

Technical data

High-pressure multistage centrifugal pump MVI15005G-3/25/E/K/3-400-50-2

Project ID

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

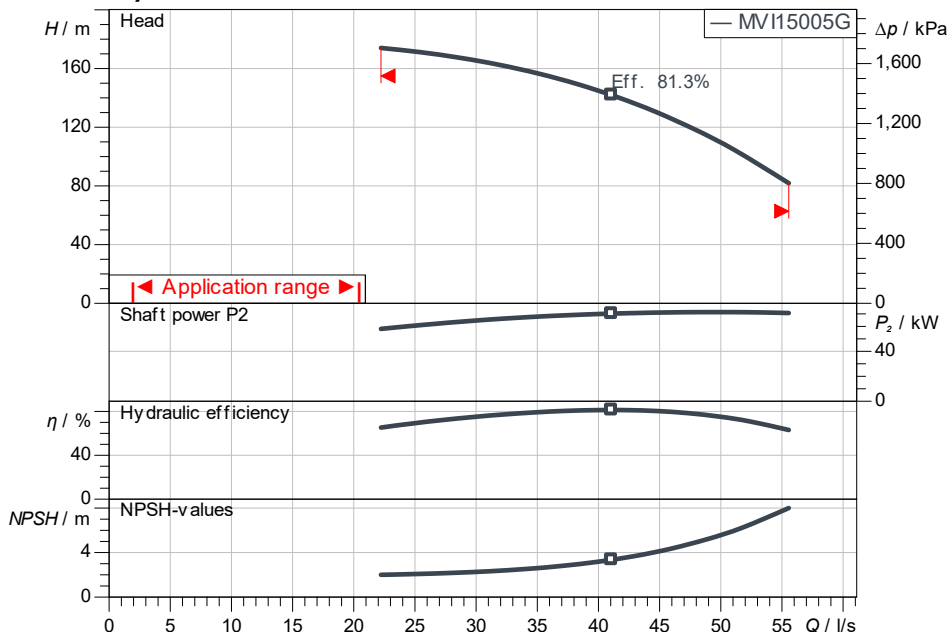
Project name

Installation location

Customer pos. No.

Date 2025-03-17

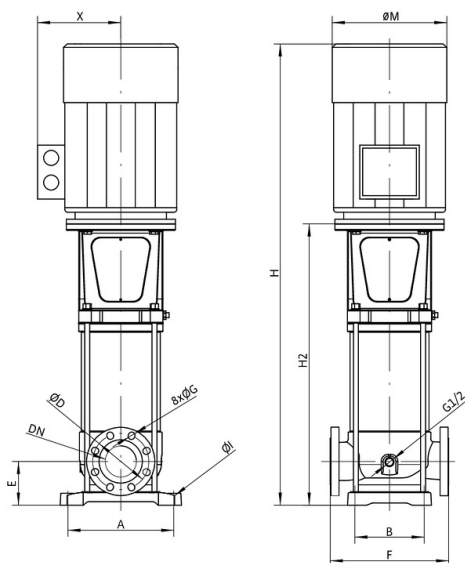
Duty chart



Dimensions

A	424
B	275
D	250
DN	DN 1
e	180
f	485
G	26
H	2,13
H2	1,30
$\varnothing I$	22
$\varnothing M$	555
X	384

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	
MVI15005G-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	IE4
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	2,980 1/min
Rated power P_2	75.00 kW
Rated current	127.00 A
Power factor	0.89
Service factor	0
Efficiency	
50% / 75% / 100%	95.3/95.6/95.6%
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.	730.3 kg
Item number	9236704