

**Customer**

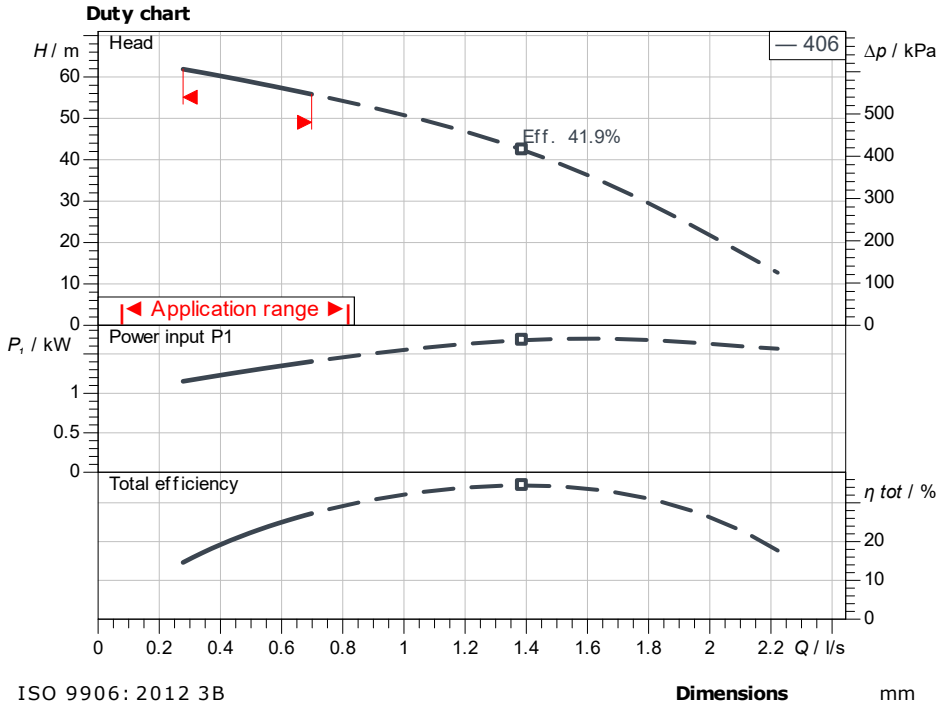
## Technical data

### High-pressure multistage centrifugal pump MVIS 406-1/16/K/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/m <sup>3</sup>
Kin. viscosity	1.00 mm <sup>2</sup> /s

**Hydraulic data (Duty point)**

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	

**Product data**

High-pressure multistage centrifugal pump MVIS 406-1/16/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	5.60 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.	23 kg
Item number	2009046

