

**Customer**

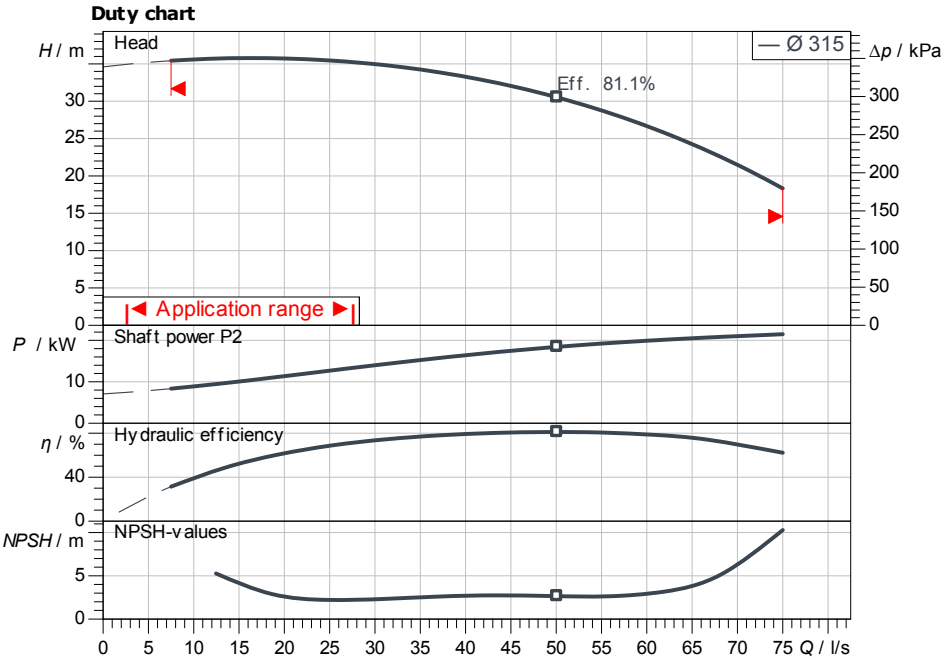
## Technical data

### Glanded standard single pump Atmos GIGA-I 125/305-22/4

Project ID                      Untitled project 2025-03-01 19:22:28.264

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-01



**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  $P_2$   
Hydraulic efficiency  
NPSH

**Product data**

Glanded standard single pump  
Atmos GIGA-I 125/305-22/4  
Max. operating pressure   1,600 kPa  
Fluid temperature        -20 °C ... +140 °C  
Max. ambient temperature  40 °C  
Minimum efficiency index (MEI)  $\geq 0.4$

**Motordata per Motor/Pump**

Motor efficiency level     IE3  
Mains connection         3~ 400 V / 50 Hz  
Permitted voltage tolerance  $\pm 10 \%$   
Rated speed               1,450 1/min  
Rated power  $P_2$            22.00 kW  
Rated current             41.60 A  
Power factor               0.85  
Efficiency                 50% / 75% / 100%       92/ 93/92.5%  
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 125, PN 16  
Port to Port               700 mm

**Materials**

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

**Information for order placements**

Weight approx.           381 kg  
Item number               2218522

