Unit no. ELV-01

IKM Testing AS

ELECTRICAL AIR HEATER

Dimensions

Length(mm).....: 2100 Width(mm).....: 1000 Height(mm).....: 1250
Weight (kg).....: 640
Lifting/ Transportation.....: Frame with forklift channels

Construction year

Built.....: 2007

Area of use / certification

Onshore/offshore.....: Offshore
Z-015 (type).....: U99
Standard.....: Zone 1, ATEX II2G EEx cde IIC T4, Normal unmanned

Flow / Pressure / Volume

Q-max (m3/min).....: 70.0
P-max (bar).....: 10
Max temp. (GrC).....: 65

Connections

Inlet connection.....: 6" 150# ANSI
Outlet connection.....: 6" 150# ANSI

Power supply

Fuse (qty).....: 1 Fuse (A)....: 125
El.Power1.....: 400 (Hz).....: 50 (kW).....: 70 (A).....: 80
Heater.....: IH-DN250-1500DL/70000W-3X400V
Main Cabinet.....: GHG 665 5002 (Ser. No: 70097-1)
II2 (1)G EEx de (ia) IIB T5 IP-56 (Cert. No: 06ATEX2227)
400V Max load: 125 A 50 Hz
Control Cabinet.....: GHG 665 5002 (Ser. No: 70097-1)
II2 (1)G EEx de (ia) IIB T5 IP-56 (Cert. No: 06ATEX2227)
400V Max load: 125 A 50 Hz
Heater Element Cabinet.....: BACKER IH-DN250 1500DL
II2 (1)G EEx ed IIC T3 IP56 (Cert. No: 04ATEX1489)
400V Max load: 101 A 50 Hz

Additional information

Equipment / Functions.....: Adjustable thermostat for automatically air heating.

125 A – Connected load heater element: 70kW
(Heater element can be coupled for use with 80A or 63A powersupply)