HAMMER WINCH

HMW 4.3 PHT
EN - 14492-1



- Heat-treated, reinforced cast aluminum housing with an industrial design.
- Lightweight, robust design.
- Negative-acting hydraulic brake system with 100% load holding.
- Cable tensioner and roller fairlead supplied as standard.
- Easy installation, high rope capacity and a high-torque hydraulic motor.
- Manual rope release system supplied as standard.
- EN 14492-1:2006 - Power-driven winches.
- CE Machinery Directive 2006/42/EC.

Specifications

Max. pulling capacity (kg/lbs)	:	4300 kg (9477 lbs)
Max. rope length (m/ft)	:	48 m (157 ft)
Max. rope length for EN (m/ft)	:	36 m (118 ft)
Recommended wire rope (mm/in)	:	11 mm (4/9") 1960 MPa
Hydraulic motor (cc/in³)	:	315 cc (19 in³)
Max. pump flow (L/min-g/min)	:	60 L/min (15.8 g/min)
Gear ratio	:	5.6 : 1
Oil type and capacity	:	85W 90 - 0.75 L
Max. working pressure (bar/psi)	:	120 bar (1740 psi)

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min - ft / min	Rope Length m / ft
1	4300 kg / 9477 lbs	11m/min - 36 ft/min	7m / 23 ft
2	3657 kg / 8060 lbs	13m/min - 42 ft/min	16 m / 52 ft
3	3181 kg / 7010 lbs	15m/min - 49 ft/min	25 m / 82 ft
EN 4	2815 kg / 6204 lbs	17m/min - 55ft/min	36 m / 118 ft
5	2524 kg / 5564 lbs	19 m/min - 62ft/min	48 m / 157 ft

Winch weight (kg/lbs)
54 kg (119 lbs)

Roller fairlead weight (kg/lbs)
6 kg (13.22 lbs)

Cable tensioner weight (kg/lbs)
2.5 kg (5.51 lbs)

Mounting bolts
8 M14 bolts, grade 8.8

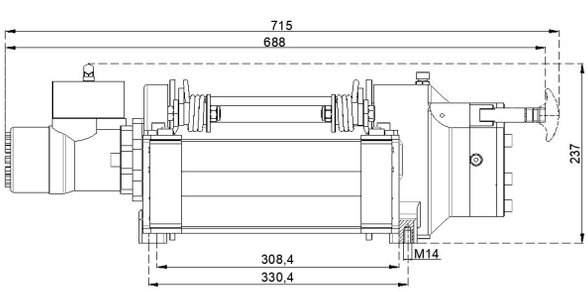
Standard Features
Cable Tensioner
Roller Fairlead
Manual Clutch

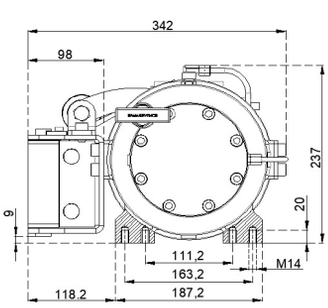
Optional Features
Air Clutch
IP67 - IP 68

Hydraulic Inlets
G 1/2''

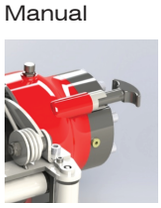
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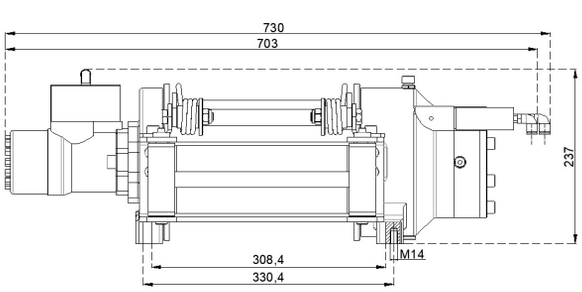
- Before operating the winch, lines A and B must be open to T (tank) when the control valve is in its center position.
- This winch is designed and manufactured for pulling. Never use it to lift people or materials.
- Always keep the last 5 wraps of rope on the drum.
- The technical details above are for information only.
- HAMMER WINCH reserves the right to change the technical details.
- Pneumatic operating pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)

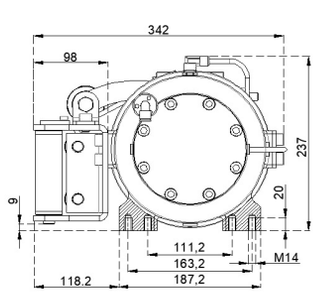




Manual







Air Clutch Shifter

