



## COMPACT UNIT FOR CHEMICAL CLEANING

### Dimensions

Length(mm).....: 2250                      Width(mm).....: 1000                      Height(mm).....: 1750  
Weight (kg).....: 1550  
Lifting/ Transportation.....: Frame with forklift channels and wheels (Ref. cert. frame : PU-52)

### Construction year

Built.....: 2013

### Area of use / certification

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

### Flow / Pressure / Volume

Tank Volume (ltr).....: 360  
Hz v Q-max measure.....: 60                      Q-max (l/min).....: 98  
Hz v P-max measure.....: 50                      P-max (bar).....: 140  
Flowrate1.....: Alternative Pump Head: 57 ltr/min / 267 Bar (@50Hz)  
Max temp. (GrC).....: 60

### Connections

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

### Pump(s)

Pump1 (type).....: Cat 6821.BHMDEX (R5120037)  
Ex II 2Gc T4X  
Pump1 (Cert. No.).....: PTB 08 ATEX D 090

### Motor / Engine(s)

Motor1 (type).....: Bartec Varnost 4KTC 200 L-4  
Ex II 2G Ex de IIC T4 (Cert. No. PTB 09 ATEX 1119X)  
Motor1 (Cert. No.).....: 201383300

### Power supply

Fuse (qty).....: 1                      Fuse (A)....: 63  
El.Power1.....: D 380-415 VAC (Hz).....: 50                      (kW).....: 30,0                      (A).....: 53,0  
El.Power2.....: Y 660-720 VAC (Hz).....: 50                      (kW).....: 30,0                      (A).....: 31,0  
El.Power3.....: D 380-415 VAC (Hz).....: 60                      (kW).....: 30,0                      (A).....: 54,6  
El.Power4.....: Y 660-690 VAC (Hz).....: 60                      (kW).....: 30,0                      (A).....: 31,5  
El.Power5.....: D 440-480 VAC (Hz).....: 60                      (kW).....: 34,5                      (A).....: 53,3  
Starter.....: Stahl 8264/-223-3110 (Ser. no. 310372-1-1)  
Ex II 2G Ex de IIB T5 (Cert.no. Kema 01 ATEX 2145U)

### Filter

Outlet filter (qty).....: 1  
Outlet filter house (type).....: AD-D002185-WP420-DP420-TP600  
Outlet filter element (type).....: D143G03A  
Inlet filter (qty).....: 1  
Inlet filter house (type).....: AD-D004359-WP100-DP100-TP150  
Inlet filter element (type).....: D143G03A

***Additional information***

Equipment / Functions.....: UNIT CAN BE DELIVERED WITH ALTERNATIVE PUMPHEAD (specify when ordering)  
CAPACITY FOR ALTERNATIVE PUMPHEAD (HP0372A03AZP01): 57 ltr/min / 267 Bar (@50Hz)

Recommended fuse:

660-690V: 63 A

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

Heat-exchanger, flowmeter, manhole on top of tank, levelglass, levelguard, float valve  
Frame built in SS304, all wet parts in SS316.