

**Customer**

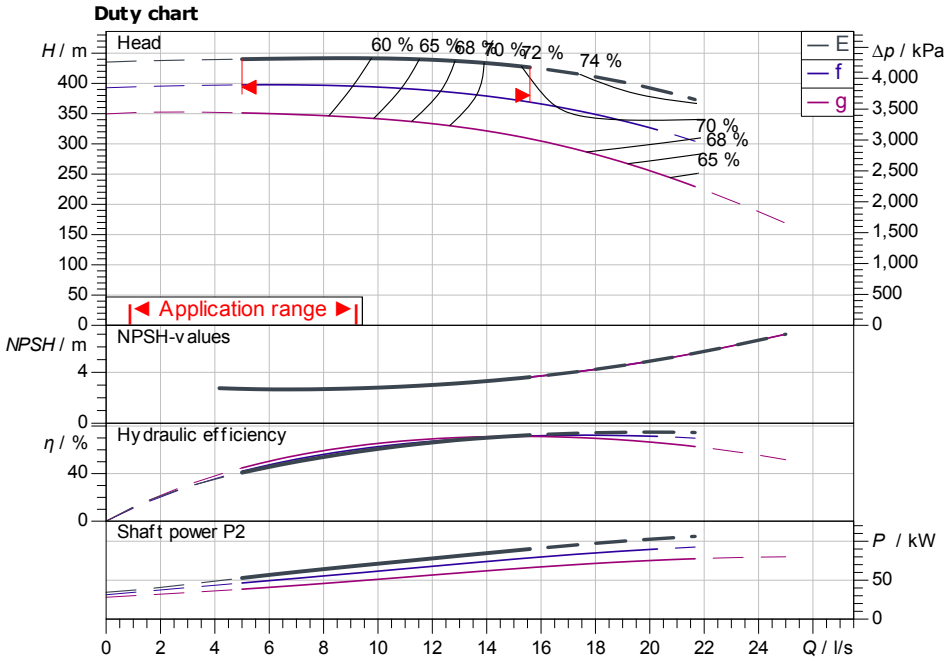
## Technical data

### High-pressure multistage centrifugal pump Zeox-FIRST H 6008-90-2

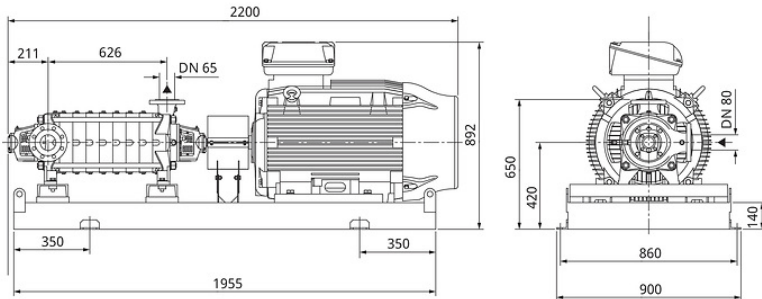
Project ID: Untitled project 2025-03-04 09:37:01.987

Project name  
Installation location  
Customer pos. No.

Date: 2025-03-04



ISO 9906: 2012 3B



#### Requested data

Flow  
Head  
Media  
Fluid temperature  
Density  
Kin. viscosity

Water 100 %  
20.00 °C  
998.30 kg/m<sup>3</sup>  
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 6008-90-2  
Max. operating pressure: 5,000 kPa  
Fluid temperature: -5 °C ... +90 °C  
Max. ambient temperature: 40 °C  
Minimum efficiency index (MEI)

#### Motordata 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: 90.00 kW  
Rated current: 152.00 A  
Power factor: 0.9  
Efficiency: 50% / 75% / 100%  
Degree of protection: IP55  
Insulation class: F  
Motor protection

#### Fitting dimensions

Pipe connection on the suction side: DN 80, PN 25  
Pipe connection (pressure side): DN 65, PN 63  
Port to Port

#### Materials

Pump housing: EN-GJL-250/EN-GJS-400  
Shaft: 1.4028  
Shaft seal: U2BPFPG  
Impeller: EN-GJL-200  
Stage chamber material: EN-GJS-500-7

#### Information for order placements

Weight approx.  
Item number: 4191850

**Dimensions** mm

