

## Technical data

### Glanded standard high-efficiency pump

Yonos GIGA-N 40/200-7.5/2-R1

Project ID

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

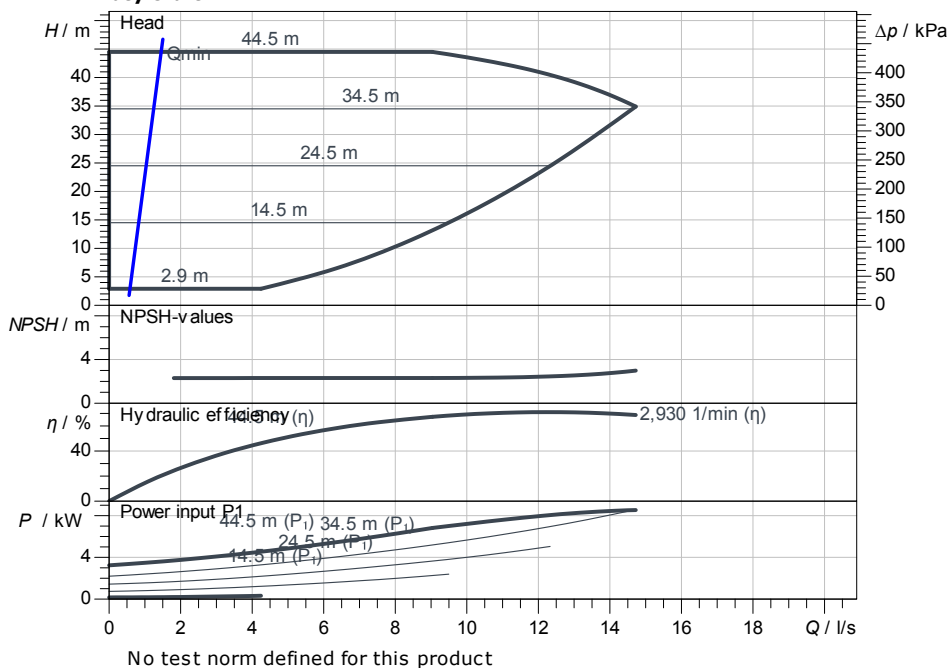
Project name

Installation location

Customer pos. No.

Date 2025-03-04

#### Duty chart



#### Requested data

Flow  
Head  
Media  
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  
Shaft power P<sub>2</sub>  
Hydraulic efficiency  
NPSH  
Impeller size

#### Product data

Glanded standard high-efficiency pump  
Yonos GIGA-N 40/200-7.5/2-R1  
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 efficiency level IE4  
Mains connection 3~ 400 V / 50 Hz  
Permitted voltage tolerance +10 %  
Max. speed 2,930 1/min  
Rated power P<sub>2</sub> 7.50 kW  
Rated current 13.70 A  
Power factor 0.9  
Efficiency 50% / 75% / 100% // %  
Degree of protection IP55  
Insulation class F  
Motor protection PTC integrated

#### Fitting dimensions

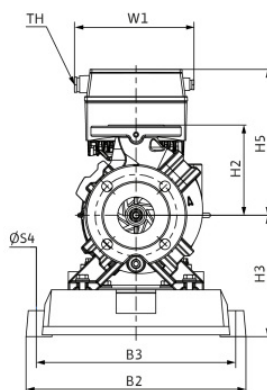
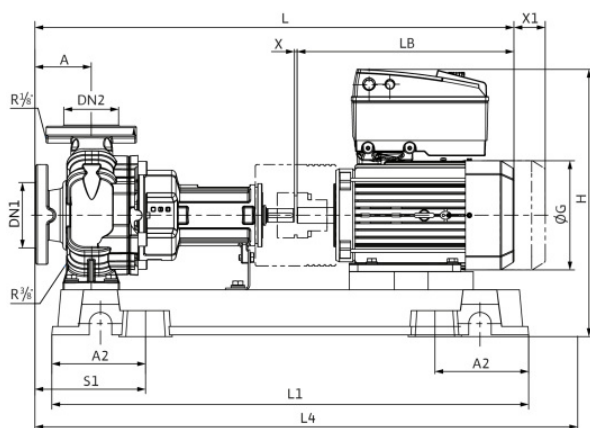
Pipe connection on the suction side DN 65, PN 16  
Pipe connection (pressure side) DN 40, PN 16  
Port to Port

