

**Customer**

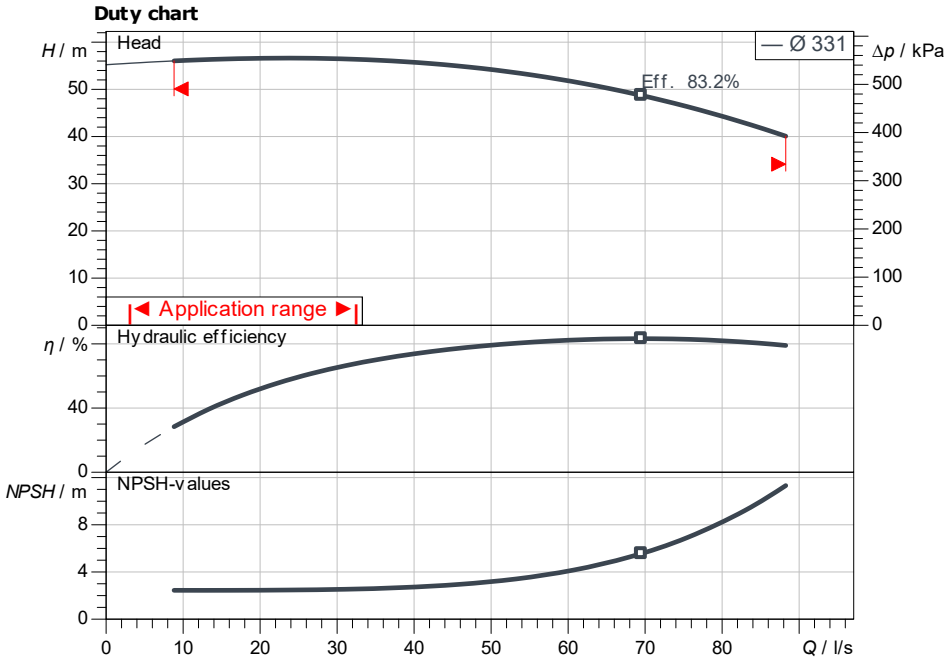
## Technical data

### Glanded monobloc pump Atmos GIGA-B 100/305-45/4/6

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

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-05



**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 100/305-45/4/6	
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	45.00 kW
Rated current	86.50 A
Power factor	0.83
Efficiency	50% / 75% / 100%
	94.1/ 94.9/95%
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.	525 kg
Item number	2227688

