

## Technical data

### Glanded standard pump Atmos GIGA-N 40/200-B

Project ID

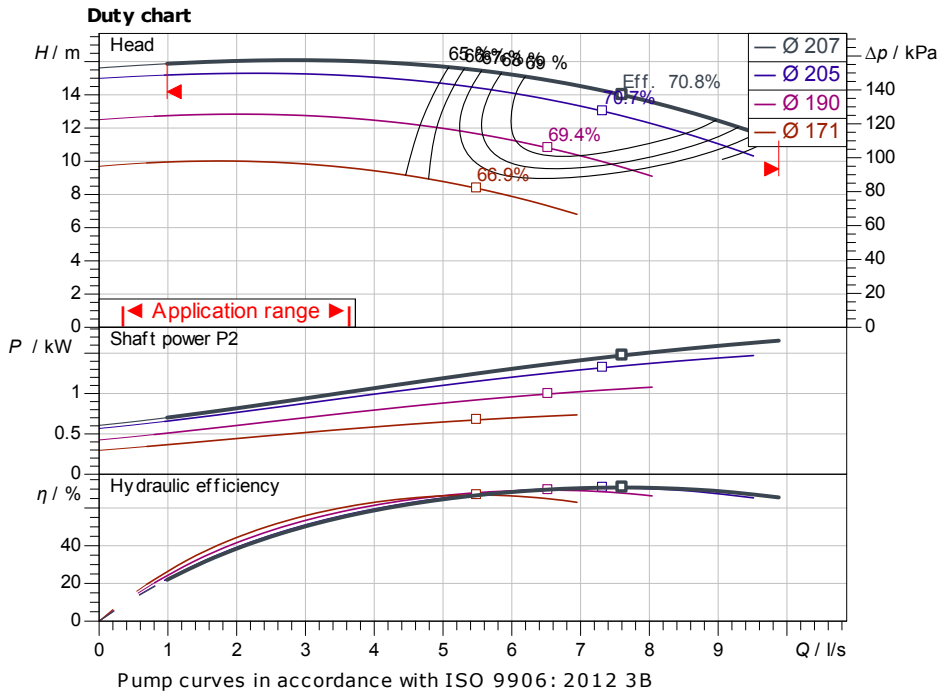
Untitled project 2025-03-01 20:23:09.313

Project name

Installation location

Customer pos. No.

Date 2025-03-01



#### Requested data

Flow  
Head  
Media  
Fluid temperature  
Density  
Kin. viscosity

Water 100 %  
20.00 °C  
998.30 kg/m<sup>3</sup>  
1.00 mm<sup>2</sup>/s

#### Hydraulic data (Duty point)

Flow  
Head  
Shaft power  $P_2$   
Hydraulic efficiency  
NPSH  
Impeller size

207

#### Product data

Glanded standard pump  
Atmos GIGA-N 40/200-B  
Max. operating pressure  
Fluid temperature  
Max. ambient temperature  
Minimum efficiency index (MEI)

1,600 kPa  
-20 °C ... +140 °C  
40 °C

#### Motor data per Motor/Pump

Motor efficiency level  
Mains connection  
Permitted voltage tolerance  
Max. speed  
Rated power  $P_2$   
Rated current  
Power factor  
Efficiency  
50% / 75% / 100%  
Degree of protection  
Insulation class  
Motor protection

V / Hz

#### Fitting dimensions

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

#### Materials

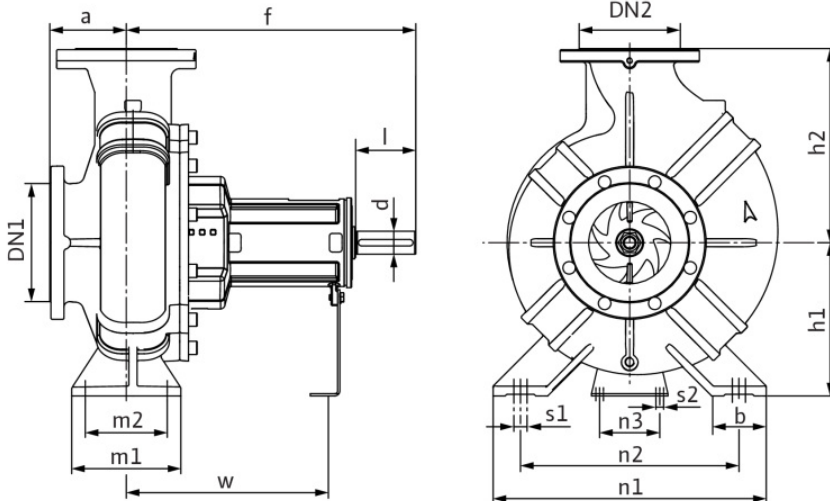
Pump housing  
Impeller  
Lantern  
Shaft  
Shaft seal

