

**Customer**

## Technical data

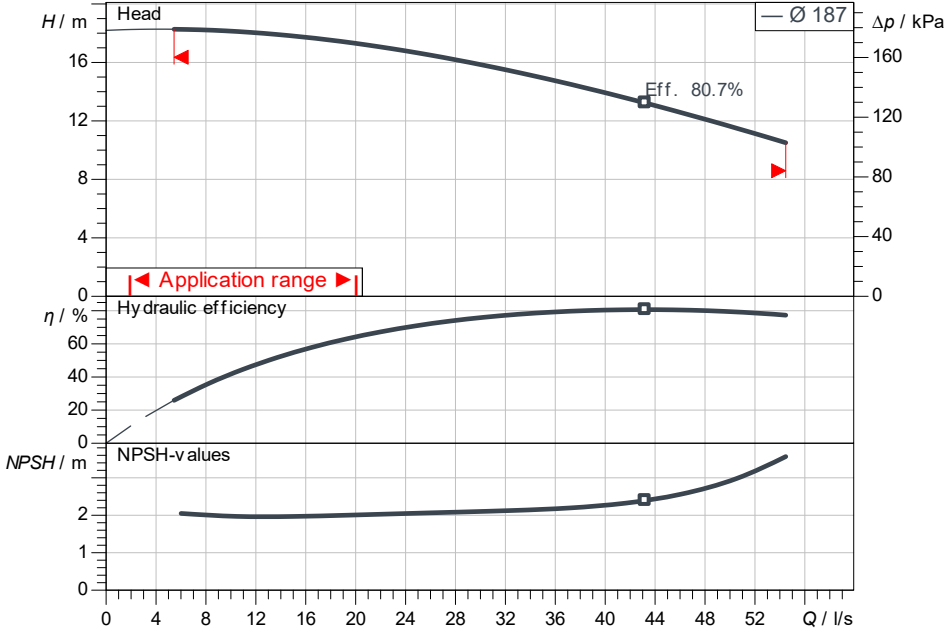
### Glanded monobloc pump Atmos GIGA-B 100/180-7,5/4/6

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 P2  
Hydraulic efficiency  
NPSH

#### Product data

Glanded monobloc pump  
Atmos GIGA-B 100/180-7,5/4/6  
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 P2                    7.50 kW  
Rated current                      15.70 A  
Power factor                      0.79  
Efficiency                        50% / 75% / 100%               90/91.5/91.7%  
Degree of protection               IP55  
Insulation class                    F  
Motor protection                    PTC integrated

#### Fitting dimensions

Pipe connection on the suction side   DN 125, PN 16  
Pipe connection (pressure side)       DN 100, 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.                    175 kg  
Item number                        2214091

