



NITROGEN PUMPE

Dimensions

Length(mm).....: 5490 Width(mm).....: 2440 Height(mm).....: 2850
 Weight (kg).....: 14500
 Lifting/ Transportation.....: 18' Container with forklift channels and liftings
 Certificate(s) / Serial No:.....: NP-61 / DNV

Construction year

Built.....: 2002
 Upgraded/rebuilt.....: 2021

Area of use / certification

Onshore/offshore.....: Offshore
 Standard.....: Zone II, ATEX II 3G IIA T3, 83 dBA

Flow / Pressure / Volume

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

Connections

Inlet connection.....: 2 ea, 1 1/2" Acme 150
 Outlet connection.....: Out: 2" Weco Fig. 1502 male / 1" NPTF
 Return: 1 ea. 1 1/2" Acme 150

Pump / Engine

Triplex pump.....: CS&P Cryogenics 3-ICPE-200
 Boost pump.....: CS&P Cryogenics 1,5 x 2, 5 x 6
 Cold-ends.....: CS&P 1,625"
 Vaporizer.....: CS&P Pot Vaporizer 180K SCFH 10000 PSI
 Motor.....: Caterpillar 3406 ATEX Petroleum, 480 BHP@2100RPM
 Motor (serial no.).....: 4TB07784
 Filter LIN suction side.....: 1 1/2" – 100 mesh washable strainer
 Fire /Gas central.....: Hardwired and PLC
 Signal to platform at.....: Fire alert, Gas alert, fault at gas/fire detector
 Air/Diesel shut down at.....: - Overspeed of motor
 - High exhaust temperature
 - High coolant temperature
 - Low oil pressure in motor
 - Low air pressure
 - Fire alert
 - Gas alert
 - Emergency stop
 - Emergency stop from control room
 - Low lubricate oil pressure pump

Power supply

Fuse (qty).....: 1 Fuse (A).....: 16
 El.Power1.....: 110-240 V 1 phase(Hz).....: 45/60 (kW).....: (A).....:
 (Utility)

Flow / Pressure / Volume

Diesel Tank Volume (ltr).....: 500
 Diesel consumption (ltr/hr).....: 120

Additional information

- Equipment / Functions.....: - FES foam fire extinguisher system.
- Fire extinguisher 12kg.
- OPS connections.
- The unit is certified by Notified Body (DNV) to drive without flame traps in the exhaust in dangerous areas (Zone 2).