Unit no. NP-29

IKM Testing AS

NITROGEN PUMP

Dimensions

Length(mm).....: 4575 Width(mm).....: 2400 Height(mm).....: 2400
Weight (kg).....: 11000
Lifting/ Transportation.....: Frame with forklift channels and lifting slings. DNV 2.7-1. BS EN 12079
Certificate(s) / Serial No:.....: : SGP-2011-117 / K110101NP

Construction year

Built.....: 2011

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: Ex d e IIB T4 Zone 2 NPDZXA, 85dBa

Flow / Pressure / Volume

Q max (SCF/H).....: 180000
P-max (bar).....: 690

Connections

Inlet connection.....: 2 ea. Acme 150 (NIT 150)
Outlet connection.....: 1 ea. 2" Weco Fig. 1502 female

Pump / Engine

Triplex pump.....: Rexroth, Type: AA6VM 107 HD
Triplex pump Serial no.....: M08–18-29730
Boost pump.....: CS & P, S.N. : PMP001072, Size: 6IN C-Pump (SN/747)
Cold-ends.....: Hydrarig 1,625"
Vaporizer.....: Cryogenic and Industrial spares ltd, SN.180K10K, Working Pressure : 10000 PSI
Motor.....: Detroit series 60, 12.7Litrs, 500 HP at 2100 rpm. IIB T4 Zone II NPDZXA with pyroban system.
Motor (serial no.).....: 06R1041576
Filter LIN suction side.....: Washable strainer
Signal to platform at.....: Fire alarm, gas alarm, fault on gas/fire detectors
Air/Diesel shut down at.....: - Over racing of motor.
- High temperature on exhaust.
- High temperature on cooling liquid.
- Low oil pressure on motor.
- Low air pressure.
- Fire alarm.
- Shutdown and alarm at 10% LEL gas (CH4)
- Emergency shut-down.
- Emergency shut-down from control room.
- Overpressure nitrogen.

Flow / Pressure / Volume

Diesel Tank Volume (ltr).....: 340
Diesel consumption (ltr/hr).....: 100

Additional information

Equipment / Functions.....: Startup Battery : 2 ea. Pyroban, 12Cells, 12 V, 55Ah in 20h, Part No.: 811094/12.