



COMPACT UNIT FOR CHEMICAL CLEANING

Dimensions

Length(mm).....	2250	Width(mm).....	1050	Height(mm).....	1750
Weight (kg).....	1550				
Lifting/ Transportation.....	Frame with forklift channels and wheels (Ref. cert. frame : PU-54)				

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.....	50	Q-max (l/min).....	57
Hz v P-max measure.....	50	P-max (bar).....	267
Flowrate1.....	Standard Pump Head: 98 ltr/min / 140 Bar (@60Hz)		
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 (01203965) 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.).....	201384472

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. 73950.2-EC-006) Ex II 2G Ex de IIB T5 (Cert.no. Nemko 13 ATEX 2080)					

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.