

## Technical data

### Sewage lifting unit; Double-pump system DrainLift SANI-L.21T/4C

Project ID

Untitled project 2025-03-03 09:13:37.263

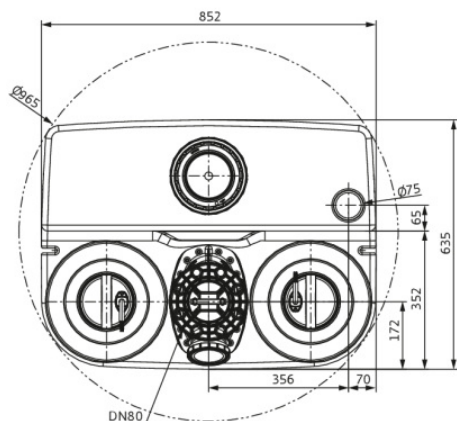
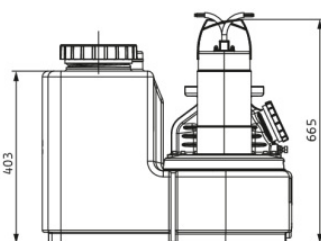
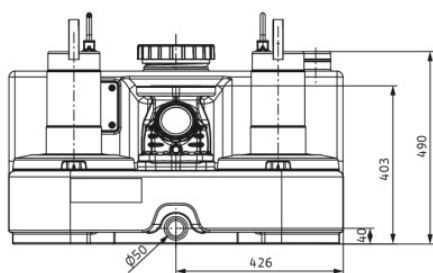
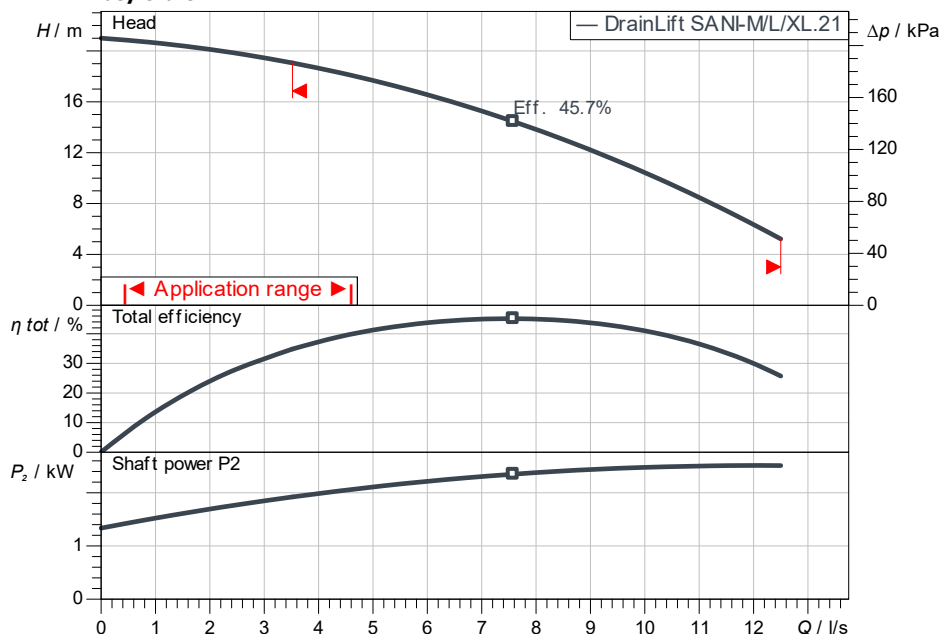
Project name

Installation location

Customer pos. No.

Date 2025-03-03

Duty chart



#### Requested data

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

#### Hydraulic data (Duty point)

|      |
|------|
| Flow |
| Head |

#### Product data

|                                         |                 |
|-----------------------------------------|-----------------|
| Sewage lifting unit; Double-pump system |                 |
| DrainLift SANI-L.21T/4C                 |                 |
| No. of pumps                            | 2               |
| Max. operating pressure                 | 600 kPa         |
| Fluid temperature                       | 3 °C ... +40 °C |
| Grinder                                 | No              |
| Operating mode (non-immersed)           | S1              |
| Gross volume                            | 122 l           |
| Max. switching volume                   | 60 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 | 10 m                 |
| Mains plug                 | CEE 32A, 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   | 1.4401  |
| Gasket material | NBR     |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 80 kg   |
| Item number    | 2549928 |

## Dimensions

### Sewage lifting unit; Double-pump system DrainLift SANI-L.21T/4C

Project ID

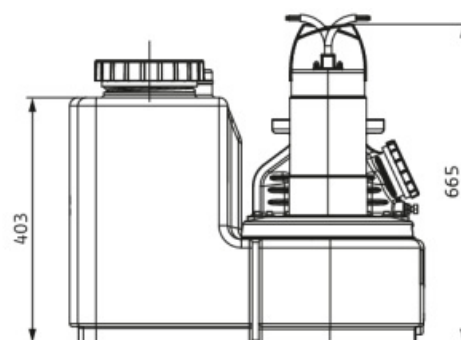
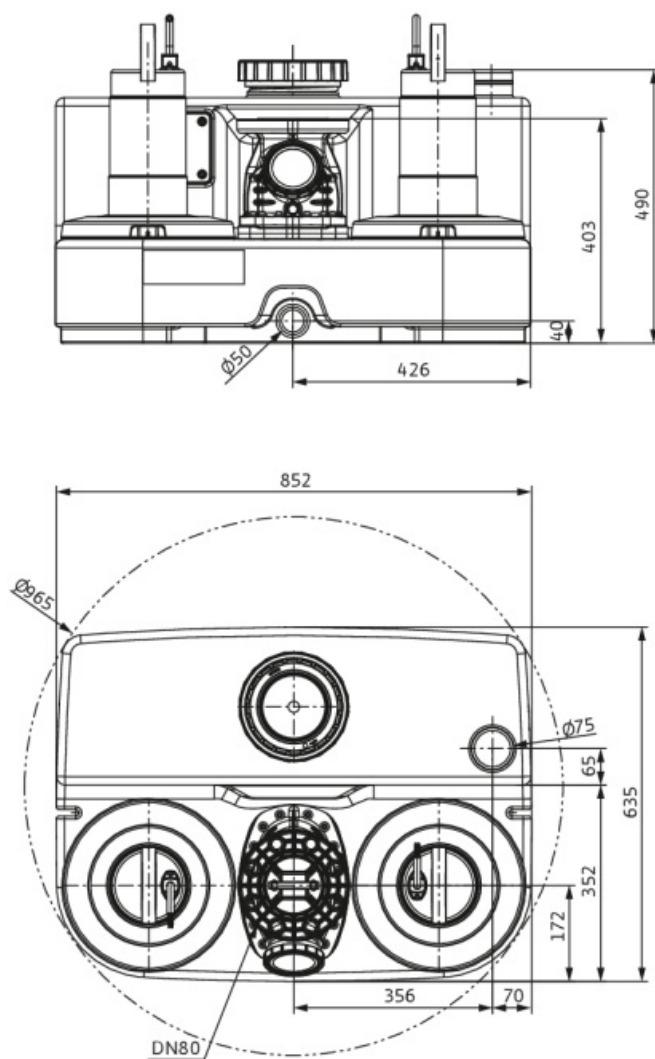
Untitled project 2025-03-03 09:13:37.263

Project name

Installation location

Customer pos. No.

Date 2025-03-03



#### 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 |
|------|-------|------|-------|------|-------|------|-------|
|------|-------|------|-------|------|-------|------|-------|