

Customer

Technical data

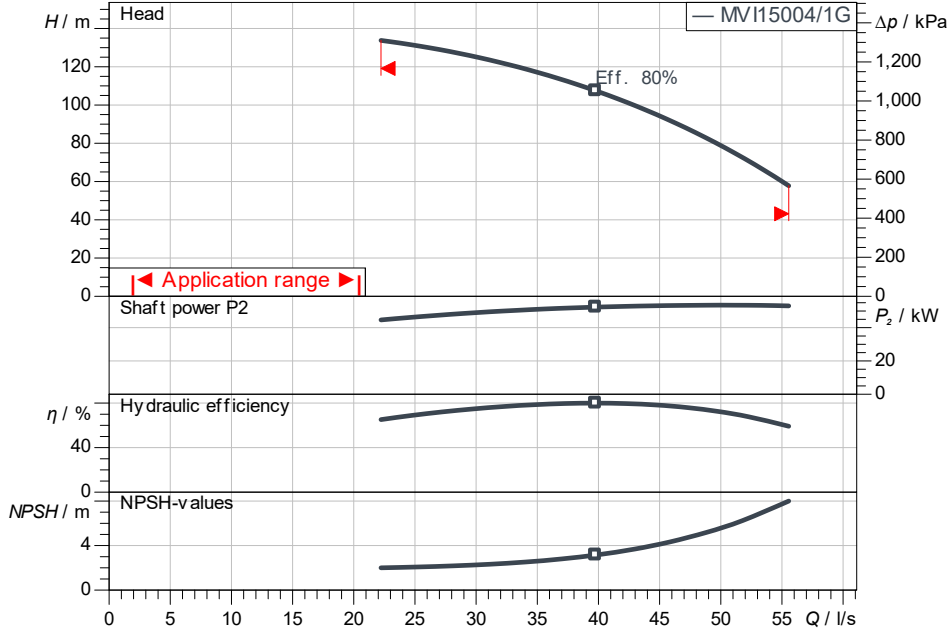
High-pressure multistage centrifugal pump MVI15004/1G-3/25/E/K/3-400-50-2

Project ID: Untitled project 2025-03-17 02:46:47.713

Project name
Installation location
Customer pos. No.

Date: 2025-03-17

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

High-pressure multistage centrifugal pump
MVI15004/1G-3/25/E/K/3-400-50-2
Max. operating pressure: 2,000 kPa
Inlet pressure max.: 15 bar
Fluid temperature: -15 °C ... +120 °C
Max. ambient temperature: 40 °C
Minimum efficiency index (MEI)

Motordata per Motor/Pump

Motor efficiency level: IE3
Mains connection: 3~ 400 V / 50 Hz
Permitted voltage tolerance: +10 %
Max. speed: 2,970 1/min
Rated power P₂: 55.00 kW
Rated current: 93.50 A
Power factor: 0.9
Service factor: 0
Efficiency: 50% / 75% / 100% → 93.3/94.1/94.3%
Degree of protection: IP55
Insulation class: F
Motor protection: No

Fitting dimensions

Pipe connection on the suction side: DN 150, PN 25
Pipe connection (pressure side): DN 150, PN 25

Materials

Pump housing: EN-GJS-500-7
Impeller: 1.4301
Shaft: 1.4301
Shaft seal: U3BE3GG
Gasket material: EPDM

Information for order placements

Weight approx.: 589.5 kg
Item number: 9236701

Dimensions

A	424
B	275
D	250
DN	DN 1
e	180
f	485
G	26
H	1,95
H2	1,18
Ø I	22
Ø M	485
X	357.

mm