#### Materials

Pump housing 5.1301, EN-GJL-250 c  
Impeller EN-GJL-200  
Lantern 5.1301/EN-GJL-250  
Shaft 1.4021  
Shaft seal AQ1EGG

#### Information for order placements

Weight approx. 177 kg  
Item number 6088924



#### Dimensions

mm

|    |     |     |          |    |       |    |       |
|----|-----|-----|----------|----|-------|----|-------|
| A  | 100 | DN1 | DN 65, P | H5 | 294   | L3 | 660   |
| A2 | 185 | DN2 | DN 40, P | HH | 346.5 | L4 | 1,055 |
| B1 | 0   | H   | 557      | L  | 1,055 | LB | 495   |
| B2 | 450 | H2  | 180      | L1 | 1,030 | LL | 306.2 |
| B3 | 400 | H3  | 263      | L2 | 185   | ØG | 254   |

## Hydraulic data

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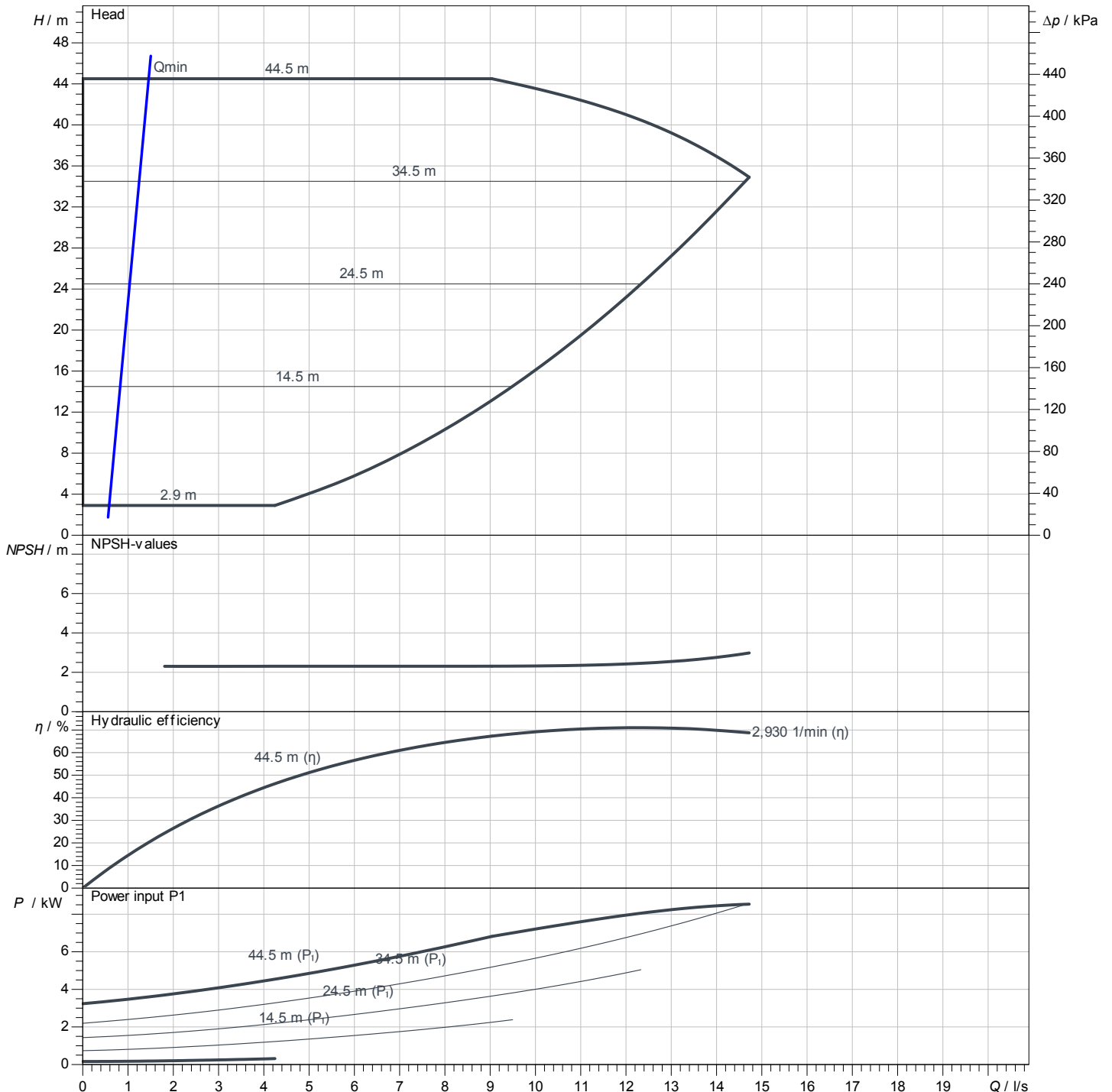
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## Operating data

