Unit no. PP-71B

IKM Testing AS

PUMP FOR PIGGING / CHEMICAL CLEANING

Dimensions

Length(mm)......................................: 2991   Width(mm)............: 2438   Height(mm)............: 2896
Weight (kg)......................................: 13000
Lifting/ Transportation.....................: 10' Offshore ISO container with forklift pockets and lifting slings. DNV 2.7-1
Can be stacked in height with use of ISO locks.

Construction year

Built...: 2013
Upgraded/rebuilt..............................: 2018

Area of use / certification

Onshore/offshore............................: Offshore
Standard...: Offshore, Zone II, Norsok Z-015, ATEX II 3G IIA T3
Power (Electrical/Diesel)..................: Diesel

Flow / Pressure / Volume

Hz v Q-max measure.......................: N/A (Diesel)   Q-max (l/min)...................: 3600
Hz v P-max measure.......................: N/A (Diesel)   P-max (bar)......................: 525
Flowrate1..: 3602 ltr/min @ 113 bar (6" Plunger@7. gear, 2100 RPM)
Flowrate2..: 2035 ltr/min @ 201 bar (6" Plunger@4. gear, 2100 RPM)
Flowrate3..: 961 ltr/min @ 425bar (6" Plunger@1. gear, 2100 RPM)

Connections

Inlet connection...............................: 6" 150 Ansi via integrated feed pump or external feeder minimum 3.5 bar at full flow on triplex pump
Outlet connection............................: 2 ea. 3" Fig 1502 Female.

Pump(s)

Pump1 (type)...................................: Gardner Denver GD-2250 Triplex pump .
Standard Plunger 6", other sizes on request.

Motor / Engine(s)

Motor1 (type)...................................: MUST BE CONNECTED TO SEPERATE MOTOR UNIT (PP-71A)

Flow / Pressure / Volume

Diesel Tank Volume (ltr).................: 1200
Diesel consumption (ltr/hr).............: 280

Additional information

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Equipment / Functions....................: MUST BE CONNECTED TO SEPERATE MOTOR UNIT (PP-71A), (see separate datasheets for technical information)
Two-piece unit, where the engine and pump has to be connected via a drive shaft, hydraulic and diesel hoses (Diesel tank is located at pump unit).
Diesel level must be limited to 600 liters for offshore use.

Power End S/N : 9360-83
Fluid End S/N : GO40184
Hydraulically integrated feed pump.

LIMITATIONS:
- 80% load is 960 HHP@ 2100 rpm, can be used for 50% of the duty cycle or 6 out of every 12 hours.
- 70% load is 840 HHP @ 2100 rpm. Operation below this can be used cyclic continuous.
- 100% load is 1150 HHP @ 2100 rpm, Can be used for maximum one hour. The following hour has to be below
- 70% (840 HHP @ 2100 rpm)

If the speed is lowered to 1800 rpm, the full load is lowered to 1040 HHP.
- 80% load is 830 HHP@ 1800 rpm.
- 70% load is 730 HHP @ 1800 rpm.
- If these limits are exceeded there will be limited warrant.

For further information please contact Maintenance Diesel Department.