

Customer

Technical data

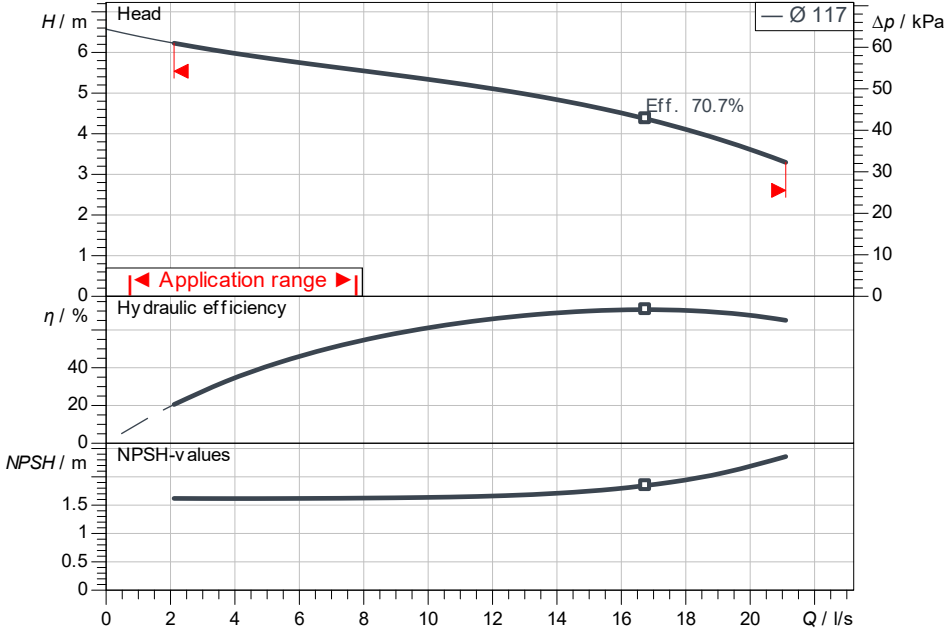
Glanded monobloc pump Atmos GIGA-B 65/105-1,1/4/6

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 ³ |
| Kin. viscosity | 1.00 mm ² /s |

Hydraulic data (Duty point)

| | |
|----------------------|--|
| Flow | |
| Head | |
| Shaft power P2 | |
| Hydraulic efficiency | |
| NPSH | |

Product data

| | |
|--------------------------------|--------------------|
| Glanded monobloc pump | |
| Atmos GIGA-B 65/105-1,1/4/6 | |
| 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 | 1.10 kW |
| Rated current | 4.25 A |
| Power factor | 0.79 |
| Efficiency | |
| 50% / 75% / 100% | 83/ 85.8/86.5% |
| Degree of protection | IP55 |
| Insulation class | F |
| Motor protection | No |

Fitting dimensions

| | |
|-------------------------------------|--------------|
| Pipe connection on the suction side | DN 80, PN 16 |
| Pipe connection (pressure side) | DN 65, 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 cataphoretic-coated |
| Shaft | 1.4122 |
| Shaft seal | AQ1EGG |

Information for order placements

| | |
|----------------|---------|
| Weight approx. | 69 kg |
| Item number | 9130555 |

