

## Technical data

### Glanded monobloc pump Atmos GIGA-B 80/160-5,5/4/6

Project ID

Untitled project 2025-03-05 00:23:19.113

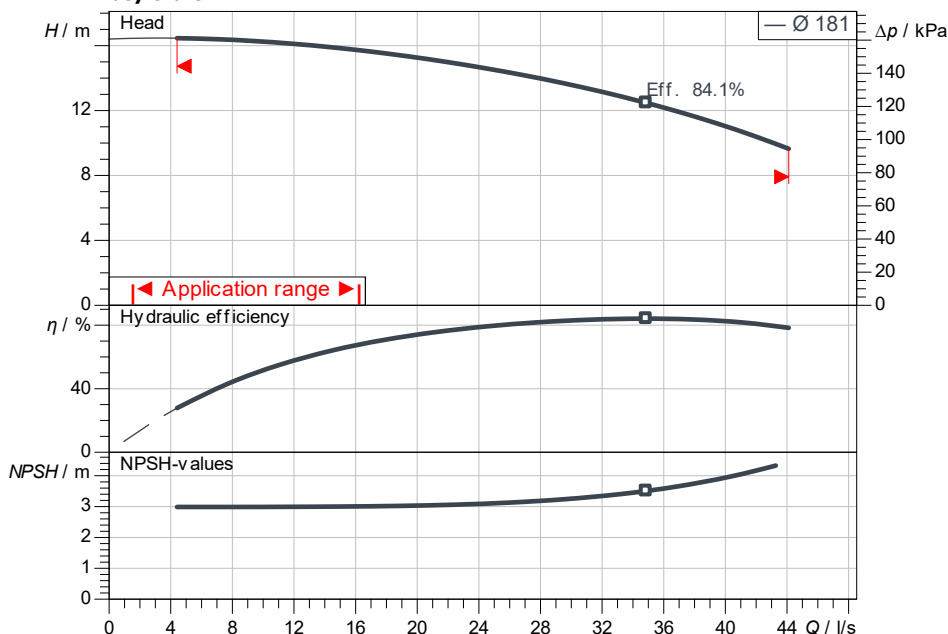
Project name

Installation location

Customer pos. No.

Date 2025-03-05

#### 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                       |  |
| Shaft power P <sub>2</sub> |  |
| Hydraulic efficiency       |  |
| NPSH                       |  |

#### Product data

|                                |                    |
|--------------------------------|--------------------|
| Glanded monobloc pump          |                    |
| Atmos GIGA-B 80/160-5,5/4/6    |                    |
| 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      | IE3              |
| Mains connection            | 3~ 380 V / 60 Hz |
| Permitted voltage tolerance | +/-10 %          |
| Rated speed                 | 1,750 1/min      |
| Rated power P <sub>2</sub>  | 5.50 kW          |
| Rated current               | 11.40 A          |
| Power factor                | 0.8              |
| Efficiency                  |                  |
| 50% / 75% / 100%            | 89.7/91.3/91.7%  |
| Degree of protection        | IP55             |
| Insulation class            | F                |
| Motor protection            | PTC integrated   |

#### Fitting dimensions

|                                     |               |
|-------------------------------------|---------------|
| Pipe connection on the suction side | DN 100, PN 16 |
| Pipe connection (pressure side)     | DN 80, PN 16  |
| Port to Port                        | -             |

#### Materials

|                                        |                   |
|----------------------------------------|-------------------|
| Pump housing                           |                   |
| 5.1301, EN-GJL-250 cataphoretic-coated |                   |
| Impeller                               | EN-GJL-200        |
| Lantern                                | 5.1301/EN-GJL-250 |
| Shaft                                  | 1.4122            |
| Shaft seal                             | AQ1EGG            |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 139 kg  |
| Item number    | 2214063 |