5.1301, EN-GJL-250 c  
EN-GJL-200  
5.1301/EN-GJL-250  
1.4021  
AQ1EGG

#### Information for order placements

Weight approx.  
Item number

6090537



#### Dimensions

mm

|     |          |     |          |    |     |     |     |
|-----|----------|-----|----------|----|-----|-----|-----|
| a   | 100      | DN2 | DN 40, P | h2 | 180 | n2  | 212 |
| b   | 50       | f   | 360      | l  | 50  | n3  | 110 |
| d   | 24       | h1  | 160      | m1 | 100 | Ø k | 145 |
| dL  | 19       | h1  | 160      | m2 | 70  | Ø d | 118 |
| DN1 | DN 65, P | h2  | 180      | n1 | 265 | Ø D | 185 |

## Hydraulic data

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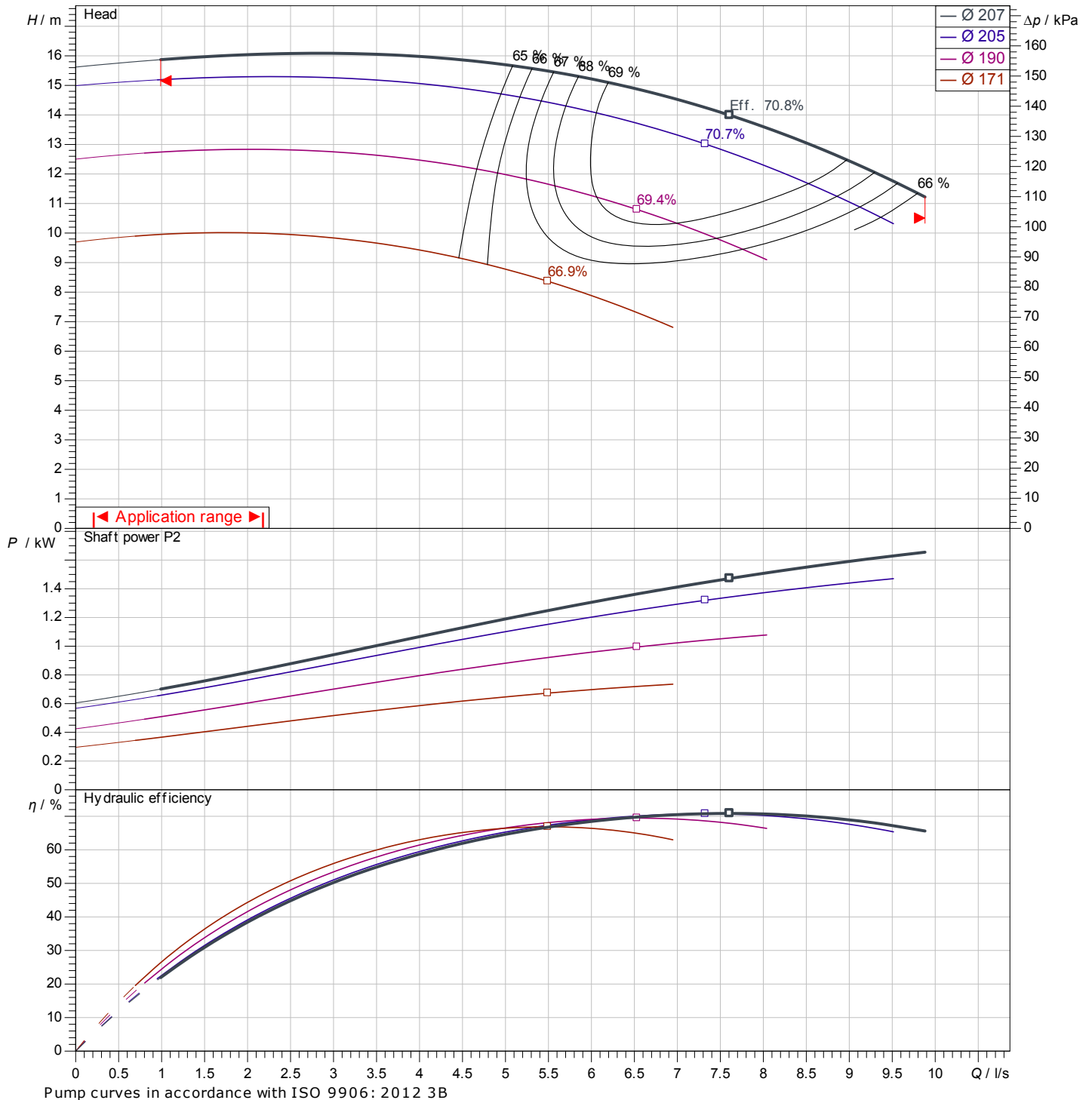
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## Operating data

