IKM Testing AS

Unit No. PP-34

PUMP FOR PIGGING / CHEMICAL CLEANING

Dimensions

Length(mm).....: 5800 Width(mm).....: 2438 Height(mm)....: 2805
Weight (kg).....: 14900
Lifting/ Transportation.: Frame with forklift channels and lifting devices. DNV 2.7-1
Ref. cert. / Ser. no. frame : 68962 / PP-34

Construction year

Built.....: 2007

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: Norsok Z-015, Type: G Zone 2, Solas 74 Ch.II-2
ATEX II3G Eex de IIA T3. 83 dB(A)
Power (Electrical/Diesel) Diesel

Technical information

Hz v Q-max measure.....: N/A (Diesel) Q-max (l/min).: 188
Hz v P-max measure.....: N/A (Diesel) P-max (bar)...: 1000
Flowrate1.....: Pump Alternative 2: 6666 ltr/min @ 28 bar
Flowrate2.....: Pump Alternative 3: 613 ltr/min @ 300 bar
Flowrate3.....: Pump Alternative 4: 2500 bar
Diesel Tank Volume (ltr): 700
Diesel consumption (ltr/hr) 120

Connections

Inlet connection.....: 2" Fire coupling
Outlet connection.....: M36

Pump(s)

Pump1 (type).....: KSB Multitec MTC, A150/04-12.1 30.63
Pump1 (Cert. No.).....: 9971141794/000100/01

Motor / Engine(s)

Motor1 (type).....: Deutz BF8M1015MC 590 HK
Motor1 (Cert. No.).....: 9167491

Power supply

Fuse (qty).....: 1 Fuse (A).....: 16
El.Power1.....: 230V (Hz).....: 50/60 (A).....: 10-16

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Additional information

Equipment / Functions...: PUMP ALTERNATIVE 2 (specify with order)
KSB Multitec MTC, A150/04-12.1 30.63. Serial no.: 9971141794/000100/01
Q max: 6666 ltr/min
P max: 28 bar
Connection in: 8" 150# RF
Connection out: 4" 300# RF
Connection Bypass out: 1" claw coupling

PUMP ALTERNATIVE 3 (specify with order)
Kamat K-3500-A, K35065M
Q max: 613 ltr/min
P max: 300 bar
Connection in: 2" Fire coupling
Connection out: 2" BSP

PUMP ALTERNATIVE 4 (specify with order)
Conversion set for Kamat pump
Q max: 70 ltr/min
P max: 2500 bar
Connection in: 2" Fire coupling
Connection out: 9/16HP Autoclave Female
Connection Bypass out: 1" claw coupling

Fixed fire extinguiser Novec
Fire extinguisher 12kg.
- Remote control of pump (20 m).
- Filter feed water : Washable strainer
- Pressure gauge at pressure side
- Pressure and vacuum gauge on suction side.
- Reduction gear and air controlled clutch.
- Heater and emergency light.
- Signal to platform by: Fire, gas and common cause failure

Air/Diesel supply closes if
- Engine overspeed
- Protective guard on pump
- High exhaust temperature
- Emergency stop from control room
- High coolant temperature
- Emergency stop
- Low oil pressure
- Fire alarm
- Low air pressure
- 10% Lel Gas alarm