

## Technical data

### Non-submersible sewage pump in monobloc design Rexa BLOC-V10.73-260DAH180M4

Project ID

Untitled project 2025-03-17 06:12:39.665

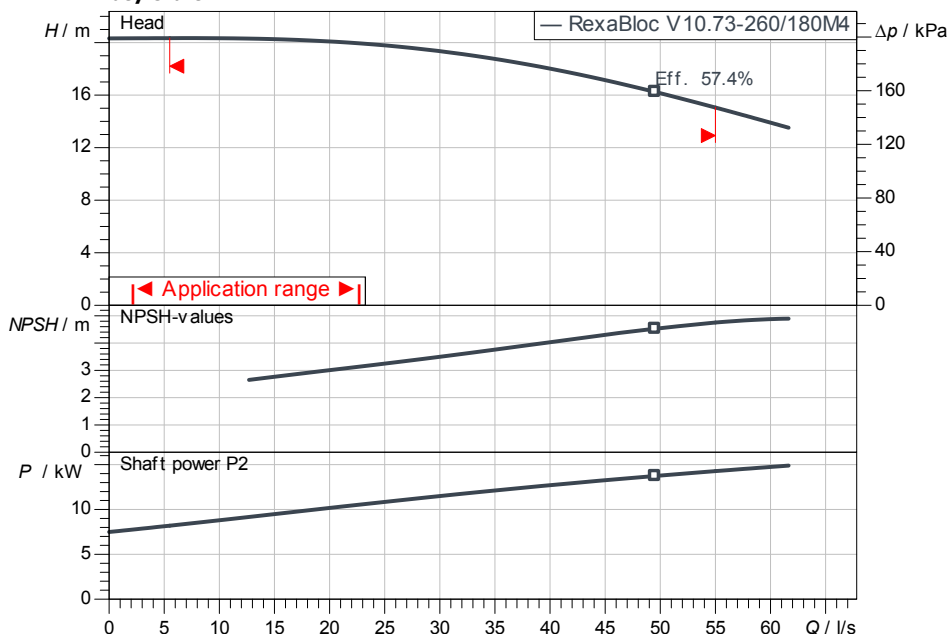
Project name

Installation location

Customer pos. No.

Date 2025-03-17

#### 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              |  |
| Shaft power $P_2$ |  |
| Total efficiency  |  |

#### Product data

|                                                                                |                 |
|--------------------------------------------------------------------------------|-----------------|
| Non-submersible sewage pump in monobloc design<br>Rexa BLOC-V10.73-260DAH180M4 |                 |
| Max. operating pressure                                                        | 224 kPa         |
| Fluid temperature                                                              | 3 °C ... +70 °C |
| Max. ambient temperature                                                       | 40 °C           |
| Impeller type                                                                  | Vortex impeller |
| Free ball passage                                                              | 100 mm          |

#### Motordata per Motor/Pump

|                             |                  |
|-----------------------------|------------------|
| Type of motor               | TEFC             |
| Efficiency classification   | IE3              |
| Mains connection            | 3~ 400 V / 50 Hz |
| Permitted voltage tolerance | +10 %            |
| Nominal speed               | 1,471 1/min      |
| Rated power $P_2$           | 18.50 kW         |
| Power input $P_1$           | 20 kW            |
| Rated current               | 35.10 A          |
| Activation type             | Star-Delta (YΔ)  |
| Degree of protection        | IP55             |
| Motor protection            | PTC              |
| Insulation class            | F                |

#### Fitting dimensions

|                                     |               |
|-------------------------------------|---------------|
| Pipe connection on the suction side | DN 100, PN 10 |
| Pipe connection (pressure side)     | DN 100, PN 10 |

#### Materials

|                 |                   |
|-----------------|-------------------|
| Pump housing    | 5.1301/EN-GJL-250 |
| Impeller        | 5.1301/EN-GJL-250 |
| Shaft           | 1.4021            |
| Shaft seal      | Q1Q1VGG           |
| Gasket material | FKM               |
| Motor housing   | 5.1301/EN-GJL-250 |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 286 kg  |
| Item number    | 6097840 |

