

GRUNDFOS Pumper AS

Rune Sesaker



GRUNDFOS® 

- Best på pumper

ooo GRUNDFOS KORT FORTALT

- > Grunnlagt 1945 av Poul Due Jensen!
- > Årlig produksjon av mer enn 18 millioner pumpe enheter!
- > Omsetning:
23 Milliarder DKK år 2011
- > Over 18000 medarbeidere over hele verden!



○○○ GRUNDFOS PRODUKSJON





• LANG ERFARING!

• GODE LØSNINGER!

• SERVICE!

RENOVERING

Skaun kommune



ORKDAL KOMMUNE

APS HAVNA



SUMPEN MÅ KAPPES!





ALT OVERFLØDIG FJERNES!

RENGJØRING!

NYTT DEKKE MONTERES!



A large cylindrical tank, possibly a water storage tank, is shown. The tank has a light-colored upper section and a green-painted lower section. A horizontal metal band with several bolts is visible. A black pipe or hose is connected to the side of the tank. A blue rectangular box with white text is overlaid on the top right of the image.

**DELENE ER SIKRET OG
KLARE FOR PLASTRING!**



SKJØTEN ER FERDIG!





GRUNDFOS 



Konstruksjon og oppbygging



**Kort rotor
aksel**



**Væskeløs
motor
kjøling**



**Dobbel
mekanisk
aksel tetning**



**Utskiftbar
tetnings-
ring**



**Vanntett kabel
kobling**



**Rustfri motor
kappe**



**Kraftige
kulelager**



**Syrefast
klemring**





MANUELL EVAKUERING AV LUFT I PUMPENE!

GRUNDFOS 





VEGG- VASKER

GRUNDFOS 

DUSJER
SUMPEN
VED
STOPPNIVÅ!

BE > THINK > INNOVATE >

GRUNDFOS 



SUMP- OMRØRER

GRUNDFOS 

STARTER
EN
ROTASJON
MOT
SEDIMENTERING!



**TILBAKESLAGS
-VENTIL
MED KULE!**

**LETT
TILGJENGELIG
UNDER
PUMPEN!**



GRUNDFOS® 



Fordeler i hverdagen!



