

WP 700 Well service Pump Unit

for Hazardous area Zone 2

This unit are designed specifically for applications in 3G areas (Zone 2) and is CE, NORSOK Z-015:2020, ATEX and SOLAS compliant. The unit can operate in ambient temperatures from -20° C to +35° C. Unit sound pressure level (SPL) is equal or below 83 dBA@1m according NORSOK Z-015:2020 requirements.

Features:

- Field proven technology.
- Standardized components.
- Designs based on operational experience.
- Operation without exhaust flame arresters.
- Easy access for maintenance, large service doors.

About Enerion:

Enerion is a leading provider of products and services to the energy sector. We have extensive experience in engineering, manufacturing and service of equipment and are committed to deliver flexible and future oriented solutions to our customers.



Technical data:

Engine	: Caterpillar C18, 533bkW@2100RPM, EPA and IMO Tier II
Transmission	: Allison 6600 series.
Triplex fluid end	: 4" plungers. (Options available)
Triplex power end	: Gardner Denver 600
Safety system	: Electronic
Control system	: Electronic with HMI, remote operator panel with 35m cable
Diesel capacity	: 8-10 hours
Sound pressure level (SPL)	: 83 dBA
Maximum working pressure	: 549 BAR@29 lpm (in lock-up).
Maximum flow	: 1630 LPM@156 BAR (in lock-up).
Fire extinguisher system	: Yes.

Interface:

Air	: Rig pressure 5 – 8 bar, 1" Chicago claw coupling.
Electric Power	: Multi voltage, 110V/230V.
Suction	: 1 x 4" fig. 206 WECO.
Discharge	: 1 x 2" fig. 1502 WECO.

Approvals:

CE marked	: Yes
ATEX	:  II 3G IIA T3
Lifting	: DNV 2.7-1 & EN 12079
Other compliances	: NORSOK Z-015:2020

Enerion AS

Plogfabrikkvegen 20
N-4353 Klepp Stasjon
Norway

Enerion Ltd

Bourtie Industrial Park, Inverurie,
Aberdeenshire, AB51 0HL
UK

24/7: +47 51 31 43 00

E-mail: post@enerion.com

Web: www.enerion.com



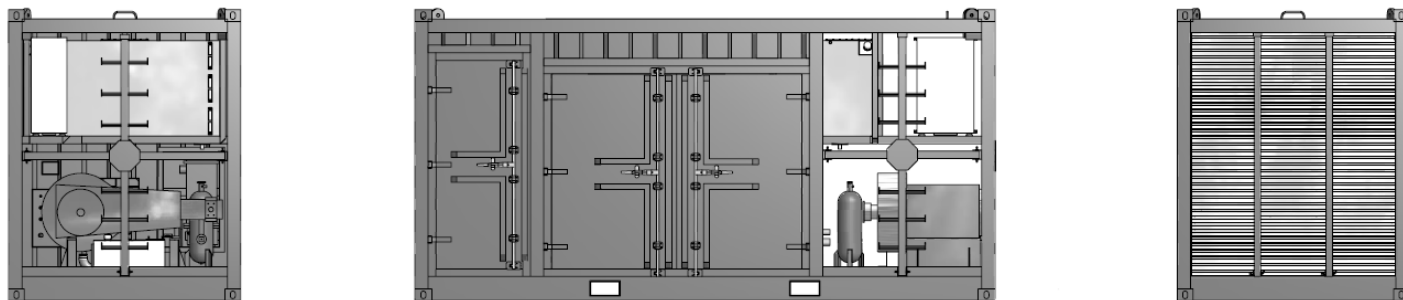
WP 700 Well service Pump Unit

for Hazardous area Zone 2

Weight & Dimensions:

