

Customer

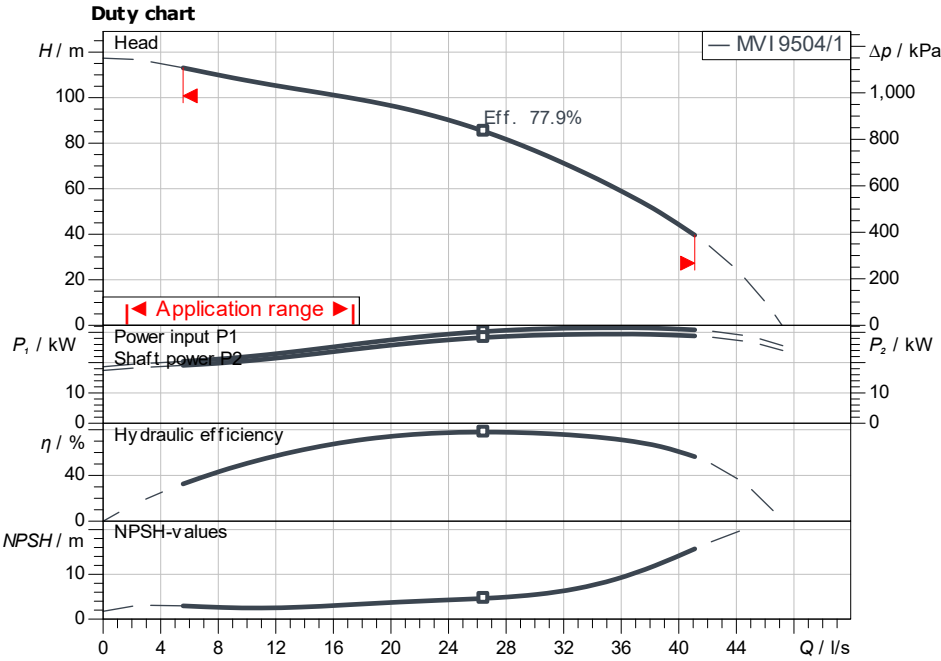
Technical data

High-pressure multistage centrifugal pump MVI 9504/1-3/16/E/3-400-50-2

Project ID Untitled project 2025-03-03 23:00:00.495

Project name
Installation location
Customer pos. No.

Date 2025-03-03



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 P_2
Hydraulic efficiency
NPSH

Product data

High-pressure multistage centrifugal pump
MVI 9504/1-3/16/E/3-400-50-2
Max. operating pressure 1,600 kPa
Inlet pressure max. 10 bar
Fluid temperature -15 °C ... +120 °C
Max. ambient temperature 50 °C
Minimum efficiency index (MEI) ≥ 0.4

Motordata per Motor/Pump

Motor efficiency level IE3
Mains connection 3~ 400 V / 50 Hz
Permitted voltage tolerance +10 %
Max. speed 2,900 1/min
Rated power P_2 30.00 kW
Rated current 50.80 A
Power factor 0.91
Service factor 1.15
Efficiency 50% / 75% / 100% 92.1/93.2/93.3%
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

Pipe connection on the suction side DN 100, PN 16
Pipe connection (pressure side) DN 100, PN 16

Materials

Pump housing 5.1301/EN-GJL-250
Impeller 1.4408
Shaft 1.4057
Shaft seal U3BE3GG
Gasket material EPDM

Information for order placements

Weight approx. 297 kg
Item number 4082543

ISO 9906: 2012 3B

Dimensions

H 1,57
H2 979
 $\varnothing M$ 347
X 255
X 255

mm

