

## Technical data

### Glandless standard high-efficiency pump Yonos MAXO-D 80/0,5-12 PN6

Project ID

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

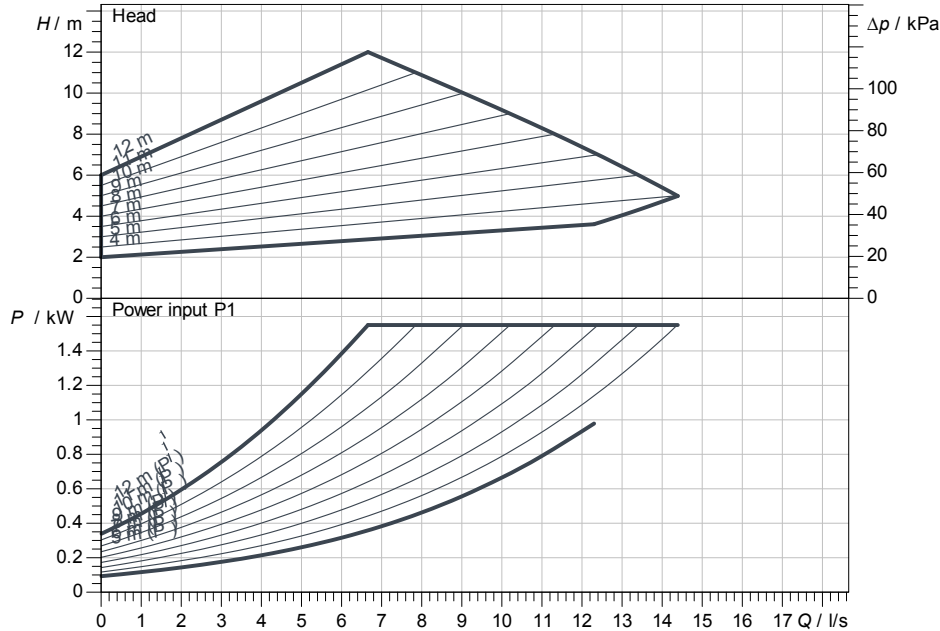
Project name

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 MAXO-D 80/0,5-12 PN6               |                    |
| Kind of operation                        | dp-v               |
| Max. operating pressure                  | 600 kPa            |
| Fluid temperature                        | -20 °C ... +110 °C |
| Max. ambient temperature                 | 40 °C              |
| Minimum suction head at 50 / 95 / 110 °C | 7 / 15 / 23        |

#### Motordata per Motor/Pump

|                               |                          |
|-------------------------------|--------------------------|
| Motor design                  | EC motor                 |
| Energy efficiency index (EEI) | ≤ 0.23                   |
| Mains connection              | 1~ 230 V / 50 Hz         |
| Permitted voltage tolerance   | +/- 10 %                 |
| Max. speed                    | 3,300 1/min              |
| Power input P1                | 1.55 kW                  |
| Current consumption           | 6.8 A                    |
| Degree of protection          | IPX4D                    |
| Insulation class              | F                        |
| Motor protection              | Internal protection over |
| Electromagnetic compatibility |                          |
| Emitted interference          | EN 61800-3;2004+A1       |
| Interference resistance       | EN 61800-3;2004+A1       |
| Threaded cable connection     | 2 x M20x1.5              |

#### Fitting dimensions

|                                     |             |
|-------------------------------------|-------------|
| Pipe connection on the suction side | DN 80, PN 6 |
| Pipe connection (pressure side)     | DN 80, PN 6 |
| Port to Port                        | 360 mm      |

#### Materials

|              |                           |
|--------------|---------------------------|
| Pump housing | 5.1301/EN-GJL-250         |
| Impeller     | PP-LGF50                  |
| Shaft        | 1.4028                    |
| Bearing      | Carbon, metal-impregnated |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 56.6 kg |
| Item number    | 2120672 |

