

Pump Aggregat HPS HT 400 with CAT C15/Allison 5000/6000 Serie



Technical Data Pump container HPS C15 6A HT



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1 Technical Data

1.1 Measurements Pump container

Noise protected 20-ft.-Container with the following measurements:

- Length: 6100 mm
- width: 2460 mm
- High : 2700 mm
- Weight: 13000 KG

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1.2 Engine Data

Catterpillar, Typ: C15 ATAAC,
-Power: 433 KW at 2100 rpm
Certified DIRECTIVE stage IIIA and U:S: EPA & CARB Tier III

1.3 Transmission data

Allison Powershift Transmission Serie 5000/6000,

- 1. Gear = 4 :1
- 2. Gear = 2,68:1
- 3. Gear = 2,01:1
- 4. Gear = 1,35:1
- 5. Gear = 1 :1

1.4 Performance high-pressure pump

Halliburton pump typ:	HT 400, Pump-
Drinving flange:	Spicer Serie 1800
Max. RPM:	max. 2400 min ⁻¹
Reduction:	8.6 : 1
Crank shaft:	Special steel, 4 bearings
Connecting Rod:	Special aluminum
Cross head:	Special steel
Housing:	Special steel welding construction
Bearings:	Roller and slide bearings
Oil system:	Gear pump with drive from auxiliary drive
Oil filter:	Interchangeable filter elements System Schröder
Amount of oil:	85 L.
Oil typ:	Mobil SHC 632
Oil pressure:	80-100 psi (5,5-7 bar)
Dry weight:	1750 kg

1.41 Performance Fluid End

Plunger type:	single acting
Valve type:	Plate valves
Packing:	Special packing
Discharge Connection:	2 / 3" Fig. 1502 (only 3 3/8" Fig.2002-2")
Plunger oil system:	30 L. tank air operated or circulation
Weight:	857 KG

Weight complete pump	2520 KG
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Pressure: 6" max:	6250 PSI (430 bar)
Pressure: 5" max:	9000 PSI (620 bar)
Pressure: 4,5" max:	11200 PSI (772 bar)
Pressure: 4" max:	14000 PSI (965 bar)
Pressure: 3 3/8" max:	20000 PSI (1378 bar)

Flow rate max:	2700 L. (6" Fluid End)
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