

**Customer**

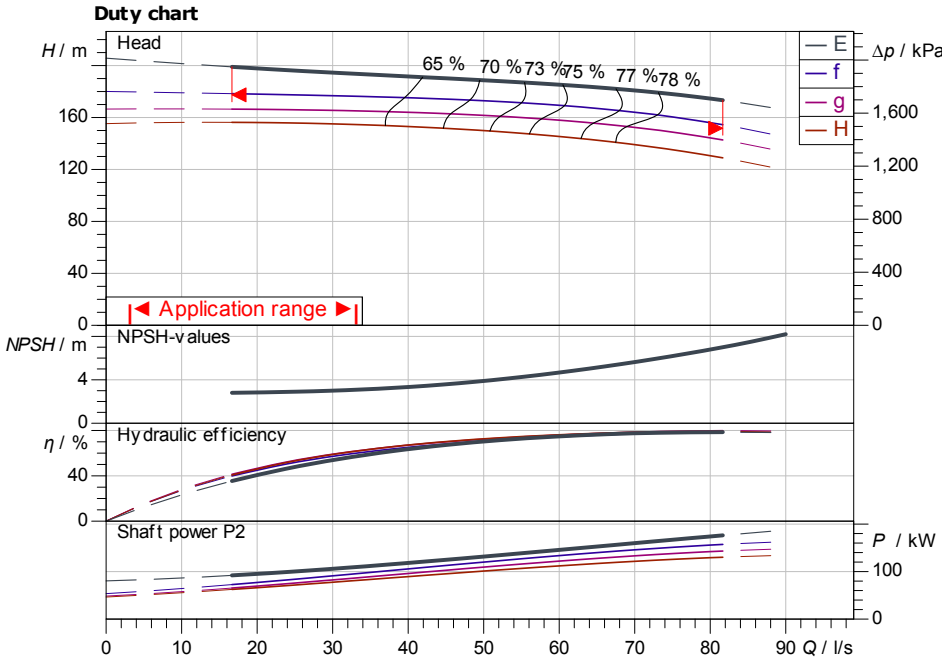
## Technical data

### High-pressure multistage centrifugal pump Zeox-FIRST H 24002-200-2

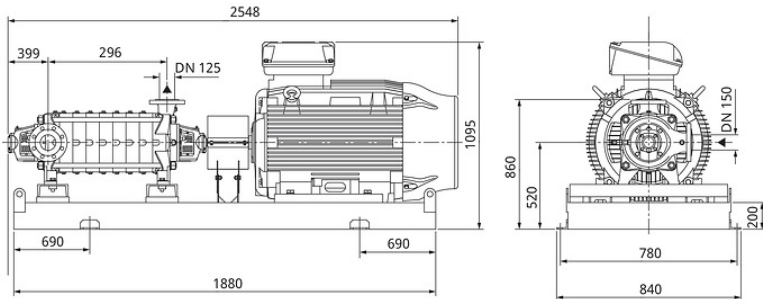
Project ID                      Untitled project 2025-03-04 09:37:01.987

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-04



ISO 9906: 2012 3B



#### 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 |                  |
| Zeox-FIRST H 24002-200-2                  |                  |
| Max. operating pressure                   | 5,000 kPa        |
| Fluid temperature                         | -5 °C ... +90 °C |
| Max. ambient temperature                  | 40 °C            |
| Minimum efficiency index (MEI)            |                  |

#### Motor data per Motor/Pump

|                             |                  |
|-----------------------------|------------------|
| Motor efficiency level      | IE4              |
| Mains connection            | 3~ 400 V / 50 Hz |
| Permitted voltage tolerance | + -10 %          |
| Max. speed                  | 2,900 1/min      |
| Rated power P2              | 200.00 kW        |
| Rated current               | 334.00 A         |
| Power factor                | 0.9              |
| Efficiency                  |                  |
| 50% / 75% / 100%            | 95.7/96.2/96%    |
| Degree of protection        | IP55             |
| Insulation class            | F                |
| Motor protection            |                  |

#### Fitting dimensions

|                                     |               |
|-------------------------------------|---------------|
| Pipe connection on the suction side | DN 150, PN 25 |
| Pipe connection (pressure side)     | DN 125, PN 63 |
| Port to Port                        |               |

#### Materials

|                        |                       |
|------------------------|-----------------------|
| Pump housing           | EN-GJL-250/EN-GJS-400 |
| Shaft                  | 1.6510                |
| Shaft seal             | U2BPFG                |
| Impeller               | 1.0503                |
| Stage chamber material | EN-GJS-500-7          |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. |         |
| Item number    | 4191927 |

**Dimensions**                      mm

