





		LAYER		
		1	2	3
Maximum Rated Line Pull by Layer*	kgf	3200	2646	2254
	kN	31.38	25.95	22.10
Cable Drum Capacity Cumulative by Layer (8mm dia. cable)	m	7	15	23

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

PERFORMANCE FIRST LAYER OF CABLE				
LINE PULL kgf	LINE SPEED (approx)		AMP DRAW (approx)	
	12v m/min	24v m/min	12v	24v
0	8	8	66	32
500	6	7	120	60
1000	4.5	5	170	85
1500	4	4.2	204	102
2000	3.2	3.5	240	120
2500	2.6	2.8	280	140

All figures are based on battery maintaining normal voltage.

## SPECIFICATIONS

**Rated Line Pull (single line):** Maximum recommended working capacity 3,200kgf to comply with EN14492-1. Stall capacity 4300kg.

**Gear Ratio:** 216:1 for either 12v or 24v.

**Motor:** High torque series wound 12v (6hp) or 24v (4.7hp).

**Switching:** Heavy duty, double acting solenoids can be mounted adjacent to winch or on to the winch tie bars with straps provided.

**Load Limiting Device** Optional, pre-wired and fitted to underside of solenoid pack. Can be calibrated to shut down winch when maximum load limit is reached.

**Wanderlead Control:** Commercial heavy duty type with 2 operating buttons and 4.5m cable. Other lengths and additional emergency stop button versions available on request.

**Roller Guides:** Heavy duty, 4 way commercial type with greaseways.

**Wire Rope:** 8mm diameter galvanised 2160N/mm<sup>2</sup> grade, 6 x 36 wire core construction with 65.6kN minimum breaking strain.

**Freespooling:** Lever on gear housing to disengage clutch.

**Complete Kit Weight:** 40kg.

## NOTES

These winches must not be used for the movement of personnel and 5 wraps of wire rope must be maintained on the drum.

Data shown is approximate and intended as a guide only.

## 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.

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

