

Customer

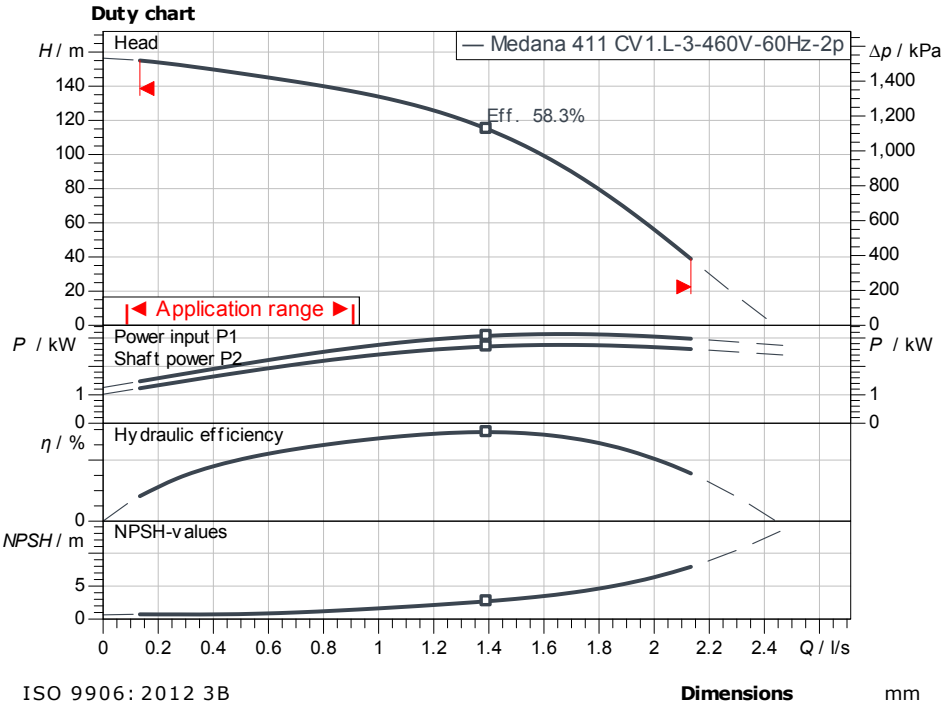
Technical data

High-pressure multistage centrifugal pump Medana CV1-L.411-1/E/G/160

Project ID Untitled project 2025-03-05 08:29:53.905

Project name
Installation location
Customer pos. No.

Date 2025-03-05



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 Medana CV1-L.411-1/E/G/160 | |
| Max. operating pressure | 1,600 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 | |
| Mains connection | 3~ 460 V / 60 Hz |
| Permitted voltage tolerance | +/-10 % |
| Rated speed | 3,500 1/min |
| Rated power P2 | 3.00 kW |
| Rated current | 5.70 A |
| Power factor | |
| Service factor | 1.5 |
| Degree of protection | IP55 |
| Insulation class | F |
| Motor protection | No |

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. | 32 kg |
| Item number | 4239795 |

