

Technical data

High-pressure multistage centrifugal pump MVIS 405-1/16/K/3-400-50-2

Project ID

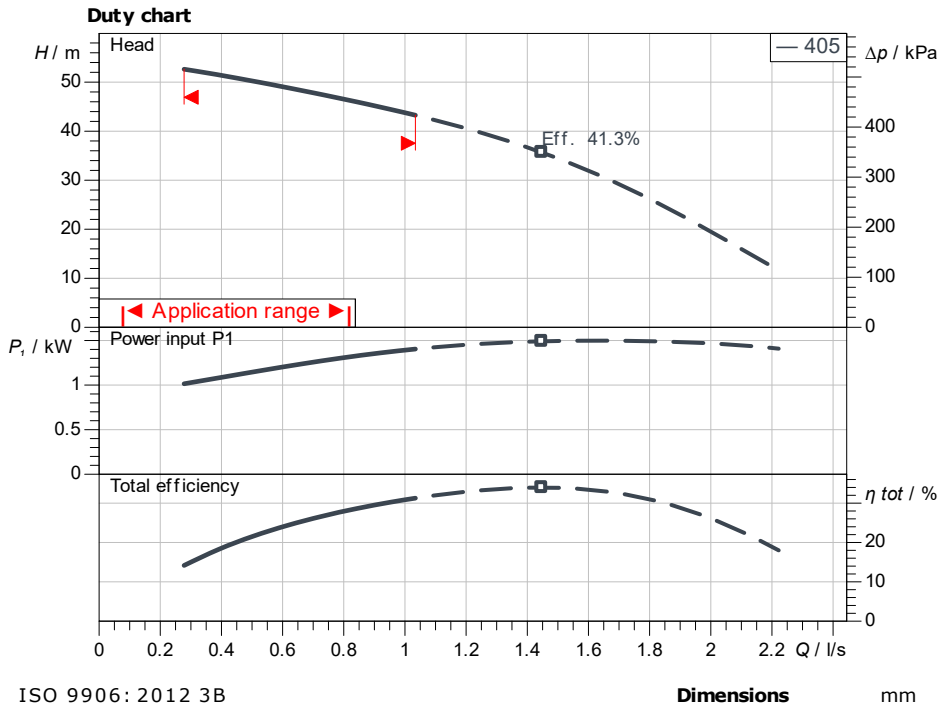
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Project name

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/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump MVIS 405-1/16/K/3-400-50-2	
Max. operating pressure	1,600 kPa
Inlet pressure max.	10 bar
Fluid temperature	-15 °C ... +50 °C
Max. ambient temperature	40 °C

Motordata per Motor/Pump

Mains connection	3~400 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	2,900 1/min
Rated power P2	1.10 kW
Rated current	5.20 A
Degree of protection	IP44
Insulation class	F
Motor protection	

Fitting dimensions

Pipe connection on the suction side	G 1 1/4, PN 16
Pipe connection (pressure side)	G 1 1/4, PN 16

Materials

Pump housing	1.4301
Impeller	1.4301
Shaft	1.4122
Gasket material	EPDM
Stage chamber material	1.4301

Information for order placements

Weight approx.	22.5 kg
Item number	2009045

