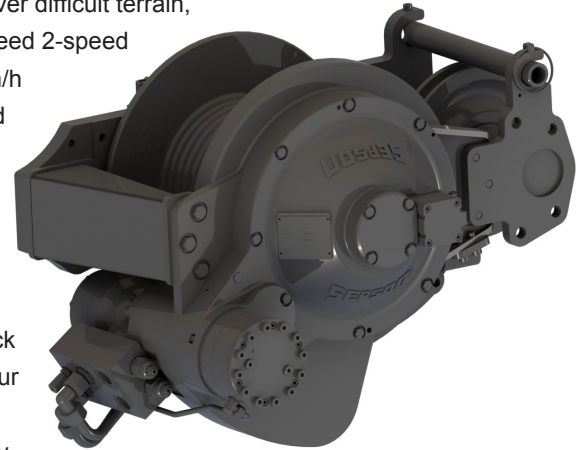


Sepson's High Speed Winch

with Auto 2 - Speed for self-recovery

Sepson's unique High Speed Auto 2-speed solution is an important safety device that reduces the risk of personal injuries and property damage. For safe navigation over difficult terrain, combine operation with the vehicle's lowest gear and Sepson's High Speed 2-speed winch. Sepson's High Speed winch pulls the rope at approximately 4 km/h with a pull up to approximately 7 – 10 kN. A heavy truck has a low speed of about 3.5 km/h on creep gear. When more pulling force is required, i.e. the vehicle is stuck, the winch switches down to 5 – 8 m/min and can give a pulling force of 120 kN. This means that travel across difficult terrain becomes easier and safer. Another advantage with the High Speed Auto 2 - Speed solution is during a recovery operation when the object moves intermittently and causes slack in the winch rope. The slack can cause dangerous tugs on the rope, with catastrophic results. With our automatic 2-speed solution recovery and salvage work can be done in a more safe and controlled manner. The 2-speed solution is controlled fully automatically via Sepsons well-known 2-autospeed hydraulics.



TECHNICAL DATA / PRODUCT: 63.31-107

Freespool clutch

Pneumatic

Maximum pulling force in low speed mode

- bottom rope layer
- top rope layer

120 kN
78 kN

Maximum pulling force in high speed mode

- bottom rope layer
- top rope layer

10 kN
6.5 kN

Maximum rope speed in low speed mode

- bottom rope layer
- top rope layer

4 m/min
7 m/min

Maximum rope speed in high speed mode

- bottom rope layer
- top rope layer

68 m/min
104 m/min

Maximum oil pressure

175 bar

Maximum oil flow

80 l/min

Rope drum diameter

224 mm

Rope diameter

16 mm

Rope length

60 m

Rope MBL (EN 14492-1)

≥ 240 kN

Number of rope layers

5

Winch weight

263 kg

Rope weight

80 kg

