

**Customer**

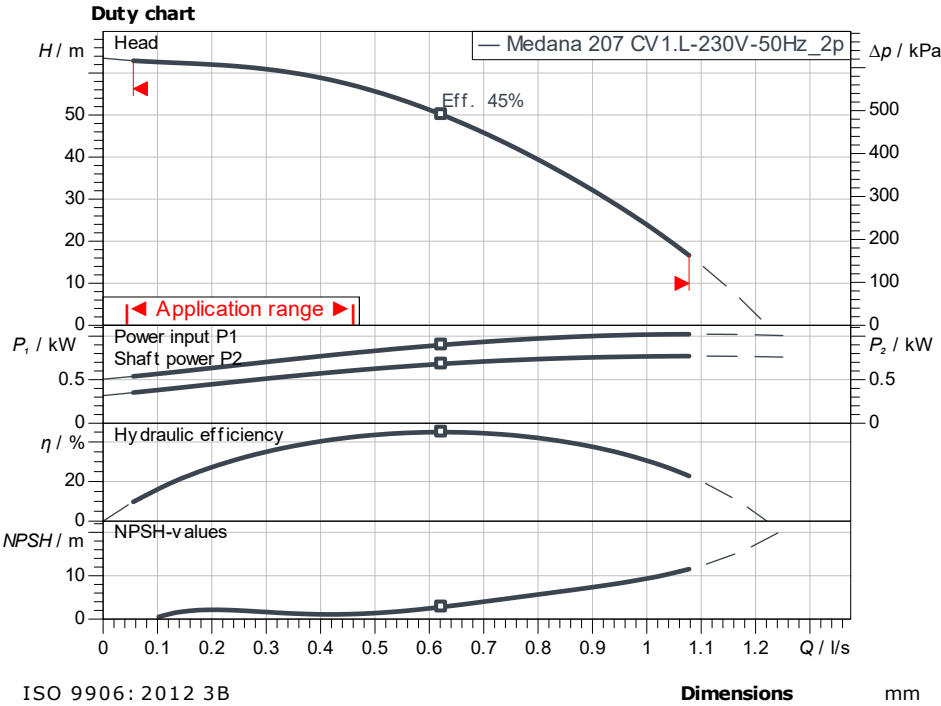
## Technical data

### High-pressure multistage centrifugal pump Medana CV1-L.207-1/E/A/100

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  
Medana CV1-L.207-1/E/A/100  
Max. operating pressure: 1,000 kPa  
Inlet pressure max.: 6 bar  
Fluid temperature: -20 °C ... +120 °C  
Max. ambient temperature: 50 °C  
Minimum efficiency index (MEI): ≥ 0.7

#### Motordata per Motor/Pump

Motor efficiency level: IE2  
Mains connection: 1~ 230 V / 50 Hz  
Permitted voltage tolerance: +10 %  
Rated speed: 2,900 1/min  
Rated power P2: 0.75 kW  
Rated current: 4.60 A  
Power factor  
Service factor: 1  
Degree of protection: IP55  
Insulation class: F  
Motor protection: Yes

#### Fitting dimensions

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

#### Materials

Pump housing: 1.4301  
Impeller: 1.4301  
Shaft: 1.4301  
Shaft seal: BQ7EGG  
Gasket material: EPDM

#### Information for order placements

Weight approx.: 20 kg  
Item number: 4240463

