

**Customer**

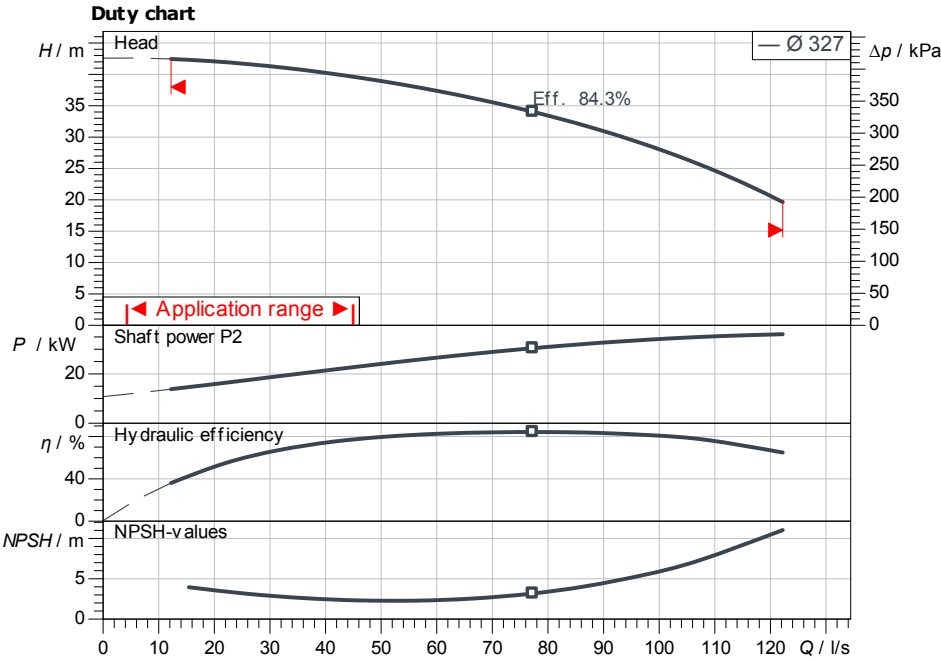
# Technical data

## Glanded standard single pump Atmos GIGA-I 150/305-37/4

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 150/305-37/4  
 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: +10 %  
 Rated speed: 1,450 1/min  
 Rated power  $P_2$ : 37.00 kW  
 Rated current: 71.30 A  
 Power factor: 0.81  
 Efficiency: 50% / 75% / 100%  
 Degree of protection: IP55  
 Insulation class: F  
 Motor protection: PTC integrated

**Fitting dimensions**

Pipe connection on the suction side: DN 150, PN 16  
 Pipe connection (pressure side): DN 150, PN 16  
 Port to Port: 770 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.: 542 kg  
 Item number: 2219760

