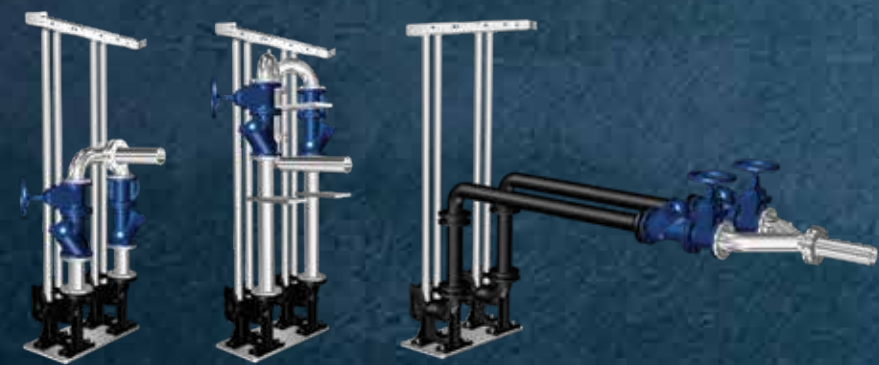


GRUNDFOS PUMPING STATIONS – A COMPLETE & CE MARKED SYSTEM

Inlet pipe	PS.R.05	PS.R.08	PS.R.10	PS.R.12	PS.R.17	PS.W.04	PS.W.06	PS.W.08	PS.W.10	PS.W.20
Inlet material										
PVC (Polyvinyl chloride)					X					
PE (Polyethylene)	X	X	X	X	X	X	X	X	X	X
Stainless steel										
Inlet size										
DN50/D63	D63	D63	D63	D63	D63	D63	D63	D63	D63	D63
DN65/D75	D75	D75	D75	D75	D75	D75	D75	D75	D75	D75
DN80/D90	D90	D90	D90	D90	D90	D90	D90	D90	D90	D90
DN100/D110	D110	D110	D110	D110	D110	D110	D110	D110	D110	D110
DN150/D160	D160	D160	D160	D160	D160	D160	D160	D160	D160	D160
DN200/D200	D200	D200	D200	D200	D200	D200	D200	D200	D200	D200
DN250/D250					D315					D315
DN300/D315										
Inlet screen										
Screen basket					X					X
Baffle plate					X					X

Pressure pipe	PS.R.05	PS.R.08	PS.R.10	PS.R.12	PS.R.17	PS.W.04	PS.W.06	PS.W.08	PS.W.10	PS.W.20
Pressure pipe material										
PE (Polyethylene)	X	X	X	X	X	X	X	X	X	X
Stainless steel	X	X	X	X	X	X	X	X	X	X
Pressure pipe size										
DN32/D40	X					X				
DN40/D50		X	X	X			X	X	X	
DN50/D63		X	X	X			X	X	X	
DN65/D75				X					X	X
DN80/D90					X					X
DN100/D110					X					X
DN150/D160										X
Extra connection										
Plug		X	X	X	X	X	X	X	X	X
Manometer		X	X	X	X		X	X	X	X
Vacuum breaker		X	X	X	X		X	X	X	X

Pipe design	PS.R.05	PS.R.08	PS.R.10	PS.R.12	PS.R.17	PS.W.04	PS.W.06	PS.W.08	PS.W.10	PS.W.20
Goose neck, common (GC)	X	X	X	X	X	X	X	X	X	X
Direct outlet, common (DC)			X		X				X	X
Valve chamber (VC)					X					



	PS.R.05	PS.R.08	PS.R.10	PS.R.12	PS.R.17	PS.W.04	PS.W.06	PS.W.08	PS.W.10	PS.W.20
Technical specifications:										
Length	2000mm	2000-3000mm	1500-3000mm	2000-3000mm	2000-6000mm	2250-6000mm	3250-6000mm	3250-6000mm	3250-6000mm	2250-6000mm
Sump diameter (mm)	500	800	1000	1200	1700	400	600	800	1000	2000
Pit material	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polyethylene
Numbers of pumps	1	1	1 or 2	1 or 2	2	1	1	1	2	2

PS.W extend the PS.R range from 3 to 6m in depth & 2m in diameter
– NOT yet available in the Pumping station creator contact Grundfos for a quotation.



