

Technical data

Sewage lifting unit; Single-pump system DrainLift SANI-M.21/T540/1-CEE

Project ID

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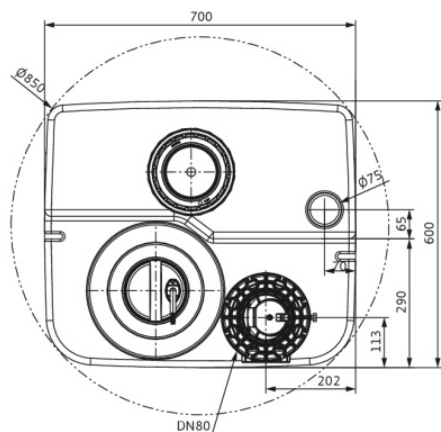
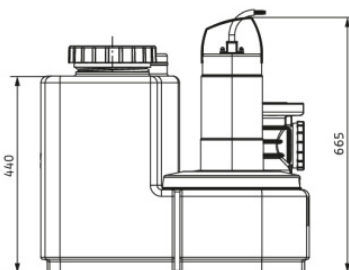
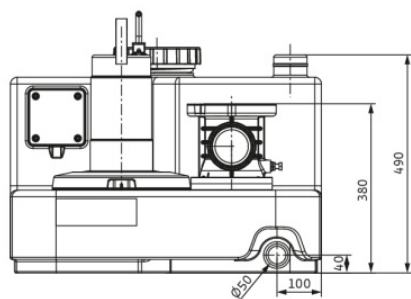
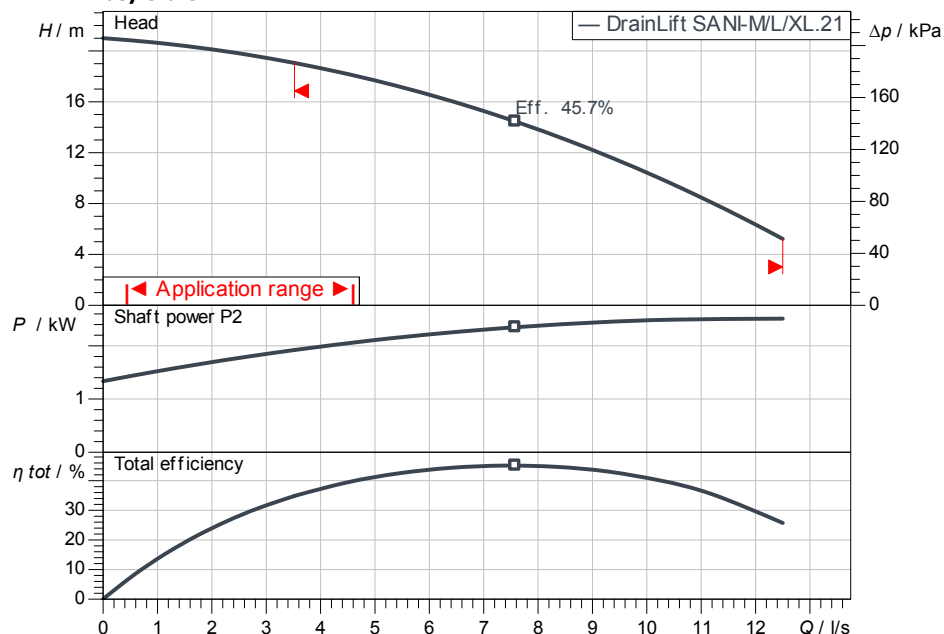
Project name

Installation location

Customer pos. No.

Date 2025-03-30

Duty chart



Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow
Head

Product data

Sewage lifting unit; Single-pump system	
DrainLift SANI-M.21/T540/1-CEE	
No. of pumps	1
Max. operating pressure	600 kPa
Fluid temperature	3 °C ... +40 °C
Grinder	No
Operating mode (non-immersed)	S3-10%
Gross volume	99 l
Max. switching volume	50 l
Max. sound pressure level	70 dB
Free ball passage	44 mm

Motordata per Motor/Pump

Mains connection	3~400 V / 50 Hz
Permitted voltage tolerance	+10 %
Nominal speed	2,848 1/min
Rated power P2	2.50 kW
Power input P1	3.2 kW
Rated current	5.50 A
Activation type	Direct On Line (DOL)
Degree of protection	IP68
Motor protection	Bimetal
Insulation class	F
Schaltspiel	60

Cable

Length of connecting cable	4 m
Mains plug	CEE 16A, 3P+N+PE, 6H
Type of connection cable	Detachable
Cable type	H07RN-F
Cable cross section	6G1

