



NITROGEN PUMP

Dimensions

Length(mm).....: 4350 Width(mm).....: 2440 Height(mm).....: 2440
 Weight (kg).....: 11000
 Lifting/ Transportation.....: Frame with forklift channels and lifting slings. DNV 2.7-1.
 Certificate(s) / Serial No:.....: NP90S-003

Construction year

Built.....: 2020

Area of use / certification

Onshore/offshore.....: Offshore
 Standard.....: Zone 2, 2014/34/EU, ATEX Equipment Directive, 89dbA
 2006/42/EC Machinery Directive
 BS EN 1127-1:2019
 BS EN 1834-1:2000 Reciprocated internal combustion engines
 2006/42/EC Machinery Directive
 2014/68/EU Pressure Equipment Directive
 2014/30/EC EMC Directive

Flow / Pressure / Volume

Q max (SCF/H).....: 90000
 P-max (bar).....: 690

Connections

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

Pump / Engine

Triplex pump.....: Manufacturer: CS&P / Model no: ICP 100
 Triplex pump Serial no.....: 747-05166-00007
 Boost pump.....: Manufacturer: Cryogenic Industrial Supplies / Model no: CRP100 boost pump / Part no: CR0012
 Cold-ends.....: CS&P - 1.25" 10k (3 off)
 Vaporizer.....: Cryogenic Industrial Supplies - Part no: 90k-10k
 Motor.....: Volvo D7 Engine, Part no: D7C-B TA,
 Motor (serial no.).....: 5312554581
 Filter LIN suction side.....: Washable strainer
 Fire /Gas central.....: Superseded with flame trap system
 Air/Diesel shut down at.....: - Engine overspeed 3400 rpm
 - Low oil pressure 10 psi falling
 - High exhaust temperature 198 degrees C
 - High coolant temperature 100 degrees C
 - Low hydraulic oil level
 Emergency Stop

Additional information

Equipment / Functions.....: Designed for use in Zone II - 3G areas

UNIT IS LOCATED IN UK:
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