



P-22063

HYDRAULIC CLIMBER T400-UD-HD

Web version manual

For complete version
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1. **BRIEF SPECIFICATION**

- 1.1 **Lifting/lowering capacity:** **Max. 400 ton**
- 1.2 **Length of stroke:** **300 mm**
Effective climbing length at lifting 260 mm each stroke
Effective climbing length at lowering 270 mm each stroke
- 1.3 **Piston area:**
At cylinder pressure side 1.414 cm² plus side
At cylinder return side 510 cm² minus side
- 1.4 **Cylinder volume:**
At cylinder pressure side 42,5 litres plus side
At cylinder return side 15,3 litres minus side
- 1.5 **Static hydraulic pressure at plus side:**
At a load of 400 ton 285 bar
- 1.6 **Climb rod: 200 x 200 mm.**
Material: S355

2. **APPLICATION FIELD OF THE CLIMBER**

- 2.1 **Lifting and lowering of heavy loads.**
- 2.2 **Horizontal movement of heavy loads.**
- 2.3 **The climber can lift or lower a load, which is hanging in a climb-rod. The climber can also climb up stationary anchored climb-rod and lift or lower a load, which is applied to the climber.**



3. MAIN COMPONENTS OF THE CLIMBER

- 3.1 Two parallel double-acting hydraulic cylinders (11-JC85) with pistons (11-0910).**
- 3.2 Movable grip-jaw heads (11-GR10) fixed to the pistons (11-0910). Head A.**
- 3.3 Firm grip-jaw head (11-GR10) fixed to the cylinder bottoms (11-0907). Head B.**
- 3.4 Grip-jaws (11-0415 & 11-0416)**
- 3.5 Hydraulic switch mechanism (11-JC88)**
- 3.6 Top-bottom plate (11-0918).**
- 3.8 Catches (11-0976 & 11-0893) with operating screw (11-0943)**
- 3.9 Springs (11-0878)**

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