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Customer

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Technical data

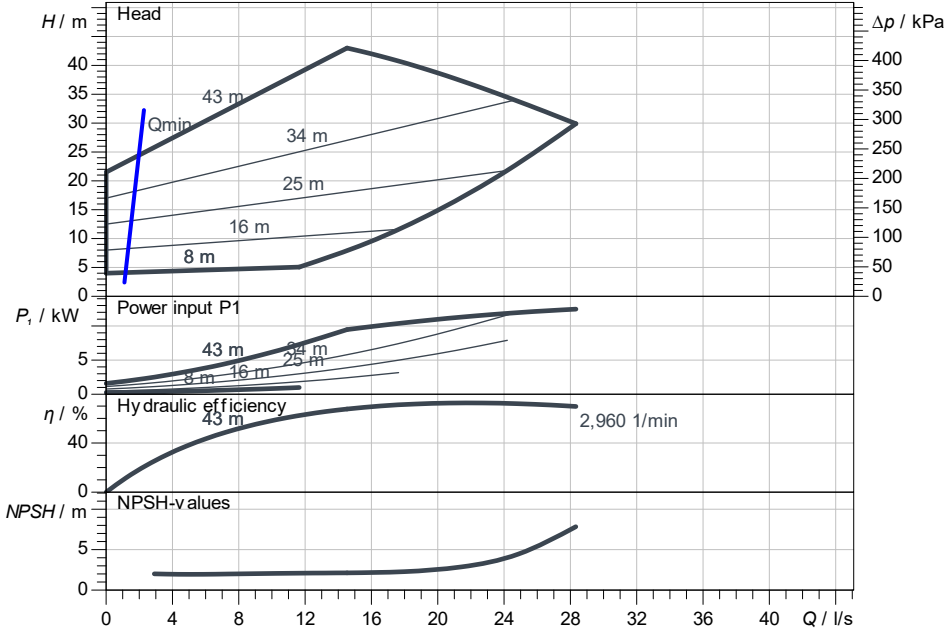
Glanded energy-saving single pump BL-E50/160-11/2

Project ID: Untitled project 2025-03-02 21:52:22.079

Project name
Installation location
Customer pos. No.

Date: 2025-03-02

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
Power input P1
NPSH

Product data

Glanded energy-saving single pump
BL-E50/160-11/2
Kind of operation: dp-v
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 design: AC motor
Efficiency class: IE4
Mains connection: 3~ 400 V / 50 Hz
Permitted voltage tolerance: +10 %
Max. speed: 2,950 1/min
Rated power P2: 11.00 kW
Rated current: 19.20 A
Degree of protection: IP55
Insulation class: F
Motor protection: PTC integrated

Fitting dimensions

Pipe connection on the suction side: DN 65, PN 16
Pipe connection (pressure side): DN 50, 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.: 169 kg
Item number: 2221198