Connection - Other	PS.R.05	PS.R.08	PS.R.10	PS.R.12	PS.R.17	PS.W.04	PS.W.06	PS.W.08	PS.W.10	PS.W.20
Overflow connection	X	X	X	X	X	X	X	X	X	X
Side mounted ventilation	X	X	X	X	X	X	X	X	X	X
Cable connection	X	X	X	X	X	X	X	X	X	X

Pumps	PS.R.05	PS.R.08	PS.R.10	PS.R.12	PS.R.17	PS.W.04	PS.W.06	PS.W.08	PS.W.10	PS.W.20
Pump type										
KP: Unilift KP, Unilift CC	X					X				
AP35: Unilift AP12.40, Unilift AP35		X	X	X			X	X	X	
AP50: Unilift AP12.50, Unilift AP50		X	X	X			X	X	X	
APB: Unilift AP35B, Unilift AP50B		X	X	X			X	X	X	
DP/EF: DP (0.6 - 1.5kW), EF		X	X	X	X		X	X	X	X
DP/SE: DP (2.6kW), SL1.50.65 & SLV.65.65					Max 3kW					X
SEG/APG: SEG & Unilift APG		X	X	X			X	X	X	X
SE/SL					Max 7.5kW					Max 11 kW

Installation type	PS.R.05	PS.R.08	PS.R.10	PS.R.12	PS.R.17	PS.W.04	PS.W.06	PS.W.08	PS.W.10	PS.W.20
Free standing	X	X	X	X		X	X	X	X	
Hookup with Auto coupling					X					
Submersible with auto coupling		X	X	X					X	X



