Unit no. PP-70C

IKM Testing AS

PUMP FOR PIGGING / CHEMICAL CLEANING

Dimensions

Length(mm)..... 2438 Width(mm)..... 2438 Height(mm)..... 2896
Weight (kg)..... 8000
Lifting/ Transportation..... 8' Offshore ISO container with forklift channels and lifting slings. DNV 2.7-1
Can be stacked in height with use of ISO locks

Construction year

Built..... 2013

Area of use / certification

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

Technical information

Hz v Q-max measure..... N/A (Diesel) Q-max (l/min)..... 16666
Hz v P-max measure..... N/A (Diesel) P-max (bar)..... 27
Flowrate1..... 16666 ltr/min @ 20,5 bar (8.gear, 2865 RPM)
Flowrate2..... 4375 ltr/min @ 27 bar (8.gear, 2865 RPM), Q min.
Flowrate3..... 14666 ltr/min @ 14 bar (8.gear, 2388 RPM)

Connections

Inlet connection..... 10" 150# RF (Max inlet pressure 20 barg)
Outlet connection..... 8" 300# RF

Pump(s)

Pump1 (type)..... KSB Heavy Duty Centrifugal Pump RPH A8 200-450A, API 610

Motor / Engine(s)

Motor1 (type)..... MUST BE CONNECTED TO SEPERATE MOTOR UNIT (PP-70A)

Technical information

Diesel Tank Volume (ltr)..... 1200
Diesel consumption (ltr/hr)..... 160

Additional information

Equipment / Functions..... MUST BE CONNECTED TO SEPERATE MOTOR UNIT (PP-70A), (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
Device is remotely controlled.

Two-piece unit, where the engine has 8 step gear, but only 7rd and 8rd gear is used for running the centrifugal pump.
7.gear: pump speed between 1500 – 2100 rpm
8.gear: pump speed between 2085 – 2900 rpm
- Pump equipped with 8"300# gatevalve to regulate flow and pressure.
- Lighting, Hydraulic radiator with thermostat fitted in the pump for cooling,