

## Technical data

### Submersible sewage pump

Rexa PRO-C08-413A/21M015X523/O

Project ID

Untitled project 2025-03-04 01:04:54.425

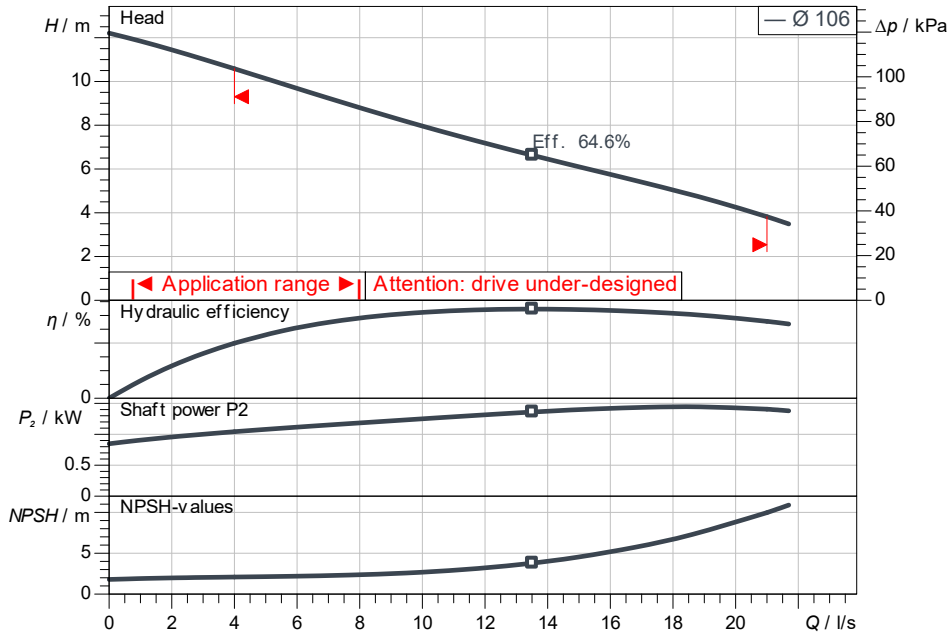
Project name

Installation location

Customer pos. No.

Date 2025-03-04

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             |  |
| Power input P1   |  |
| Total efficiency |  |

#### Product data

|                                |                         |
|--------------------------------|-------------------------|
| Submersible sewage pump        |                         |
| Rexa PRO-C08-413A/21M015X523/O |                         |
| Max. operating pressure        | 135 kPa                 |
| Fluid temperature              | +3 °C ... 40 °C         |
| Maximum submergence depth      | 20 m                    |
| Free ball passage              | 55 mm                   |
| Impeller type                  | Single-channel impeller |

#### Motordata per Motor/Pump

|                                            |                        |
|--------------------------------------------|------------------------|
| P 13.M-08/EAD1X2-M Ex 1,5kW 40°C 230V 50Hz |                        |
| Type of motor                              | Submersible motor – su |

|                               |                      |
|-------------------------------|----------------------|
| Mains connection              | 1~230 V / 50 Hz      |
| Permitted voltage tolerance   | +/-10 %              |
| Nominal speed                 | 2,852 1/min          |
| Rated power P2                | 1.50 kW              |
| Power input P1                | 2.1 kW               |
| Rated current                 | 9.30 A               |
| Activation type               | Direct On Line (DOL) |
| Degree of protection          | IP68                 |
| Explosion protection type     | ATEX                 |
| Motor protection              | Bimetall             |
| Insulation class              | F                    |
| Operating mode (immersed)     | S1                   |
| Operating mode (non-immersed) | S2-30 min, S3-25%    |

#### Cable

|                            |            |
|----------------------------|------------|
| Length of connecting cable | 10 m       |
| Cable type                 | H07RN-F    |
| Cable cross section        | 7G1,5      |
| Mains plug                 | No         |
| Type of connection cable   | Detachable |

#### 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              | EN-GJS-500-7      |
| Shaft                 | 1.4401            |
| Sealing on pump side  | QQPGG             |
| Sealing on motor side | BXPFF             |
| Gasket material       | NBR               |
| Motor housing         | 5.1301/EN-GJL-250 |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 51 kg   |
| Item number    | 6098487 |

