Unit no. PU-14

IKM Testing AS

COMPACT UNIT FOR CHEMICAL CLEANING

Dimensions

Length(mm).....: 1400 Width(mm).....: 900 Height(mm).....: 1600
Weight (kg).....: 600
Lifting/ Transportation.....: Frame with forklift channels and wheels.

Construction year

Built.....: 1998
Upgraded/rebuilt.....: 2022

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: Eexde IIC T4 Zone 1, in acc. to Norsok Z-015

Flow / Pressure / Volume

Tank Volume (ltr).....: 350
Hz v Q-max measure.....: 50 Q-max (l/min).....: 70

Connections

Inlet connection.....: 1 ea. 1/2" BSP Male
Outlet connection.....: 1 ea. 1/2" BSP Male

Pump(s)

Pump1 (type).....: Cat Pump 3521 acid-resistant

Motor / Engine(s)

Motor1 (type).....: ATB BD180M-4
Motor1 (Cert. No.).....: 561134 001 (Serial no.) / PTB 09 ATEX 1012 X (Cert. no)
II 2G Ex de IIB T4 Gb

Power supply

Fuse (qty).....: 1 Fuse (A)....: 63

El.Power1.....:	400 VD	(Hz).....:	50	(kW).....:	18,5	(A).....:	35
El.Power2.....:	690 VY	(Hz).....:	50	(kW).....:	18,5	(A).....:	20,5
El.Power3.....:	400 VD	(Hz).....:	60	(kW).....:	18,5	(A).....:	34,5
El.Power4.....:	440-480 VD	(Hz).....:	60	(kW).....:	22	(A).....:	37,5-34,5
El.Power5.....:	660-690 VY	(Hz).....:	60	(kW).....:	18,5	(A).....:	21-20

Starter.....: GHG 6645/ AK4-1
MES type : 22-002
2460 DNV 22 ATEX 15714 X
II 2 (1) G Ex db eb [ia Ga] IIC T4 Gb
400-690 V 50-60 Hz

Filter

Outlet filter (qty).....: 1
Outlet filter house (type).....: FH2,5L 100BAR-85-A
Outlet filter element (type).....: D143G03A / P164598
Inlet filter (qty).....: 1
Inlet filter house (type).....: FH2,5L 100BAR-85-A
Inlet filter element (type).....: D143G03A / P164598

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Additional information

Equipment / Functions.....: Heat exchanger, flowmeter, outlet for samples, level glass, manhole cover in tank, breathing filter (1 ea. UCC SAB-7101 (part no. 341365)
The unit is built in acid-resistant material.
The unit is built especially for chemical cleaning of tubing.