



world
class
winches

Hydraulic Planetary Gear Winches

H50P

Manual freespool clutch
Pneumatic freespool clutch

Type No 73.07-019
Type No 73.07-022

5 TONNES WINCH



Pulling force

- bottom rope layer	5.0 tonnes	11 200 Lbs
- top rope layer	3.2 tonnes	7 200 Lbs

Rope speed

- bottom rope layer	12.0 m/min	39 ft/min
- top rope layer	19.0 m/min	62 ft/min

Rope speed in high auto 2-speed

- bottom rope layer	n/a	n/a
- top rope layer	n/a	n/a

Max oil pressure

200 bar 2900 psi

Max oil flow

60 l/min 16 gal/min

Drum diameter

126 mm 4.96 inch

Rope diameter

14 mm 0.55 inch

(Acc. to DIN 14584, MBL \geq 98 kN)

Rope length

30 m 98 ft

Numbers of layers

4 4

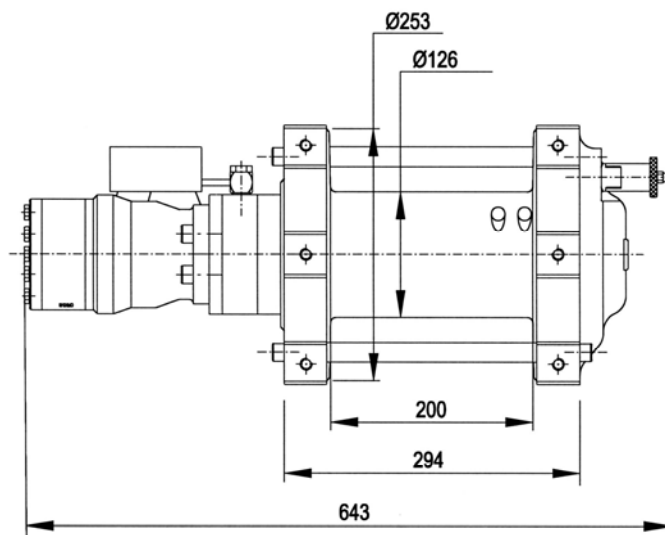
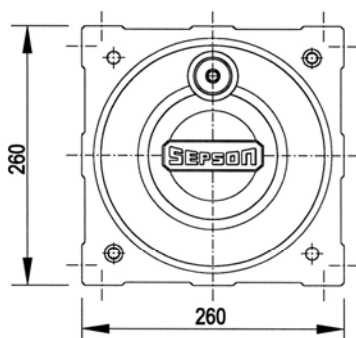
Winch weight

55 kg 124 Lbs

Rope weight

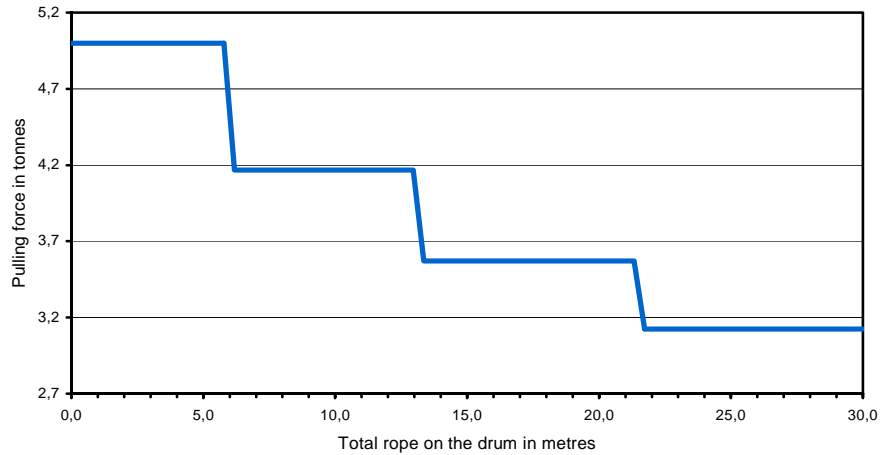
25 kg 56 Lbs

Dimensional drawing (dimensions in mm)



Pulling force over the rope length

	Pulling force (tonnes)	Rope speed (m/min)	Total Rope on the drum (m)
1st	5,0	12,0	6,0
2nd	4,2	14,5	13,2
3rd	3,6	17,0	21,5
4th	3,2	19,0	31,1

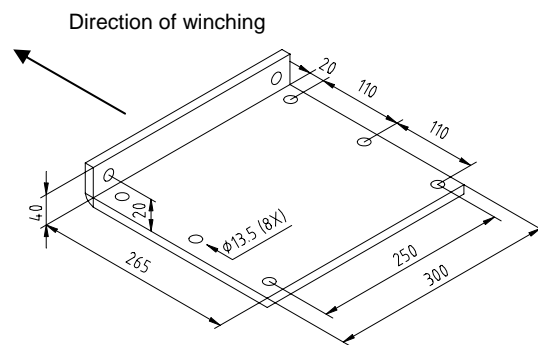


Mounting instructions

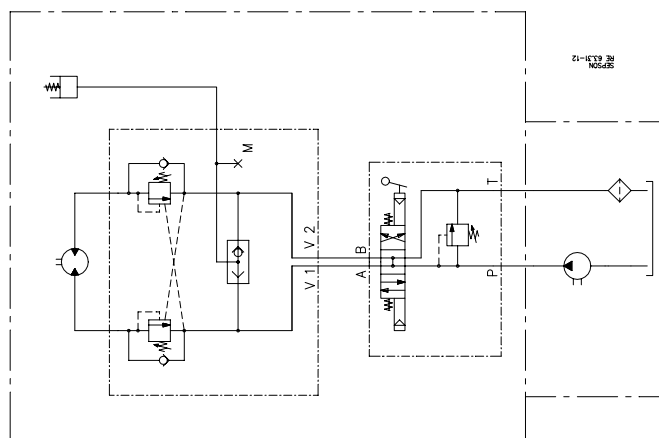
The winch should be mounted on a 12 mm steel mounting plate fixed to the vehicle.

The winch must be fitted to the mounting plate with 8 bolts M6S M12x35 (hot galvanized) minimum quality 8.8.

Tightening torque 124 Nm (12.4 kpm) when oiled.



Hydraulic installation



Declaration of Conformity

According to the Machine Directive 98/37/EC, Annex IIA

Sepson AB, P.O. Box 172, SE-780 50 Vansbro, Sweden declare under our sole responsibility that:

The winch type 73.07 with serial numbers 846-1786

- are manufactured according to the Machine Directive 98/37/EC
- are manufactured according to following harmonized standards – EN 292-1 and 2

Vansbro December 9, 2005. **Sepson AB** Ulf Jons Designer

May 2006