| Rotational speed  | Frequency | Duty point | H = | Suction port | Discharge port |
|-------------------|-----------|------------|-----|--------------|----------------|
| <b>1442 1/min</b> | <b>Hz</b> | <b>Q =</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





Contact  
E-mail  
Phone

Customer

Contact  
E-mail  
Phone

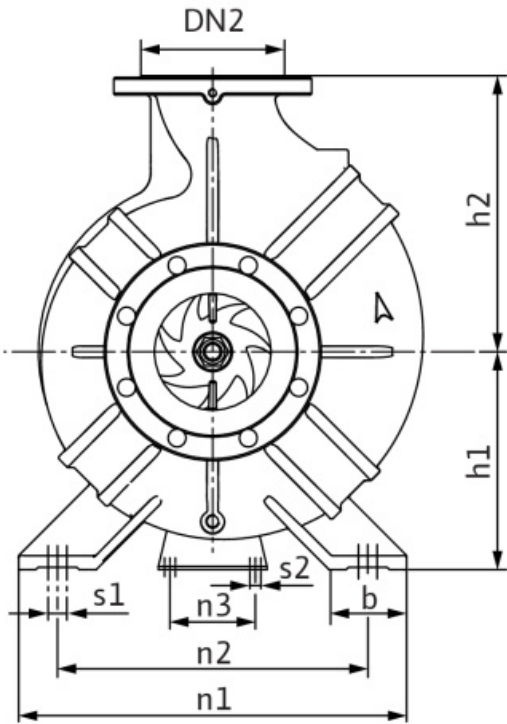
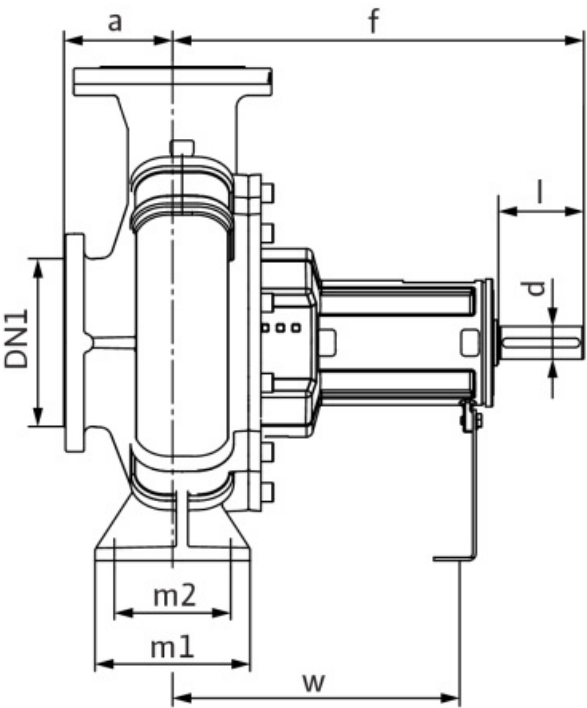
Dimensions

Glanded standard pump  
Atmos GIGA-N 40/200-B

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

Dimensions                      mm

| Name | Value        | Name | Value | Name | Value | Name | Value |
|------|--------------|------|-------|------|-------|------|-------|
| a    | 100          | h1   | 160   | n1   | 265   | s2   | 12    |
| b    | 50           | h1   | 160   | n2   | 212   | w    | 260   |
| d    | 24           | h2   | 180   | n3   | 110   | x    | 100   |
| dL   | 19           | h2   | 180   | Ø k  | 145   |      |       |
| DN1  | DN 65, PN 16 | l    | 50    | Ø d  | 118   |      |       |
| DN2  | DN 40, PN 16 | m1   | 100   | Ø D  | 185   |      |       |
| f    | 360          | m2   | 70    | s1   | 12    |      |       |