

# 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

