



P-22096

HYDRAULIC PUMP TYPE HP 2.20.40.160/70

Web version manual

For complete version
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1. DATA

- 1.1 Hydraulic flow: 20,0 l/min + 20,0 l/min = 40,0 l/min.
- 1.2 Max. pressure: 180 kp/cm² (18 MPa).
- 1.3 Electric motor: 380 V, 50 Hz, 5,5 kW at 1450 r.p.m.
Rated current is 10,8 Amp at 380 V.
- 1.4 Oilpump: 2 Nos gear pumps on the same drive shaft.
- 1.5 Tank volume: 80 litres
- 1.6 The pump HP 2.20.40.160/70 is designed to be used together with Bygging-Uddemann climber type 2510, strand climber type T15-S and D/A cylinders.
- Design concept allows for continuous operation at 160 bar.
- 1.7 Oil recommendation: Hydraulic oil with viscosity approx. 32 cSt (Centistoke) at 40°C. When ambient temperature is consistently below zero (-10° to -40° C) a lighter grade of oil is to be used. Viscosity approx. 15 cSt at 40° is recommended.
- 1.8 Weight: 170 kgs without oil.
- 1.9 Measurement: 900 x 600x 950 mm.

2. MAIN COMPONENTS OF THE PUMP UNIT

- 2.1 Oil reservoir.
- 2.2 Gear pump 20,0 l/min.
- 2.3 Gear pump 20,0 l/min.



- 2.4 **Electric motor with drive section.**
- 2.5 **Hi-low unloading valve.**
- 2.6 **Operating valve.**
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- 2.8 **Lowering valve.**
- 2.9 **Return line oil filter.**
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