



world
class
winches

Hydraulic Planetary Gear Winches

H100PS

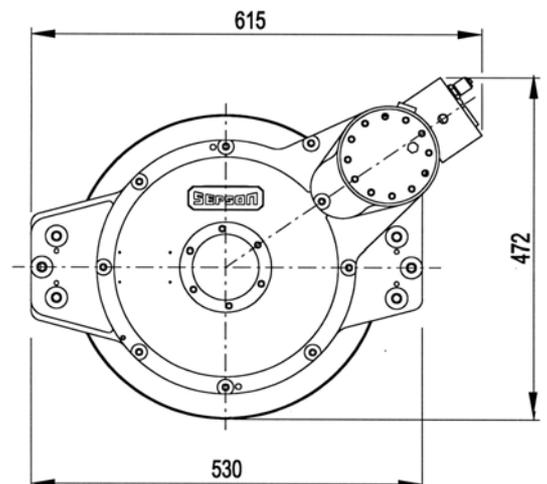
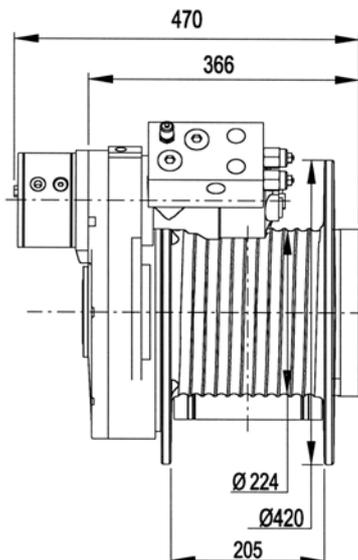
Pneumatic freespool clutch Type No 63.31-014

10 TONNES WINCH FOR SIDE MOUNTING



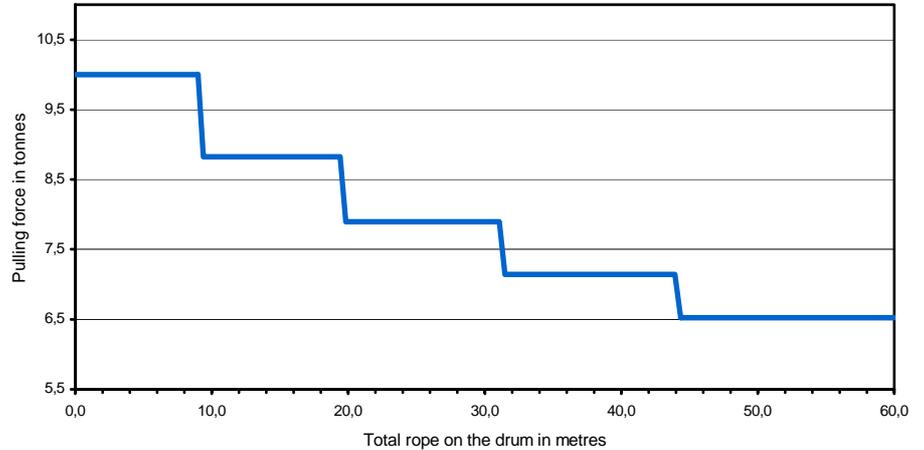
	Metric std.	US std. (approx.)
Pulling force		
- bottom rope layer	10.0 tonnes	22 500 Lbs
- top rope layer	6.5 tonnes	14 600 Lbs
Rope speed		
- bottom rope layer	6.0 m/min	20 ft/min
- top rope layer	9.5 m/min	31 ft/min
Rope speed in high auto 2-speed		
- bottom rope layer	n/a	n/a
- top rope layer	n/a	n/a
Max oil pressure	160 bar	2300 psi
Max oil flow	60 l/min	16 gal/min
Drum diameter	224 mm	8.82 inch
Rope diameter	16 mm	0.63 inch
(Acc. to DIN 14584, MBL ≥ 197 kN)		
Rope length	60 m	197 ft
Numbers of layers	5	5
Winch weight	210 kg	472 Lbs
Rope weight	67 kg	151 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	10,0	6,0	9,2
2nd	8,8	7,0	19,6
3rd	7,9	7,5	31,3
4th	7,1	8,5	44,1
5th	6,5	9,5	58,2

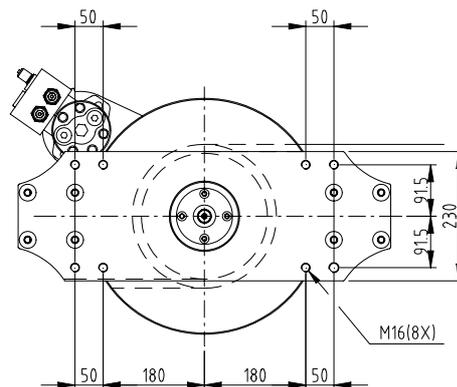


Mounting instructions

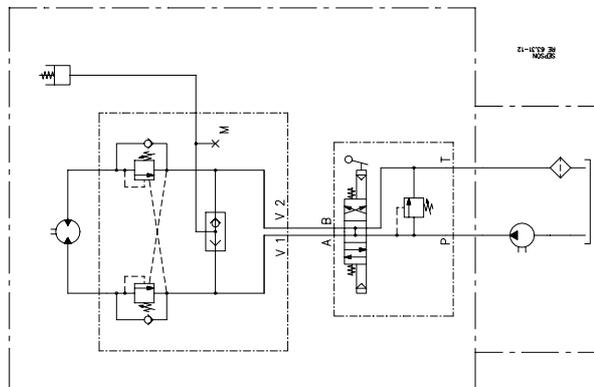
It is always best to seek advice on mounting the winch from both SEPSO and the vehicle manufacturer as early as possible before delivery of the winch.

The winch must be fitted with 8 bolts M16 (hot galvanized) minimum quality 8.8.

Tightening torque 210 Nm (21 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 63.31 with serial numbers 1010-1962

- 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