

Unit no. HJ-13



HYDROJET - HIGH PRESSURE CLEANING PUMP

Dimensions

Length(mm).....: 6058 Width(mm).....: 2438 Height(mm).....: 2745
Weight (kg).....: 14500
Lifting/ Transportation.....: 20' Offshore container with lifting sling and forklift pockets. DNV 2.7-1
Ref. cert./Ser no. frame: 20863

Construction year

Built.....: 1999

Area of use / certification

Onshore/offshore.....: Offshore
Z-015 (type).....: G
Standard.....: Eexde IIA T3, Zone 2, 80dBa
Power (Electrical/Diesel).....: Diesel

Flow / Pressure / Volume

Water Supply.....: Via pulse dampener with 2-7 bar feed-water pressure.
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

Connections

Inlet connection.....: 1 ea. 2" Fire coupling / Nor lock 1
1 ea. 2" Camlock Male (Connection water for cooling)
Outlet connection.....: 1 ea. M24
1 ea. M36 (2" BSP male at 600 l set)
1 ea. 2" camlock Male (by-pass)
1 ea. 2" Camlock Female (Connection water for cooling)

Pump(s)

Pump1 (type).....: Kamat type K35036A
Pump1 (Cert. No.).....: 134651

Motor / Engine(s)

Motor1 (type).....: Scania type DSI 14 73 variant M40 S, 500 HP
Motor1 (Cert. No.).....: 5565324

Power supply

Fuse (qty).....: 1 Fuse (A).....: 16
El.Power1.....: 230 V (utility) (Hz).....: 50/60 (kW).....: (A).....:
Control Panel.....: Fire/Gas central : Technor Eexde IIB T5 Ser. no. 960620-1
230 V 1 phase 50/60 Hz

Flow / Pressure / Volume

Diesel Tank Volume (ltr).....: 500
Diesel consumption (ltr/hr).....: 100

Additional information

Equipment / Functions.....: CAN BE DELIVERED WITH ALTERNATIVE PUMP HEAD: Q.max 600 ltr/min - P.max 300 bar
Fixed fire extinguisher PEFS Foam.
Fire extinguisher 12kg.

- Signal to platform : Fire, gas and error alarm.
- The pump has reduction-gear and air operated clutch.
- Heater and emergency light.

Air/Diesel supply shut down if:

- Over racing of motor.
- High temperature on exhaust.
- High temperature on cooling liquid.
- Low oil pressure on motor.
- Low air pressure.
- 10% LEL Gas alarm.
- Fire alarm (flame)
- Emergency shut-down.
- Emergency shut-down from control room.
- Feed-water pressure under 2 bar.
- Low oil pressure on pump.