| Rotational speed  | Frequency    | Duty point |            | Suction port | Discharge port |
|-------------------|--------------|------------|------------|--------------|----------------|
| <b>2930 1/min</b> | <b>50 Hz</b> | <b>Q =</b> | <b>H =</b> | <b>DN 65</b> | <b>DN 40</b>   |

Power data referred to: Water; 20°C; 998.3kg/m³; 1.005mm²/s ±10 % tolerance with linear U/f frequency control



No test norm defined for this product



Contact  
E-mail  
Phone

Customer

Contact  
E-mail  
Phone

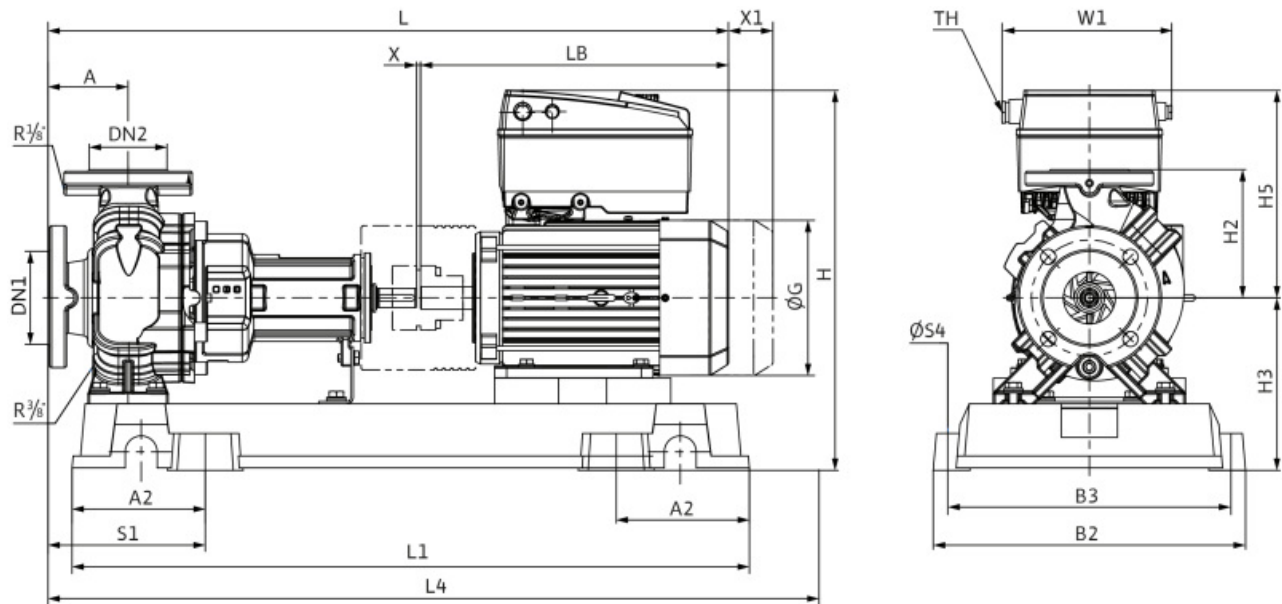
Dimensions

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Yonos GIGA-N 40/200-7.5/2-R1

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Coupling with spacer

Suction side                      DN 65, PN 16  
Discharge side                      DN 40, PN 16

Dimensions                      mm

| Name | Value        | Name | Value | Name | Value | Name | Value |
|------|--------------|------|-------|------|-------|------|-------|
| A    | 100          | H    | 557   | L2   | 185   | S4   | 24    |
| A2   | 185          | H2   | 180   | L3   | 660   | W1   | 263.1 |
| B1   | 0            | H3   | 263   | L4   | 1,055 | X    | 100   |
| B2   | 450          | H5   | 294   | LB   | 495   | X1   | 100   |
| B3   | 400          | HH   | 346.5 | LL   | 306.2 |      |       |
| DN1  | DN 65, PN 16 | L    | 1,055 | ØG   | 254   |      |       |
| DN2  | DN 40, PN 16 | L1   | 1,030 | S1   | 210   |      |       |