

## Technical data

### Glanded energy-saving single pump BL-E40/140-5,5/2

Project ID

Untitled project 2025-03-02 21:52:22.079

Project name

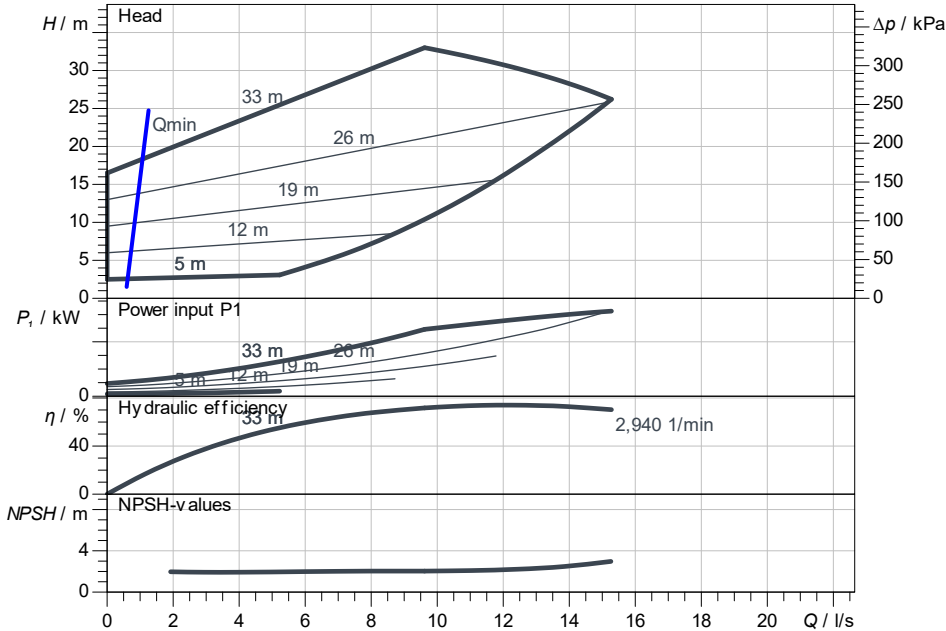
Installation location

Customer pos. No.

Date

2025-03-02

#### Duty chart



#### Requested data

|                   |              |
|-------------------|--------------|
| Flow              |              |
| Head              |              |
| Media             | Water 100 %  |
| Fluid temperature | 20.00 °C     |
| Density           | 998.30 kg/m³ |
| Kin. viscosity    | 1.00 mm²/s   |

#### Hydraulic data (Duty point)

|                |
|----------------|
| Flow           |
| Head           |
| Power input P1 |
| NPSH           |

#### Product data

|                                   |                    |
|-----------------------------------|--------------------|
| Glanded energy-saving single pump |                    |
| BL-E40/140-5,5/2                  |                    |
| Kind of operation                 | dp-v               |
| Max. operating pressure           | 1,600 kPa          |
| Fluid temperature                 | -20 °C ... +140 °C |
| Max. ambient temperature          | 40 °C              |
| Minimum efficiency index (MEI)    | ≥ 0.4              |

#### Motordata per Motor/Pump

|                             |                  |
|-----------------------------|------------------|
| Motor design                | AC motor         |
| Efficiency class            | IE4              |
| Mains connection            | 3~ 400 V / 50 Hz |
| Permitted voltage tolerance | +/- 10 %         |
| Max. speed                  | 2,920 1/min      |
| Rated power P2              | 5.50 kW          |
| Rated current               | 10.40 A          |
| Degree of protection        | IP55             |
| Insulation class            | F                |
| Motor protection            | PTC integrated   |

#### Fitting dimensions

|                                     |              |
|-------------------------------------|--------------|
| Pipe connection on the suction side | DN 65, PN 16 |
| Pipe connection (pressure side)     | DN 40, PN 16 |
| Port to Port                        | -            |

#### Materials

|              |                                        |
|--------------|----------------------------------------|
| Pump housing | 5.1301, EN-GJL-250 cataphoretic-coated |
| Impeller     | EN-GJL-200                             |
| Lantern      | 5.1301/EN-GJL-250                      |
| Shaft        | 1.4122                                 |
| Shaft seal   | AQ1EGG                                 |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 103 kg  |
| Item number    | 2222302 |