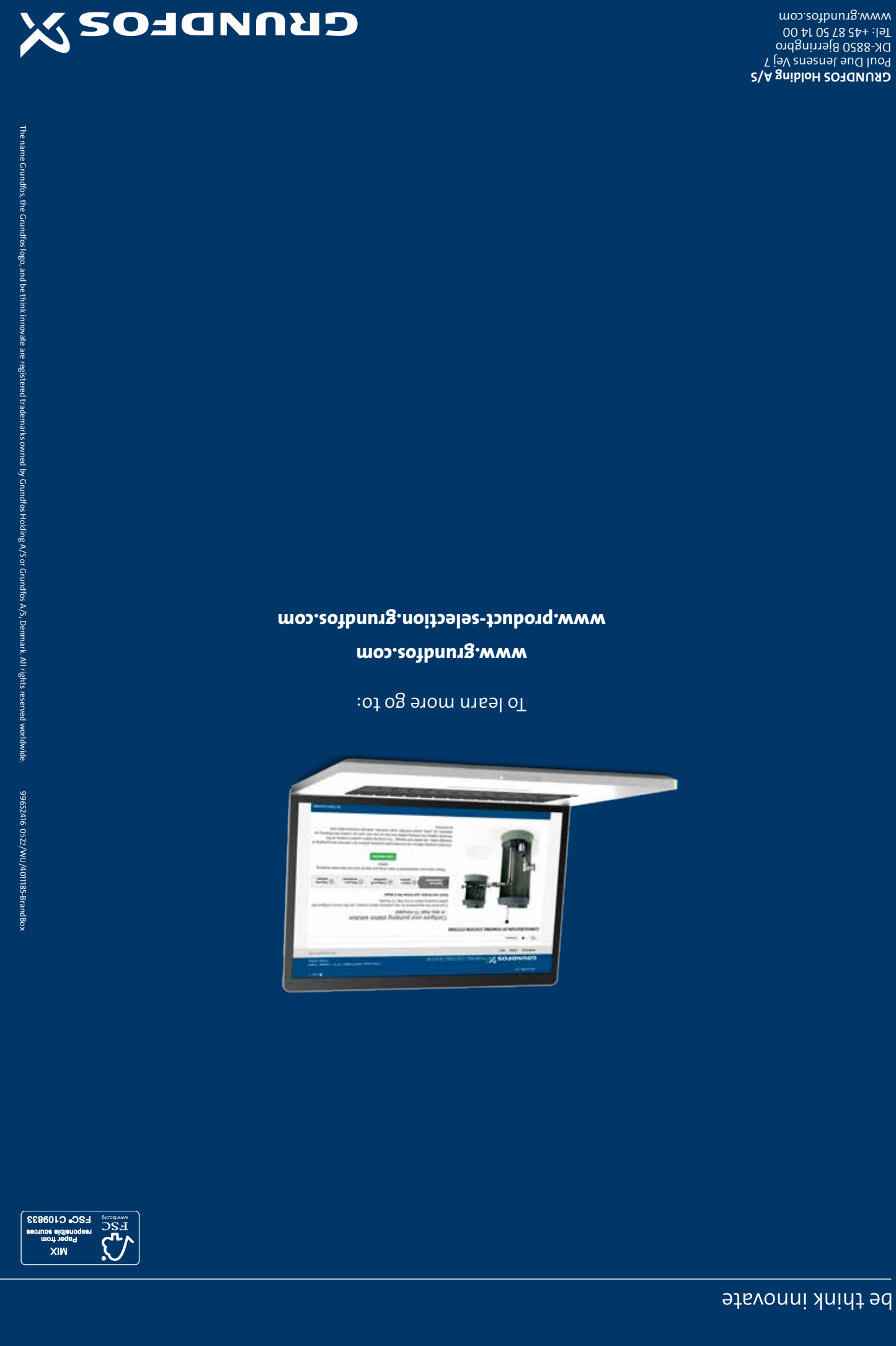
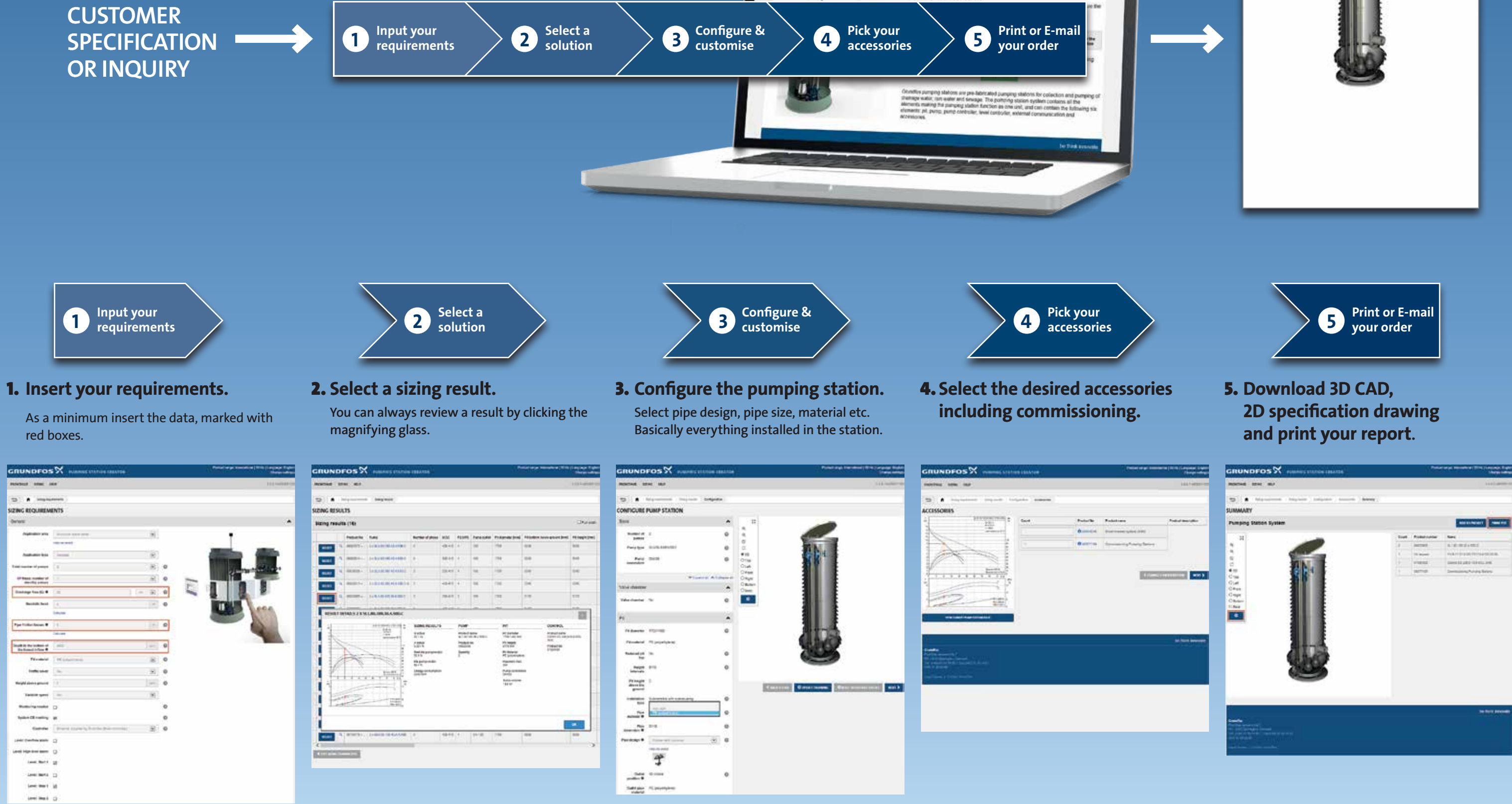
Technical specification	LC 231	LC 241	Dedicated
Basic control	X	X	
Advanced control			X
Control & monitoring			
Level control, alarm and dry running protection			
Float switches		X	X
Pressure sensor		X	X
Other solutions (FPV)		X	X
Monitoring			
Modbus		X	X
GSM/GPRS		X	X
GRM (Grundfos Remote Management)		X	X
Variable speed			
CUE frequency converter			X
Support function			
Mixer or Flush valve control			X
Accessories			
Battery backup			X
External mains switch for supply cable	X	X	
MP204 motor protection per pump			X
System fault light			X
Pump fault light			X
Audible alarm 100db			X
Ampere meter per pump			X
Voltmeter with phase switch			X
Hour counter in cabinet door			X
Beacon internal			X
Phase monitoring			X
Main switch with neutral			X
Transient voltage protection			X
Lightning protection			X
Residual-current circuit breaker			X
Auto switch power supply, 45kW			X
Cabinet heater 30W			X
Panel light 230V with socket			X
Manual reset switch in cabinet door			X
External service plug 3x400V 16A			X
Outdoor cabinet double door			X

