



## PUMP FOR PIGGING / CHEMICAL CLEANING

### Dimensions

Length(mm).....	2700	Width(mm).....	1200	Height(mm).....	1600
Weight (kg).....	3000				
Lifting/ Transportation.....	Frame with forklift pockets and lifting. DNV 2.7-1 Ref. cert. Frame: 2139822 / PP-108				

### Construction year

Built.....: 2014

### Area of use / certification

Onshore/offshore.....	Offshore
Standard.....	Norsok Z-015, Zone 1
Power (Electrical/Diesel).....	Electrical

### Flow / Pressure / Volume

Hz v Q-max measure.....	60	Q-max (l/min).....	2600
Hz v P-max measure.....	60	P-max (bar).....	30
Flowrate1.....	766 ltr/min @ 29,5 bar (60Hz)		
Flowrate2.....	2000 ltr/min @ 25,03 bar (60Hz)		
Flowrate3.....	2608 ltr/min @ 20,25 bar (60Hz)		

### Connections

Inlet connection.....	6" 150# RF, Alternative DN125 CL300
Outlet connection.....	4" 300# RF, Alternative DN100 CL600

### Pump(s)

Pump1 (type).....	KSB Multitec D 100/ 3-7.1 30.67 II 2G c TX
Pump1 (Cert. No.).....	9972611883/000100/01

### Motor / Engine(s)

Motor1 (type).....	ATB BD 315L1-2 A II 2G Ex de IIB T4 Cert No: PTB 09 ATEX 1011 X
Motor1 (Cert. No.).....	541952002

### Power supply

Fuse (qty).....	1	Fuse (A).....	300				
El.Power1.....	400 VD	(Hz).....	50	(kW).....	160	(A).....	270
El.Power2.....	690 VY	(Hz).....	50	(kW).....	160	(A).....	155
El.Power3.....	400 VD	(Hz).....	60	(kW).....	160	(A).....	270
El.Power4.....	440-480 VD	(Hz).....	60	(kW).....	176	(A).....	270-245
El.Power5.....	660-690 VY	(Hz).....	60	(kW).....	160	(A).....	163-156
Control Panel.....	CEAG GHG 64 size-9 / AK5-1 (Ser. No: 14-002) Ex d e mb [ia Ga] IIB T6 (Cert. No: PTB 08 ATEX 1042U / PTB 02 ATEX 1021U) 400-440-480-660-690 50/60 Hz (NEMKO Nr. 14 ATEX 2053)						

### Additional information

- Equipment / Functions.....: EL. POWER:
- Cable size : Main power P-001: 4G120 mm<sup>2</sup>
  - Rec. Backup fuse : 400-480 V: 300 A "slow" fuse (D-characteristic, outlet for motorstarter, circuit-breaker)
  - 660-690 V: 180 A "slow" fuse (D-characteristic, outlet for motorstarter, circuit-breaker)
- Pressure gauge on the inlet.
  - Gate valve on outlet
  - Pressure gauge before and after Gate valve on outlet
  - Valve for venting the pump housing.
  - Valve for frost protection in pump.
  - Monitoring phase sequence, Feed wate