

## Technical data

### Glanded high-efficiency single pump Stratos GIGA B 40/1-33/3,0

Project ID

Untitled project 2025-03-04 05:18:48.548

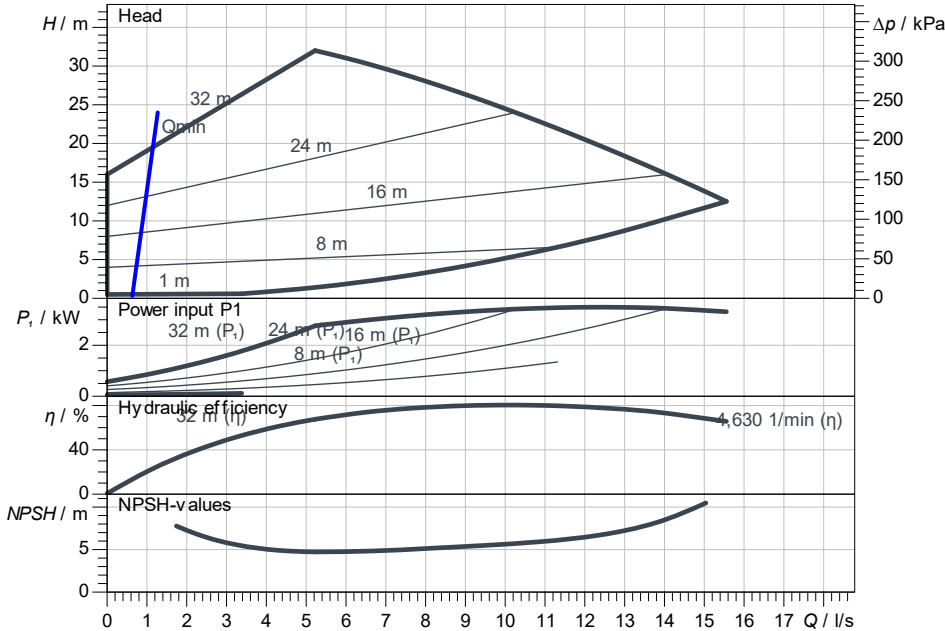
Project name

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 $kg/m^3$ |
| Kin. viscosity    | 1.00 $mm^2/s$   |

#### Hydraulic data (Duty point)

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

#### Product data

|                                     |                    |
|-------------------------------------|--------------------|
| Glanded high-efficiency single pump |                    |
| Stratos GIGA B 40/1-33/3,0          |                    |
| 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)      | $\geq 0.7$         |

#### Motordata per Motor/Pump

|                             |                  |
|-----------------------------|------------------|
| Motor design                | EC motor         |
| Efficiency class            | IE5              |
| Mains connection            | 3~ 400 V / 50 Hz |
| Permitted voltage tolerance | +/-10 %          |
| Max. speed                  | 4,620 1/min      |
| Rated power P2              | 3.10 kW          |
| Rated current               | 6.30 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     | PPS-GF40                               |
| Lantern      | 5.1301, EN-GJL-250 cataphoretic-coated |
| Shaft        | 1.4542                                 |
| Shaft seal   | AQ1EGG                                 |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 40 kg   |
| Item number    | 2189117 |