Note: This page shows our standard program, but we can do much more!

be
think
innovate

GRUNDFOS

DESIGN YOUR PUMPING STATION IN 5 QUICK STEPS:

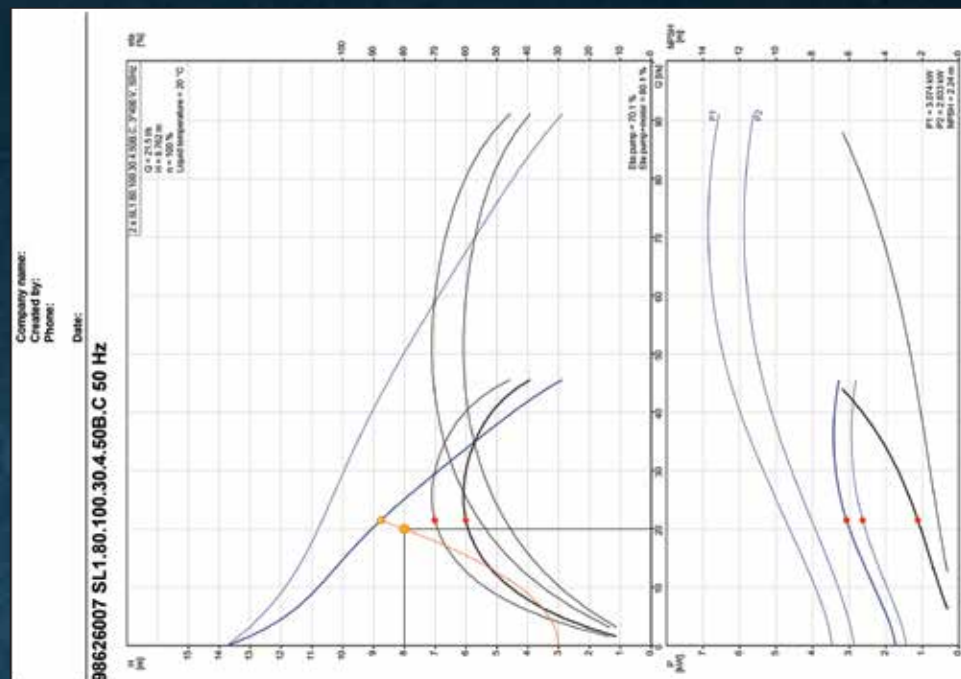
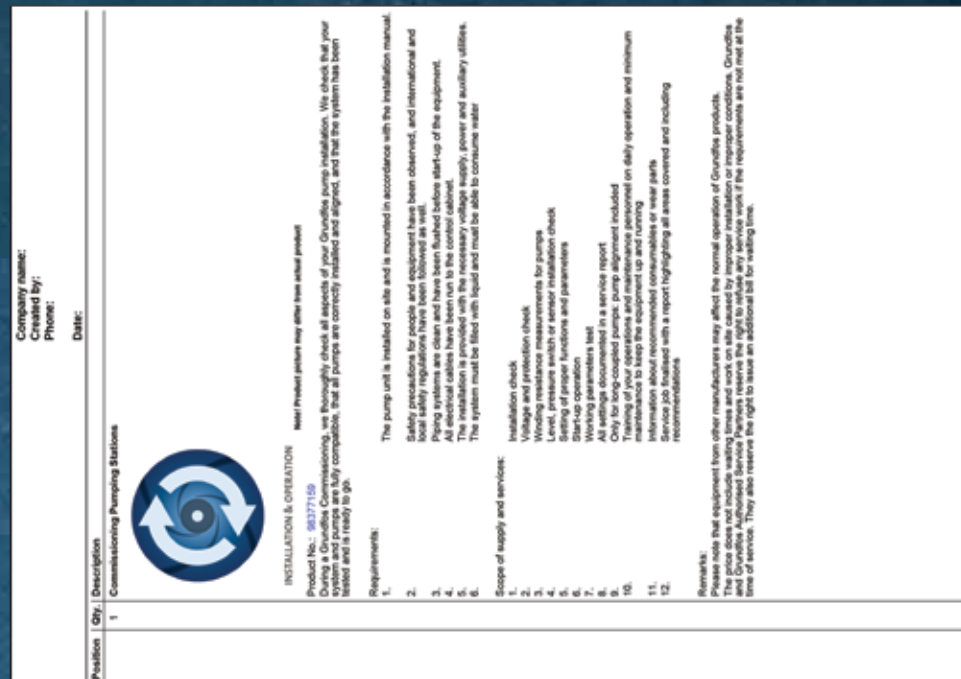
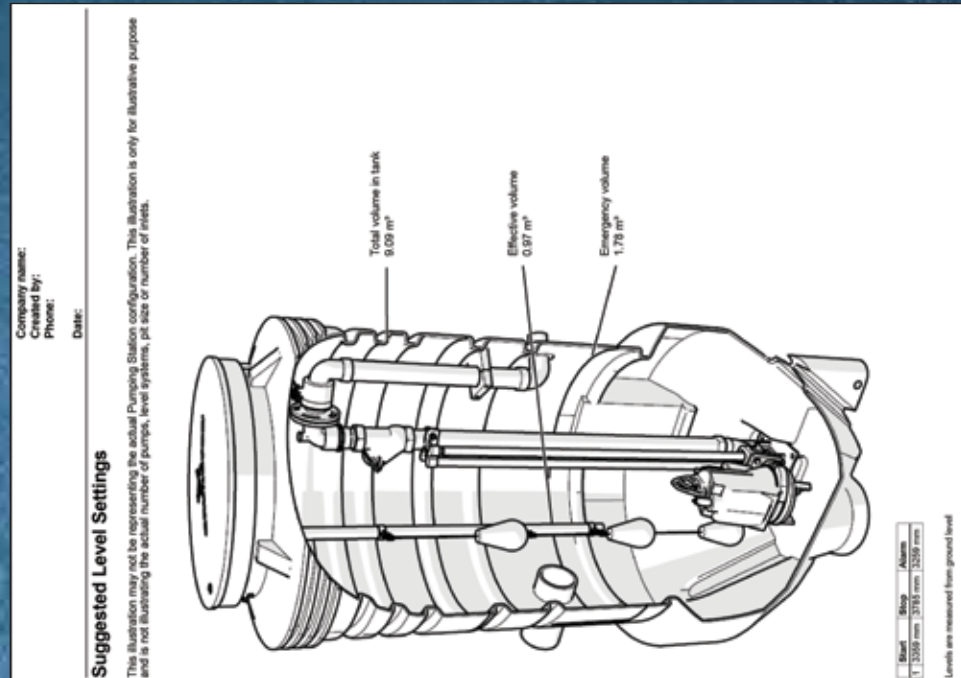
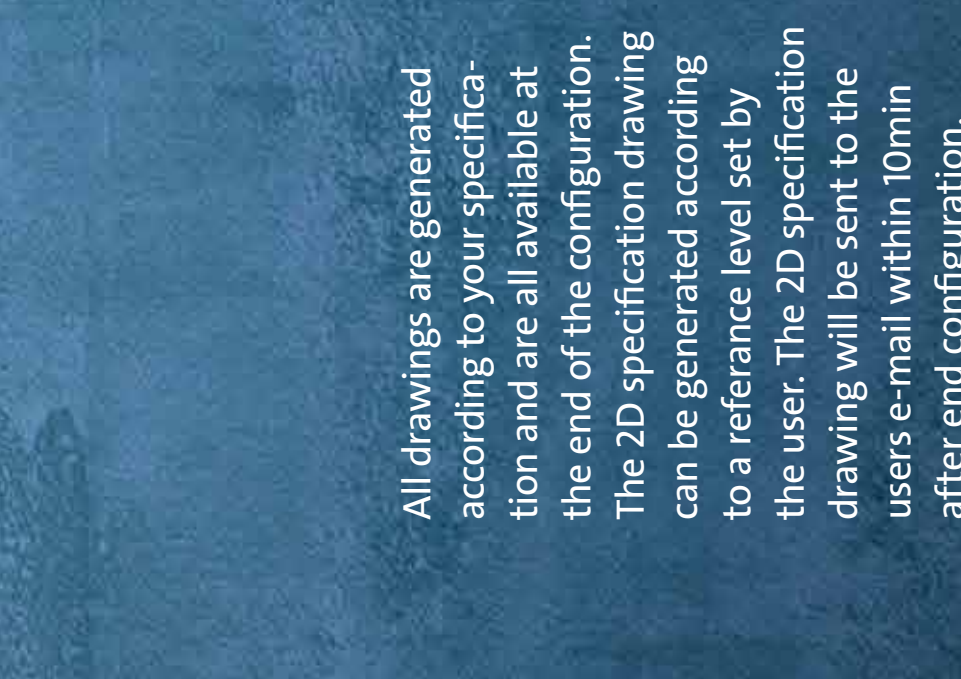
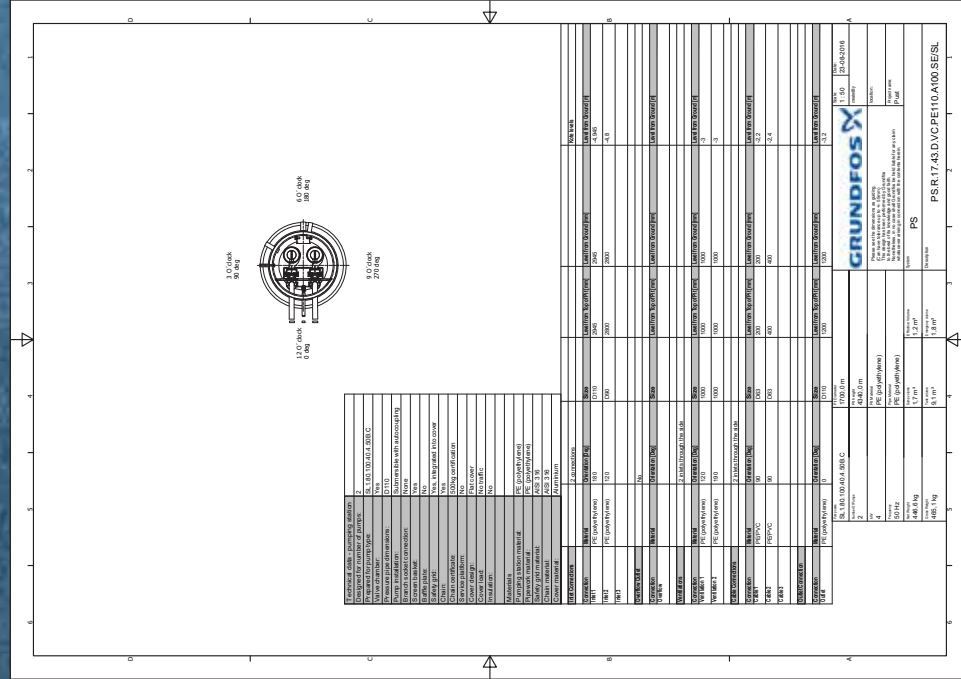