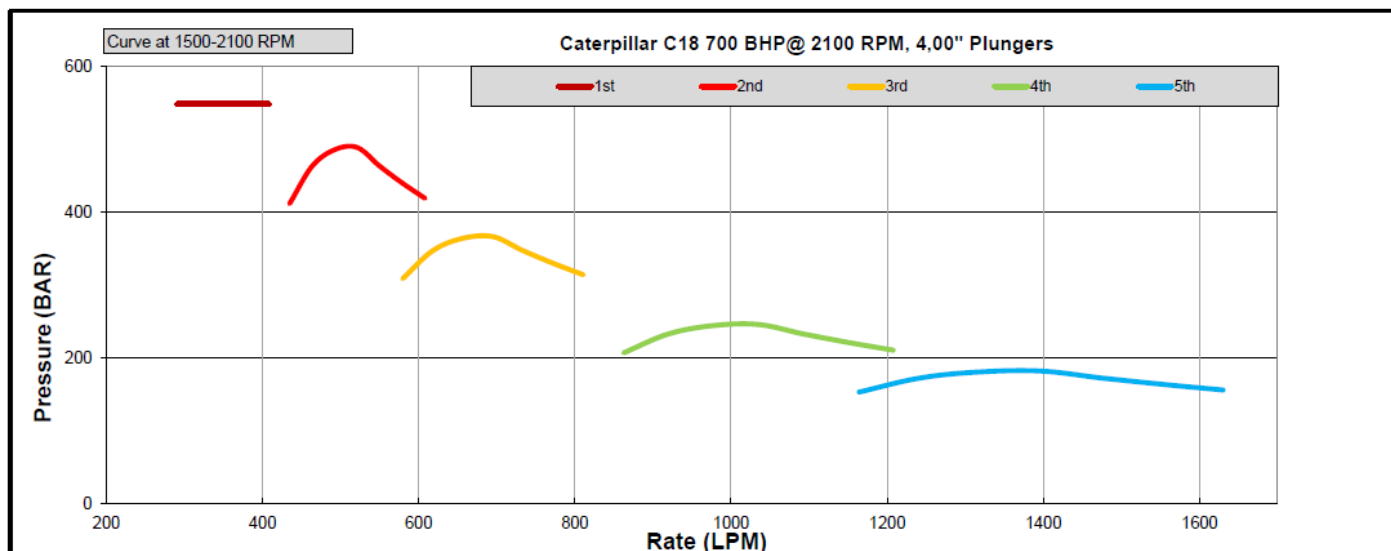
Length	: 6058 mm
Width	: 2438 mm
Height	: 3050 mm
Max Gross Weight	: 18 500 kg

General arrangement Drawing:



Pump curve 4" Plunger size (other sizes available):

Engine RPM	BHP	HHP	5th	Pressure (BAR)	4th	Pressure (BAR)	3rd	Pressure (BAR)	2nd	Pressure (BAR)	1st	Pressure (BAR)
			Rate (LPM)		Rate (LPM)		Rate (LPM)		Rate (LPM)		Rate (LPM)	
2100	715	570	1630	156	1207	211	811	314	608	419	407	549
2000	710	570	1552	164	1150	222	772	330	579	440	388	549
1900	697	570	1475	173	1092	233	734	348	550	463	369	549
1800	670	570	1397	183	1035	246	695	367	521	489	349	549
1700	630	535	1320	181	977	245	656	365	492	486	330	549
1600	575	480	1242	173	920	233	618	348	463	463	310	549
1500	495	400	1164	154	862	208	579	309	434	412	291	549
1400	420	325	1087	134	805	181	541	269	405	359	272	535
1300	367	272	1009	121	747	163	502	242	377	323	252	482
1200	325	230	931	110	690	149	463	222	348	296	233	442



Enerion AS

Plogfabrikkvegen 20
N-4353 Klepp Stasjon
Norway

Enerion Ltd

Bourtie Industrial Park, Inverurie,
Aberdeenshire, AB51 0HL
UK

24/7: +47 51 31 43 00
E-mail: post@enerion.com
Web: www.enerion.com

 **enerion**
New technology. Proven solutions