



## OIL FLUSHING UNIT

### Dimensions

Length(mm).....	1500	Width(mm).....	1100	Height(mm).....	1850
Weight (kg).....	1350				
Lifting/ Transportation.....	Frame with forklift channels and wheels (Ref. serial no. frame : FU-82)				

### Construction year

Built.....: 2013

### Area of use / certification

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

### Flow / Pressure / Volume

Tank Volume (ltr).....	300		
Hz v Q-max measure.....	50	Q-max (l/min).....	117
Flowrate1.....	20 ltr/min @ 350 Bar (50 Hz)		
Flowrate2.....	55 ltr/min @ 250 Bar (50 Hz)		
Flowrate3.....	100 ltr/min @ 150 Bar (50 Hz)		
Min. viscosity (cst).....	12		
Max. Viscosity (cst).....	100		
Max temp. (GrC).....	60		

### Connections

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

### Pump(s)

Pump1 (type).....: MOOG HKR15A1 (Serial no DA57599)  
 RKPO80TM35S2Z30  
 Ex II 2GD 135°C (T4)  
 Pump1 (Cert. No.).....: BVS 06 ATEX H/B 052

### Motor / Engine(s)

Motor1 (type).....: Bartec Varnost 4KTC 200 L-4  
 Ex II 2G Ex de IIC T4  
 Motor1 (Cert. No.).....: PTB 09 ATEX 1119X

### Power supply

EI.Power1.....	D 380-415 VAC	(Hz).....	50	(kW).....	30	(A).....	53
EI.Power2.....	Y 660-720 VAC	(Hz).....	50	(kW).....	30	(A).....	31
EI.Power3.....	D 380-415 VAC	(Hz).....	60	(kW).....	30	(A).....	54,6
EI.Power4.....	Y 660-690 VAC	(Hz).....	60	(kW).....	30	(A).....	31,5
EI.Power5.....	D 440-480 VAC	(Hz).....	60	(kW).....	34,5	(A).....	53,3
Control Panel.....	Stahl 8264/-222-3110 (Serial no 73950.1-EC-004) Ex II 2G Ex de IIB T5 Sert.no Nemko 13 ATEX 2095						

### Filter

Filter outlet (qty).....	1	Filterhouse (type):	D141G03A	Filterelement (type):	FC7006.Q010.BK / P167842 / D141G03A
Filter inlet (qty).....	1	Filterhouse (type):	D141G03A	Filterelement (type):	FC7006.Q010.BK / P167842 / D141G03A

***Additional information***

Equipment / Functions.....: Recommended viscosity: 16 – 46 cst.

Recom. back up fuse:

660-690V: 63 A

400-480V: 63 "slow" fuse (D-characteristic, outlet for motorstarter, circuit-breaker)

Heat exchangers, flow meters, manhole on top of tank, level gauge, level switch