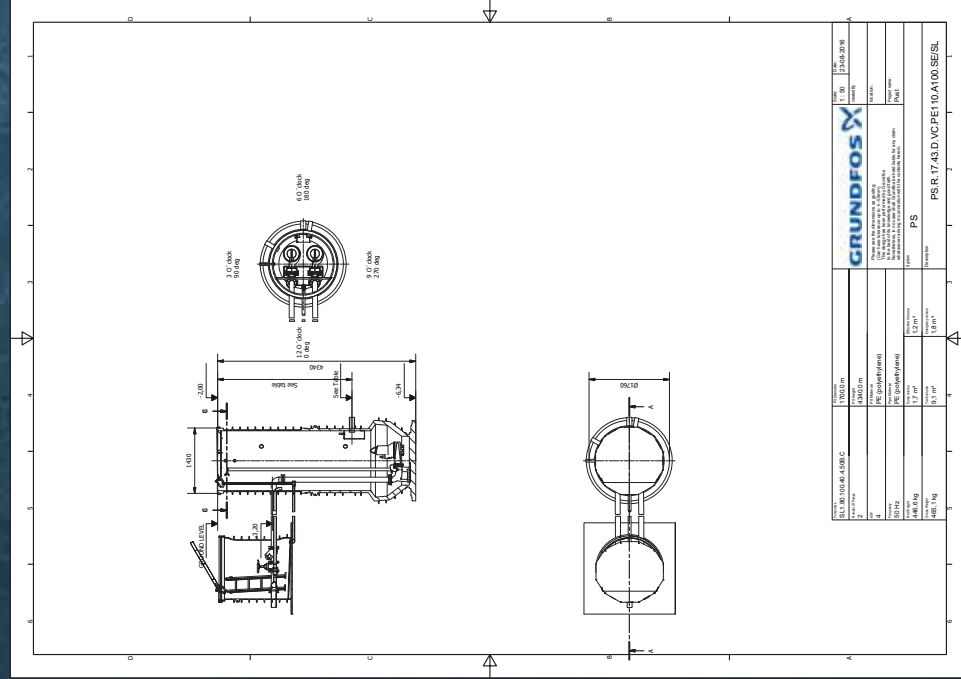
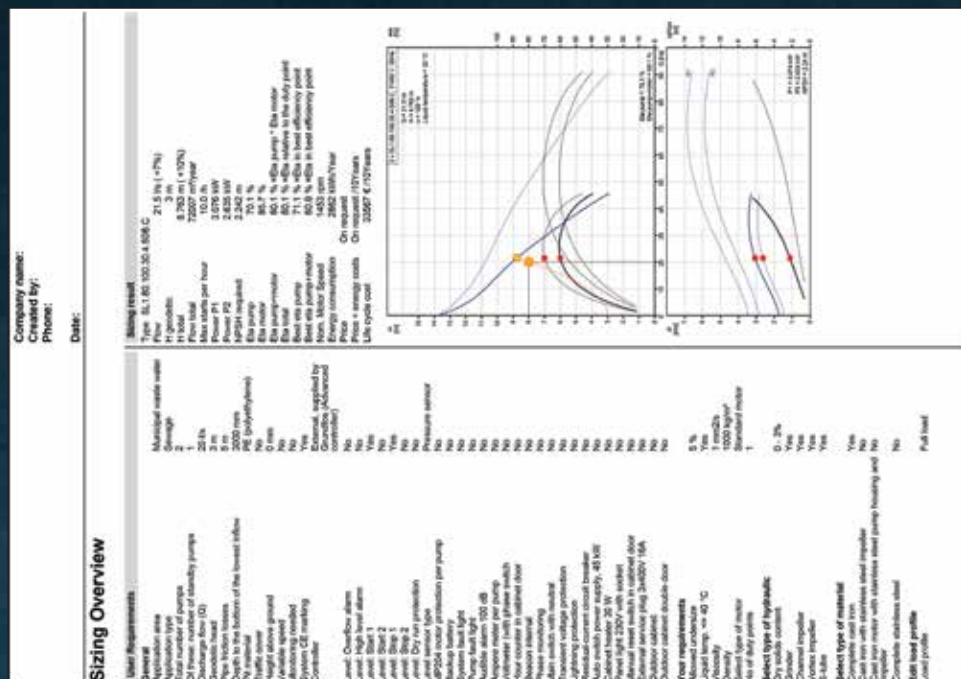
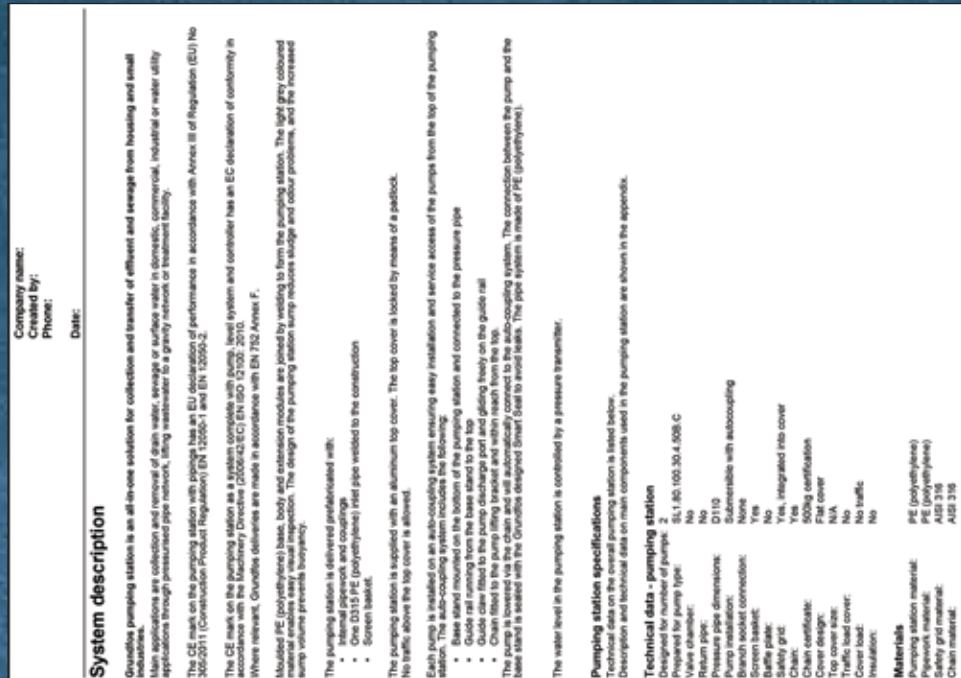
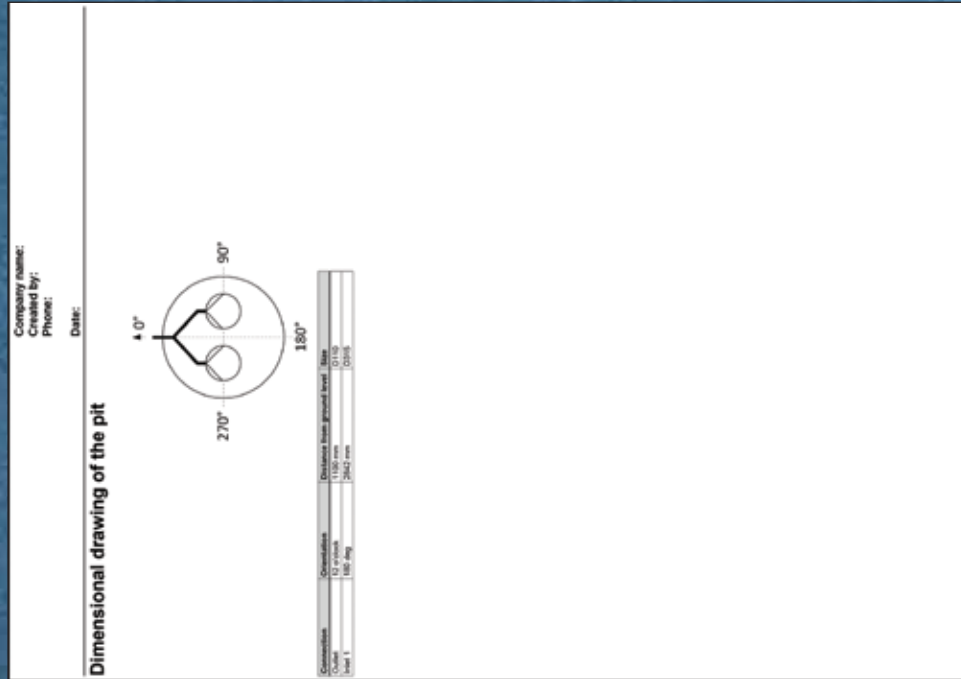
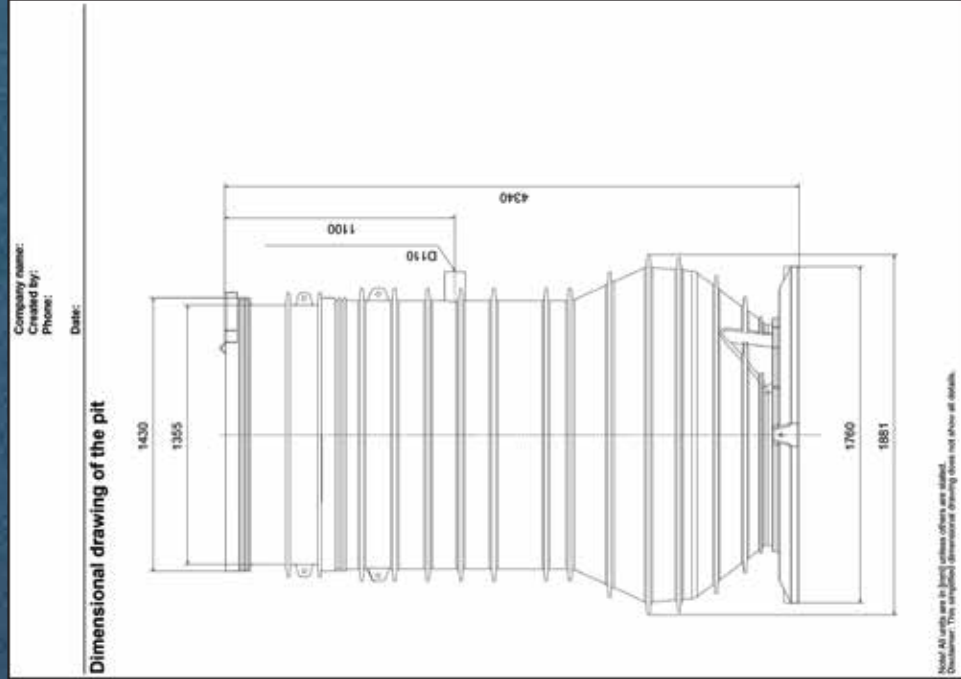


GRUNDFOS PUMPING STATION CREATOR OFFERS THE COMPLETE PACKAGE

CUSTOMIZED SOLUTION TAILORED TO YOUR SPECIFICATION, INCLUDING SYSTEM CE MARKING - PURE PLUG-AND-PLAY SOLUTION

The full documentation package is generated "on the fly" and includes:

Drawing documentation, including 3D CAD drawing,
2D dimensional drawing & 2D specification drawing.



All drawings are generated according to your specification and are all available at the end of the configuration. The 2D specification drawing can be generated according to a reference level set by the user. The 2D specification drawing will be sent to the users e-mail within 10min after end configuration.

...beside drawings the documentation include: Configured system description, Tender text, Sizing overview, Suggested level settings, quotation texts and pump curve.

