

## Technical data

### Glandless standard high-efficiency pump Yonos PICO-Z 20/0,5-4 150

Project ID

Untitled project 2025-03-04 09:37:01.987

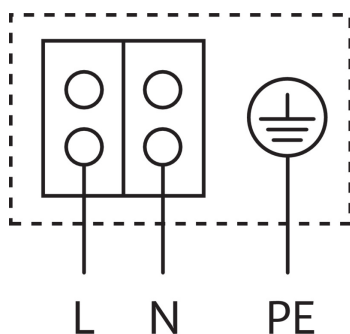
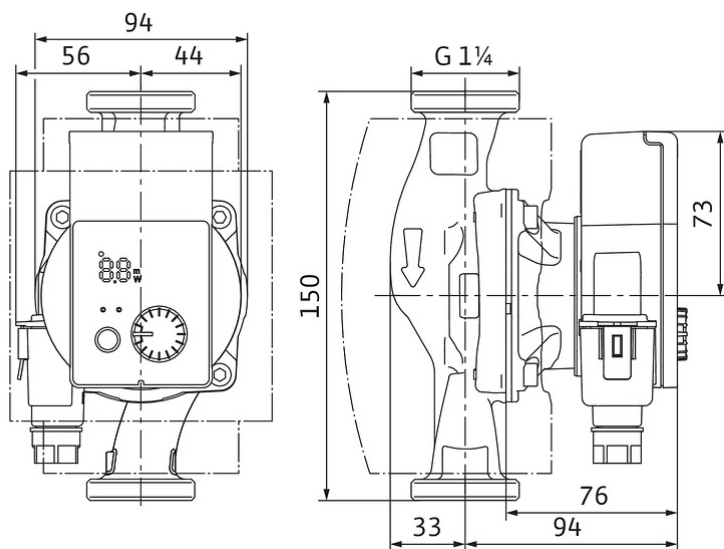
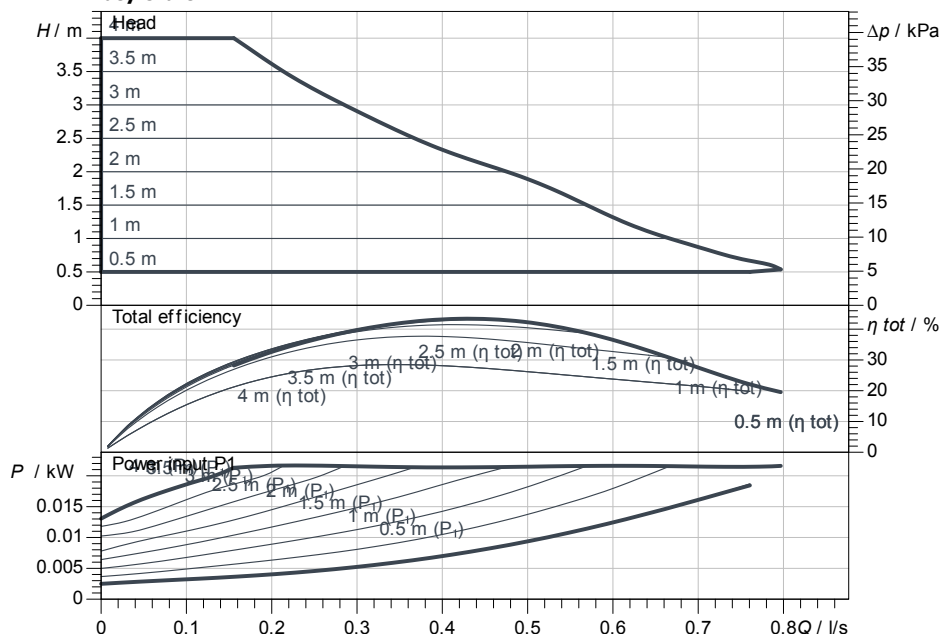
Project name

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 |

#### Product data

|                                                                    |                     |
|--------------------------------------------------------------------|---------------------|
| Glandless standard high-efficiency pump                            |                     |
| Yonos PICO-Z 20/0,5-4 150                                          |                     |
| Operating mode                                                     | dp-c                |
| Max. operating pressure                                            | 1,000 kPa           |
| Fluid temperature                                                  | 2 °C ... +95 °C     |
| Max. ambient temperature                                           | 40 °C               |
| Minimum suction head at 50 / 95 / 110 °C                           | 0.5 / 3 / 10        |
| Max. permitted total hardness in potable water circulation systems | 3.57 mmol/l (20°dH) |

#### Motordata per Motor/Pump

|                             |                 |
|-----------------------------|-----------------|
| Mains connection            | 1~230 V / 50 Hz |
| Permitted voltage tolerance | +10 %           |
| Max. speed                  |                 |
| Rated power P2              | 0.02 kW         |
| Power input P1              | 0.02 kW         |
| Current consumption         | 0.26 A          |
| Degree of protection        | IPX4D           |
| Insulation class            | F               |
| Motor protection            | integrated      |

#### Fitting dimensions

|                                     |                |
|-------------------------------------|----------------|
| Pipe connection on the suction side | G 1 1/4, PN 10 |
| Pipe connection (pressure side)     | G 1 1/4, PN 10 |
| Port to Port                        |                |

#### Materials

|              |                 |
|--------------|-----------------|
| Pump housing | 1.4409          |
| Impeller     | PPO-GF30        |
| Shaft        | Oxide ceramic   |
| Bearing      | Carbon-graphite |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 1.5 kg  |
| Item number    | 4255412 |