Welcome to Grundfos SEG pumps



SEG



SEG AUTOADAPT

Standard version

Plug connection

Heavy-duty maintenance-free ball bearings

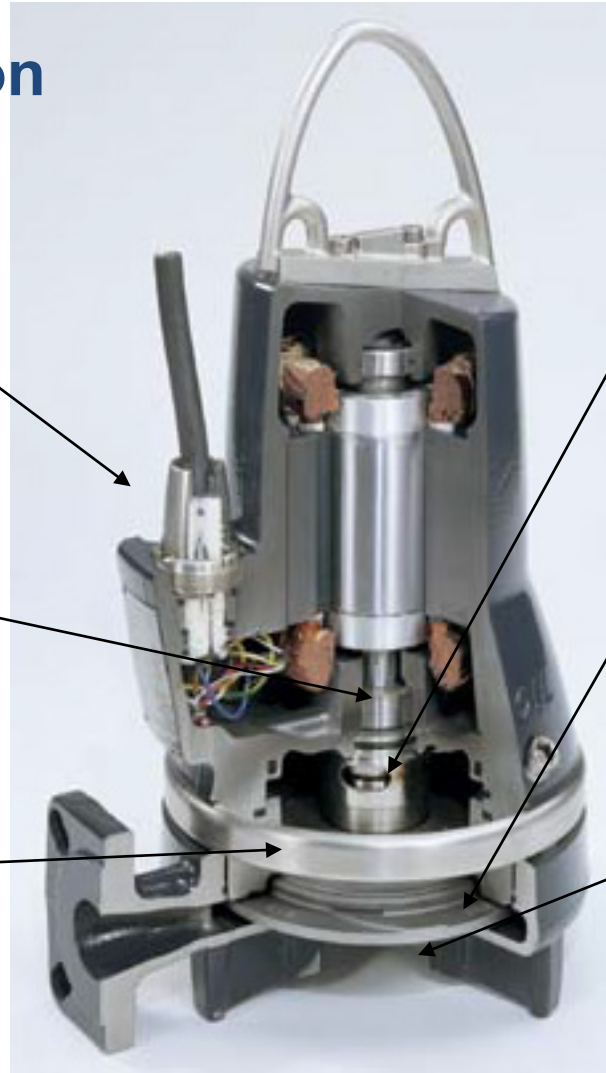
Stainless steel clamp

Cartridge seal system

SmartTrim system

Patented grinder system

Standard Heavy duty





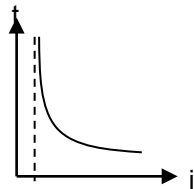
AUTOADAPT add on features



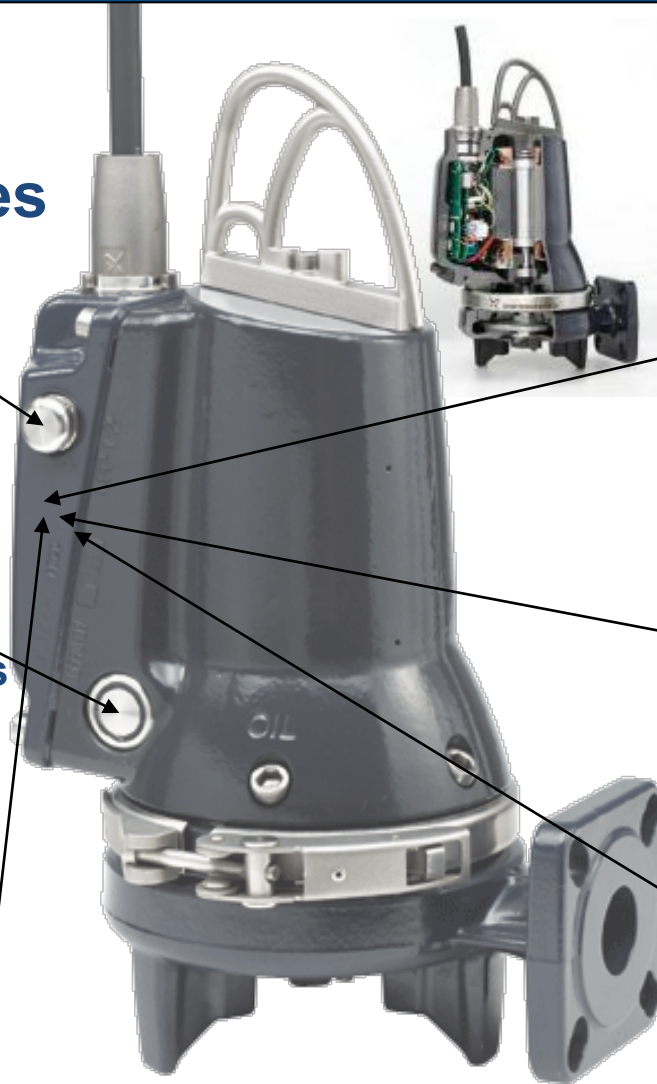
Build in
absolute
analogue
pressure
transmitter



Build in dry-run
sensor, on Ex.
versions there is
two and a Ex.
barrier



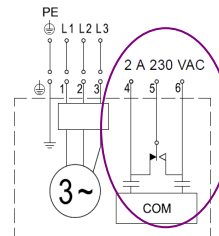
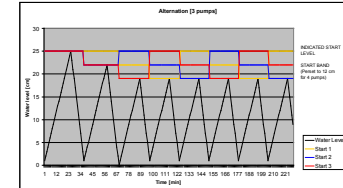
Build in motor
protection,
not approved
as stand
stand alone



