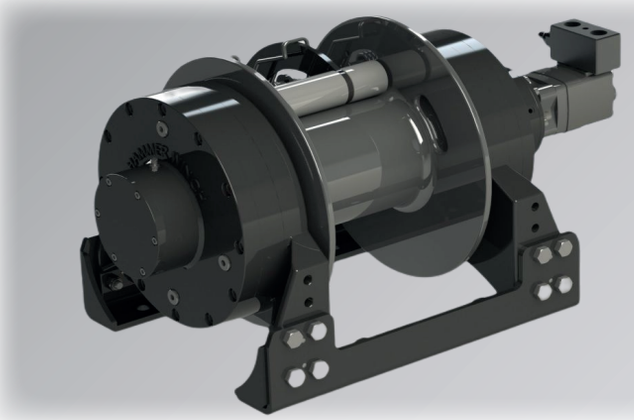
HAMMER WINCH

HMW 22.0 PHT
EN 14492 -1



- Heat-treated, reinforced cast steel housing with an industrial design.
- Lightweight, robust design.
- Negative-acting hydraulic brake system with 100% load holding.
- Pneumatic rope release system supplied as standard.
- Easy installation, compact design and a high-torque hydraulic motor.
- Two-stage planetary gear system.
- EN 14492-1:2006 - Power-driven winches.
- CE Machinery Directive 2006/42/EC.

Specifications

Max. pulling capacity (kg/lbs) : 22,000 kg (48488 lbs)
Max. rope length (m/ft) : 77.4 m (254 ft)
Max. rope length for EN (m/ft) : 60.8m (199 ft)
Recommended wire rope (mm/in) : 22 mm (7/8") 2160 Mpa Compact
Hydraulic motor ^{3} **)** : 250 cc (15 in^3)
Max. pump flow (L/min-gal/min) : 75 L/min (19.8 g/min)
Gear ratio : 46 : 1
Oil type and capacity : 85W 140 - 1.5 L
Max. working pressure (bar/psi) : 170 bar (2465 psi)

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min - ft / min	Rope Length m / ft
1	22000 kg / 48488 lbs	4.3 m/min - 14.2 ft/min	9.4 m / 30.8 ft
2	18743 kg / 41310 lbs	5 m/min - 16.4 ft/min	19.6 m / 64.3 ft
3	16326 kg / 35983 lbs	5.8 m/min - 19 ft/min	32 m / 105 ft
4	14461 kg / 31874 lbs	6.6 m/min - 21.6 ft/min	45.2 m / 148 ft
EN 5	12979 kg / 28606 lbs	7.3 m/min - 23.9 ft/min	60.8 m / 199 ft
6	11772 kg / 25947 lbs	8 m/min - 26.2 ft/min	77.4 m / 254ft

Winch weight (kg/lbs)
345 kg (760.4 lbs)

Cable tensioner weight (kg/lbs)
8 kg (17.6 lbs)

Mounting bolts
8 M22 bolts, grade 8.8

Hydraulic Inlets
G 3/4"

Standard Features
Cable Tensioner
Air Clutch

Optional Features
IP67 - IP 68
Pneumatic Cable Tensioner
Roller Fairlead

Warning!
- Before operating the winch, lines A and B must be open to the tank line 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)

