

Unit no. FU-83



IKM
Testing AS



OIL FLUSHING UNIT

Dimensions

Length(mm).....: 2080 Width(mm).....: 1530 Height(mm).....: 2306
Weight (kg).....: 3000
Lifting/ Transportation.....: Frame with forklift channels s in acc with DNV 2.7-1 (Ref. cert. / Ser. No. Frame : S155053/11 / FU-83)

Construction year

Built.....: 2013

Area of use / certification

Onshore/offshore.....: Offshore
Z-015 (type).....: U99
Standard.....: Offshore Zone 1 Z-015
ATEX II 2G c IIB T4
ATEX II 2G Ex de IIB T5

Flow / Pressure / Volume

Tank Volume (ltr).....: 1000
Hz v Q-max measure.....: 60 Q-max (l/min).....: 480
Flowrate1.....: 74 ltr/min @ 280 Bar (50 Hz)
Flowrate2.....: 110 ltr/min @ 200 Bar (50 Hz)
Flowrate3.....: 200 ltr/min @ 100 Bar (50 Hz)

Connections

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

Pump(s)

Pump1 (type).....: MOOG HK-R18A7-RKP140M28S2Z
Ex II 2GD 135°C (T4)
Pump1 (Cert. No.).....: DA55145
Pump2 (type).....: MOOG HK-R18A7-RKP140M28S2Z
Ex II 2GD 135°C (T4)
Pump2 (Cert. No.).....: DA50499

Motor / Engine(s)

Motor1 (type).....: Bartec Varnost 5KTC 250 M-4
Ex II 2G Ex de IIC T4 Gb (Cert.no. PTB 11 ATEX 1034 X)
Motor1 (Cert. No.).....: 201386576
Motor2 (type).....: Bartec Varnost 5KTC 250 M-4
Ex II 2G Ex de IIC T4 Gb (Cert.no. PTB 11 ATEX 1034 X)
Motor2 (Cert. No.).....: 201386577

Power supply

Fuse (qty).....: 2	Fuse (A).....: 100		
El.Power1.....: D 380-415 VAC (Hz).....: 50		(kW).....: 55	(A).....: 98
El.Power2.....: Y 660-720 VAC (Hz).....: 50		(kW).....: 55	(A).....: 56,9
El.Power3.....: D 380-415 VAC (Hz).....: 60		(kW).....: 55	(A).....: 98
El.Power4.....: Y 660-690 VAC (Hz).....: 60		(kW).....: 55	(A).....: 56,7
El.Power5.....: D 440-480 VAC (Hz).....: 60		(kW).....: 63	(A).....: 98
Control Panel.....: IKM Elektro (Serial No. 73950.5-EC-001)			

Filter

Filter outlet (qty).....: 2 Filterhouse (type):. 938783Q / D143G03A / Filterelement (type):. D143G03A
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Additional information

Equipment / Functions.....: Q-MAX IS TOTAL FLOW FOR BOTH PUMPS (PUMP 1: 240 ltr/min - PUMP 2: 240 ltr/min).
Heat exchangers, level switch, manhole in top of tank, thermometer, manometer, sampling