Intelligent
operation &
monitoring of
pumps
condition

Build in alarm
relay and
many
advanced
settings

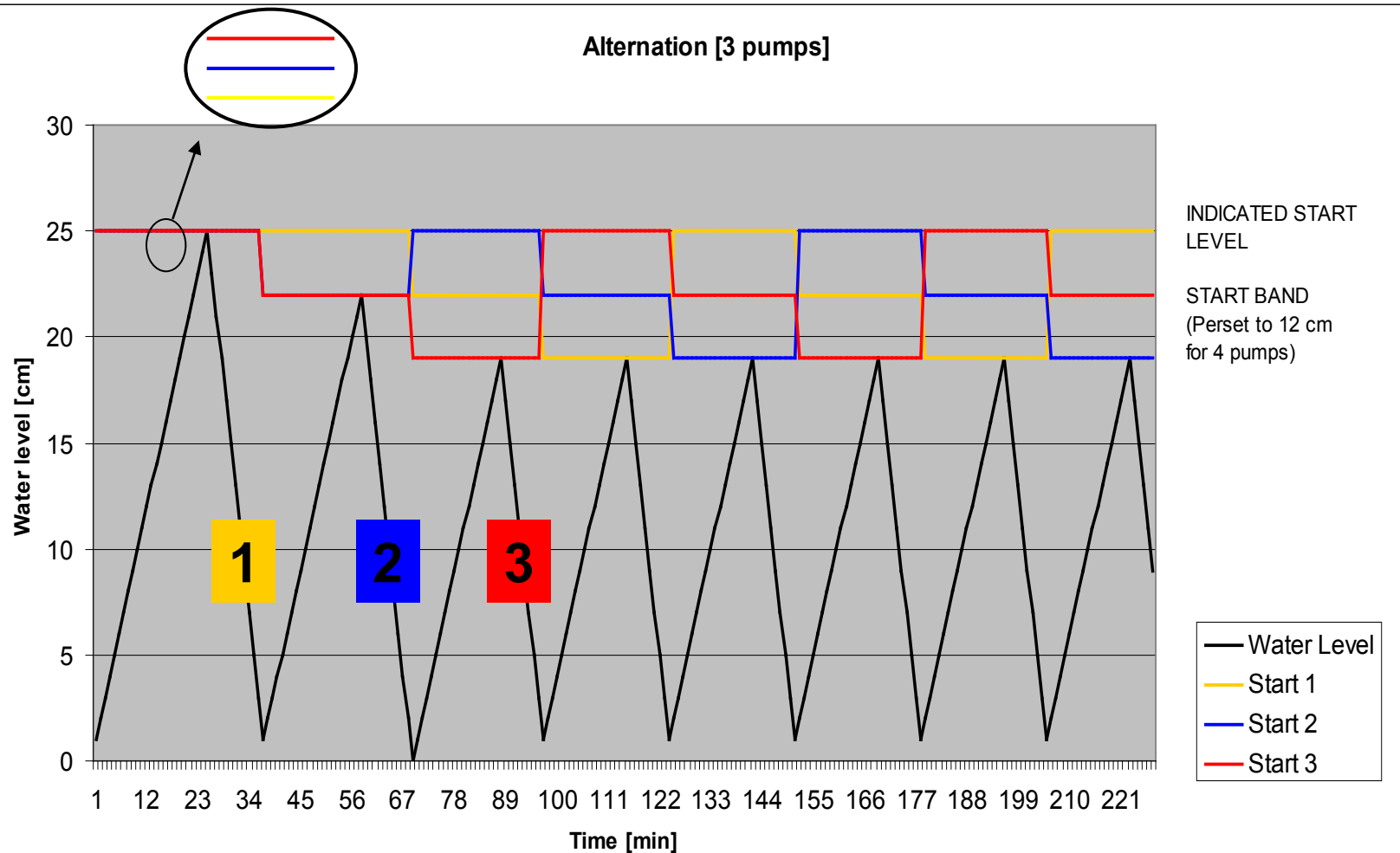
Logging of
failure and
operations
parameters



AUTOADAPT
version on

Built-in:

✓ Electrical circuit for start/stop and alternation



1



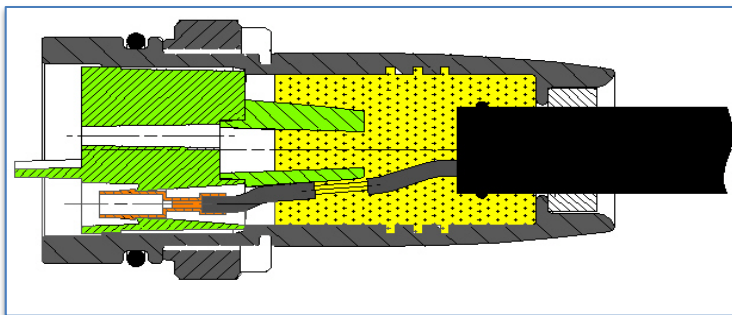
2



3



Kabelplugg



Fyllstoff er vist med gult.

SE pumpene kommer med en enkel tilkobling av motoren via en kabelplugg.

Eliminerer behovet for elektriker til å koble fra.

Kabelpluggen er hermetisk lukket med et to-komponent fyllstoff.

Ingen risiko for vanninntrengning gjennom kablen.

Full range - Select from four basic versions (1 kW – 520 kW)



Version Q

Stainless steel impeller in EN1.4408. Volute is cast iron and motor housing either cast iron (SL, S) or with a stainless steel motor jacket (SE).



Version S

Stainless steel hydraulic parts are in EN1.4408 with the shaft upgraded to EN1.4462. Motor housing is either cast iron (S) or with a stainless steel motor jacket (SE).



Version R

All parts in contact with media are entirely of stainless steel EN1.4408 with the shaft upgraded to EN1.4462



Version D

All parts in contact with media are entirely of stainless steel with the critical parts upgraded to EN1.4517 for casted parts and EN1.4539 for plate material





S | **tube**



The worlds best **WASTEWATER PUMP !**

TAKK
FOR
OSS!

Rune
Sesaker