Fitting dimensions

Venting	DN 75 (75 mm)
Pipe connection on the suction side	DN 110 (110 mm)
Pipe connection (pressure side)	DN 80

Materials

Tank	PE
Pump housing	PP-GF30
Impeller	PP-GF30
Shaft	1.4401
Motor housing	1.4301
Gasket material	NBR

Information for order placements

Weight approx.	43 kg
Item number	6098865

Customer

Dimensions

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DrainLift SANI-M.21/T540/1-CEE

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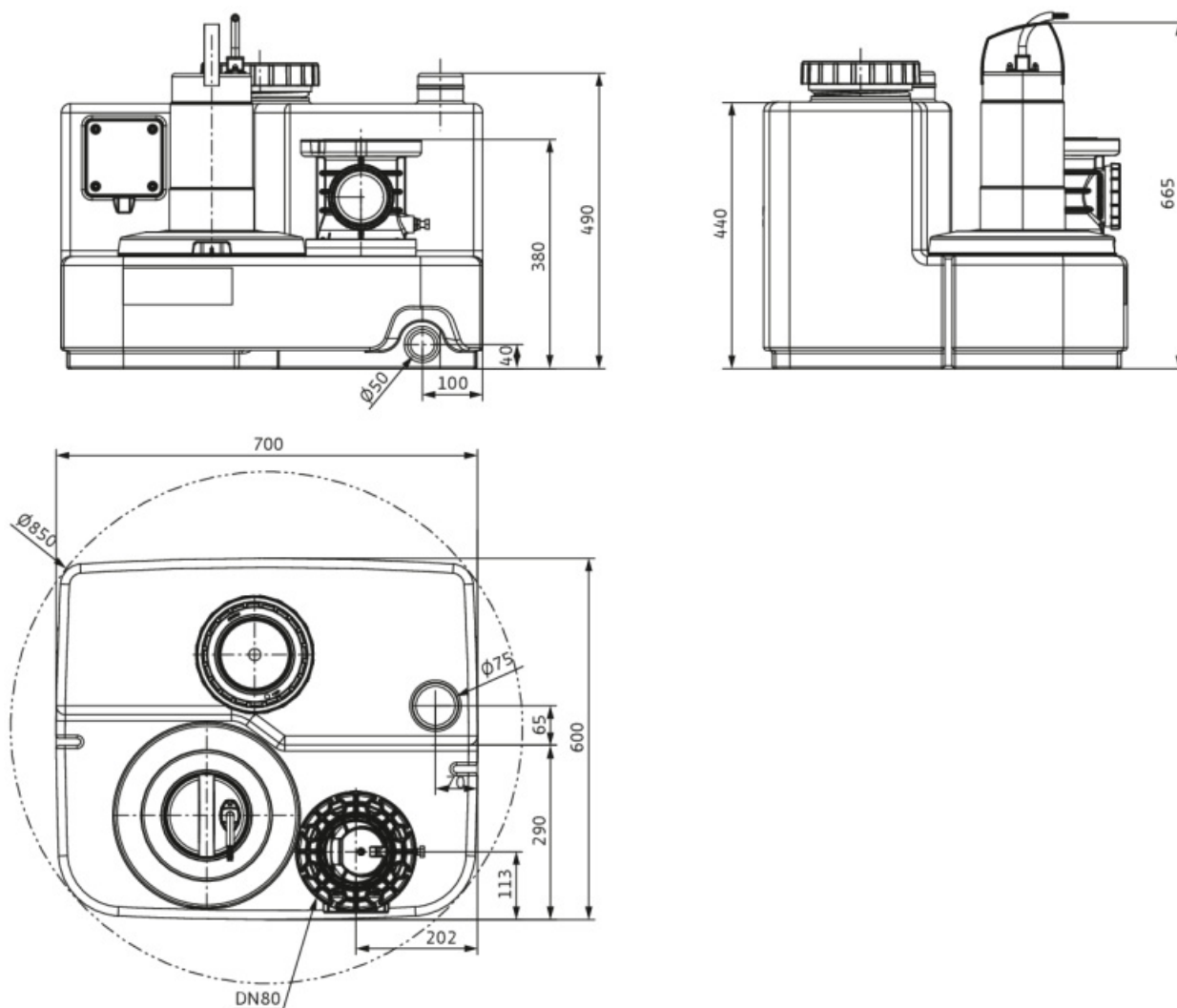
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Stationary dry well installation

Suction side DN 110 (110 mm), PN 0,5/PN 10

Discharge side DN 80, PN 0,5/PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
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