

Customer

Technical data

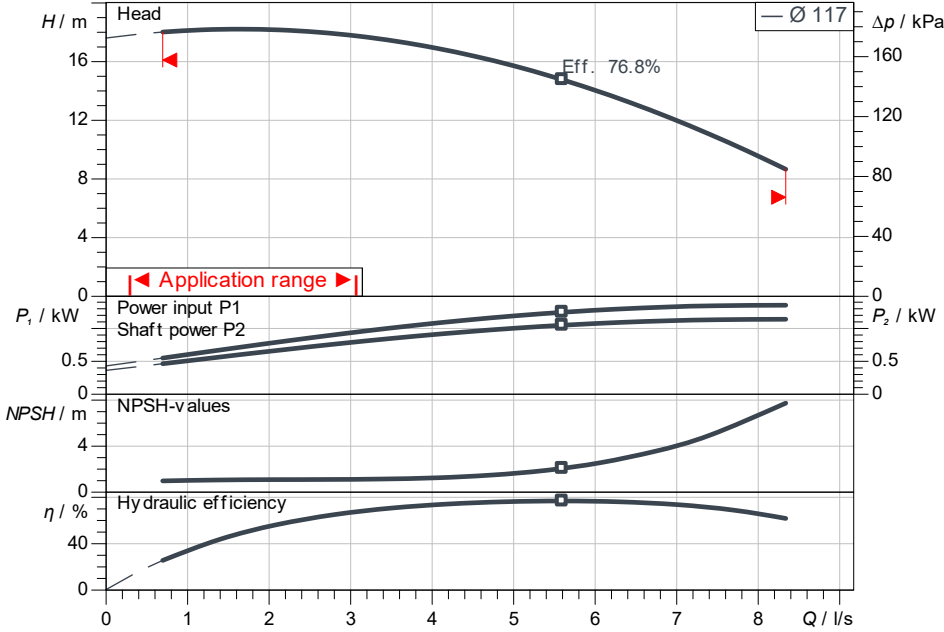
Glanded monobloc pump BAC50/117-1.5/2

Project ID: Untitled project 2025-03-01 21:22:21.369

Project name
Installation location
Customer pos. No.

Date: 2025-03-01

Duty chart



Requested data

Flow
Head
Media: Water 100 %
Fluid temperature: 20.00 °C
Density: 998.30 kg/m³
Kin. viscosity: 1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2
Hydraulic efficiency
NPSH

Product data

Glanded monobloc pump
BAC50/117-1.5/2
Max. operating pressure: 1,000 kPa
Fluid temperature: -15 °C ... +90 °C
Max. ambient temperature: 60 °C
Minimum efficiency index (MEI): ≥ 0.8
Max. sound pressure level: 52.7 dB

Motordata per Motor/Pump

Motor efficiency level: IE3
Mains connection: 3~ 400 V / 50 Hz
Permitted voltage tolerance: + -10 %
Rated speed: 2,855 1/min
Rated power P2: 1.50 kW
Rated current: 3.22 A
Power factor: 0.84
Efficiency: 50% / 75% / 100% → 82.9% / 84.2% / 84.2%
Degree of protection: IP55
Insulation class: F
Motor protection: No

Fitting dimensions

Pipe connection on the suction side: Ø 60,3, PN 10
Pipe connection (pressure side): Ø 60,3, PN 10
Port to Port: -

Materials

Pump housing: 5.1301/EN-GJL-250
Impeller: PA6-GF30
Lantern: 5.1301/EN-GJL-250
Shaft: 1.4021
Shaft seal: BQ7EGG

Information for order placements

Quantity: 1
Painting: Finished paintwork
Weight approx.: 20.3 kg
Item number: 4245156

