

## Technical data

### High-pressure multistage centrifugal pump Zeox-FIRST H 4202-15-2

Project ID

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

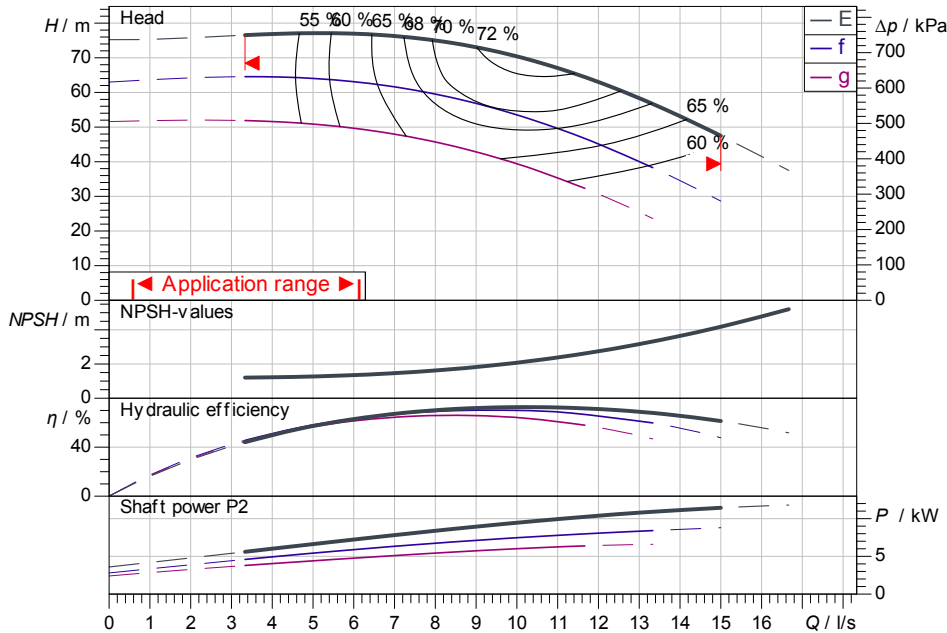
Project name

Installation location

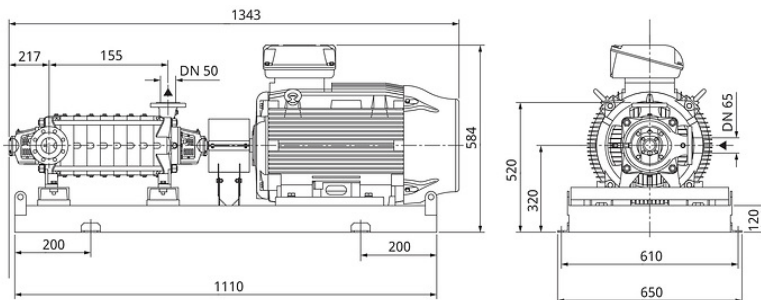
Customer pos. No.

Date 2025-03-04

#### Duty chart



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 4202-15-2                    |                  |
| 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      | IE3              |
| Mains connection            | 3~ 400 V / 50 Hz |
| Permitted voltage tolerance | +/-10 %          |
| Max. speed                  | 2,900 1/min      |
| Rated power P2              | 15.00 kW         |
| Rated current               | 27.70 A          |
| Power factor                | 0.85             |
| Efficiency                  | 50% / 75% / 100% |
| 50% / 75% / 100%            | 90.9/91.8/92.1%  |
| Degree of protection        | IP55             |
| Insulation class            | F                |
| Motor protection            |                  |

#### Fitting dimensions

|                                     |              |
|-------------------------------------|--------------|
| Pipe connection on the suction side | DN 65, PN 25 |
| Pipe connection (pressure side)     | DN 50, PN 63 |
| Port to Port                        |              |

#### Materials

|                        |                       |
|------------------------|-----------------------|
| Pump housing           | EN-GJL-250/EN-GJS-400 |
| Shaft                  | 1.4028                |
| Shaft seal             | U2BPFG                |
| Impeller               | EN-GJL-200            |
| Stage chamber material | EN-GJS-500-7          |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. |         |
| Item number    | 4191786 |

#### Dimensions

mm

