

## Technical data

### Non-submersible sewage pump in monobloc design Rexa BLOC-V08.68-244DAH180M2

Project ID

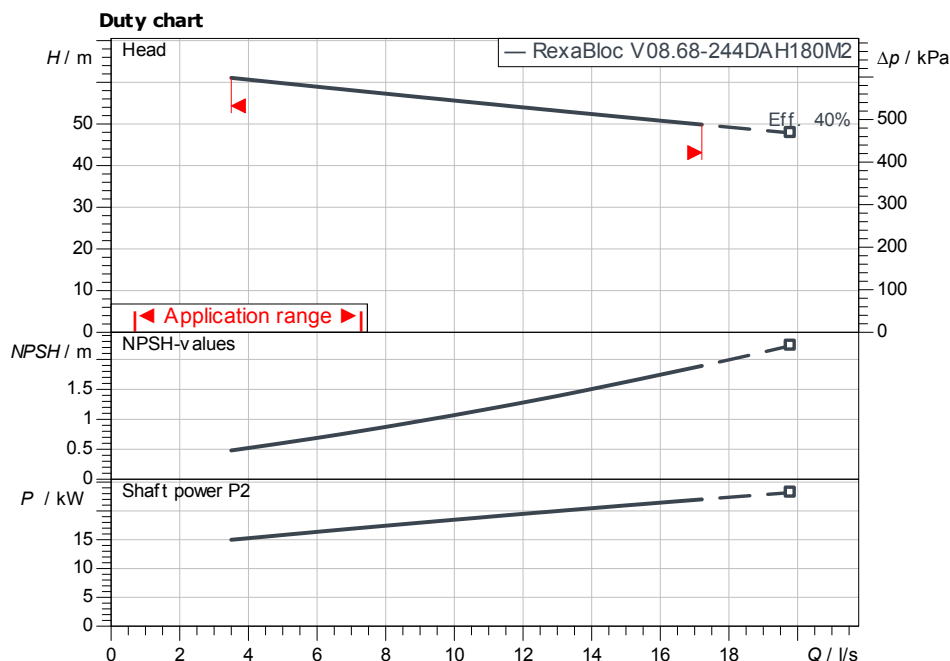
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Project name

Installation location

Customer pos. No.

Date 2025-03-17



#### 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 P2   |
| Total efficiency |

#### Product data

|                                                |                 |
|------------------------------------------------|-----------------|
| Non-submersible sewage pump in monobloc design |                 |
| Rexa BLOC-V08.68-244DAH180M2                   |                 |
| Max. operating pressure                        | 710 kPa         |
| Fluid temperature                              | 3 °C ... +70 °C |
| Max. ambient temperature                       | 40 °C           |
| Impeller type                                  | Vortex impeller |
| Free ball passage                              | 70 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               | 2,950 1/min          |
| Rated power P2              | 22.00 kW             |
| Power input P1              | 24 kW                |
| Rated current               | 40.00 A              |
| Activation type             | Direct On Line (DOL) |
| Degree of protection        | IP55                 |
| Motor protection            | PTC                  |
| Insulation class            | F                    |

#### Fitting dimensions

|                                     |              |
|-------------------------------------|--------------|
| Pipe connection on the suction side | DN 80, PN 10 |
| Pipe connection (pressure side)     | DN 80, 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. | 280 kg  |
| Item number    | 6097834 |