

Technical data

High-pressure multistage centrifugal pump MVI 7001-3/25/E/3-460-60-2

Project ID

Untitled project 2025-03-05 08:57:18.785

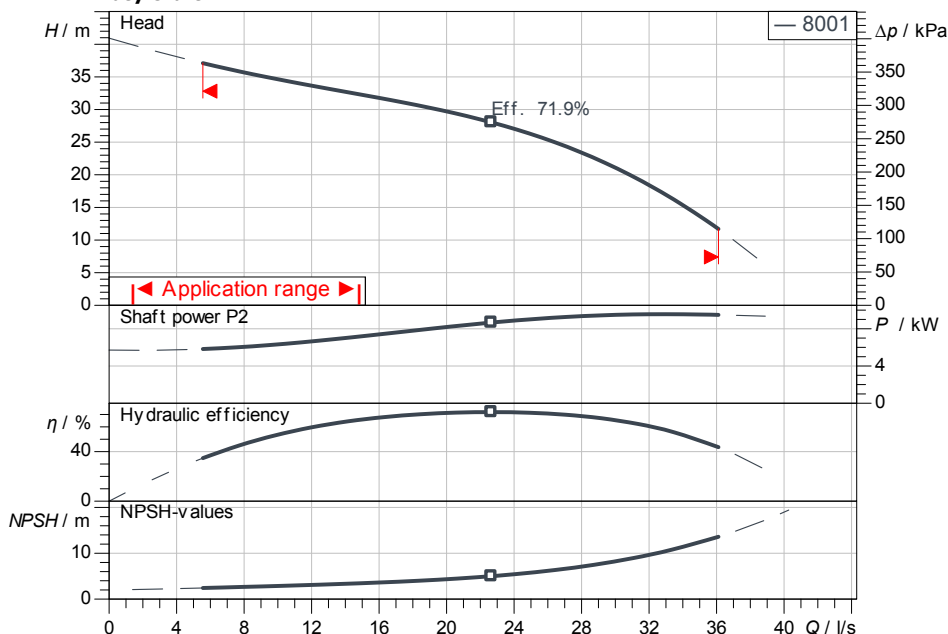
Project name

Installation location

Customer pos. No.

Date 2025-03-05

Duty chart

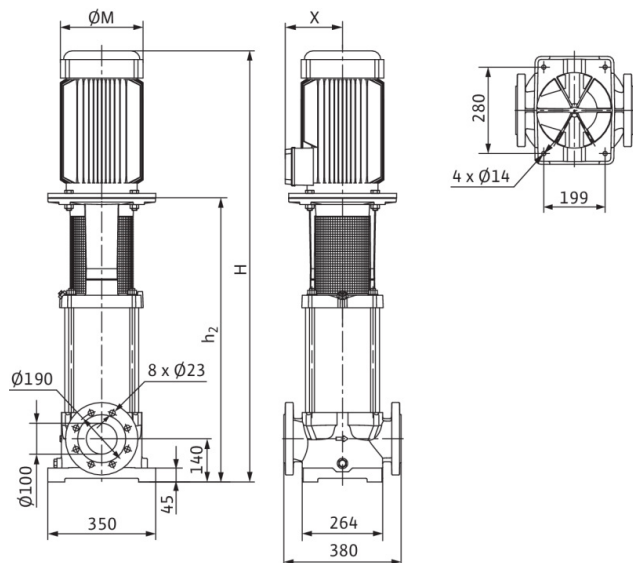


ISO 9906: 2012 3B

Dimensions

H	1,06
H2	539
$\varnothing M$	260
X	191

mm



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 P_2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump MVI 7001-3/25/E/3-460-60-2	
Max. operating pressure	2,500 kPa
Inlet pressure max.	10 bar
Fluid temperature	-15 °C ... +120 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 460 V / 60 Hz
Permitted voltage tolerance	+6 %
Max. speed	3,535 1/min
Rated power P_2	11.00 kW
Rated current	18.20 A
Power factor	0.91
Service factor	1.15
Efficiency	
50% / 75% / 100%	//%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

Pipe connection on the suction side	DN 100, PN 25
Pipe connection (pressure side)	DN 100, PN 25

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.	128 kg
Item number	4082054