 80