

Contact  
E-mail  
Phone

**Customer**

Contact  
E-mail  
Phone

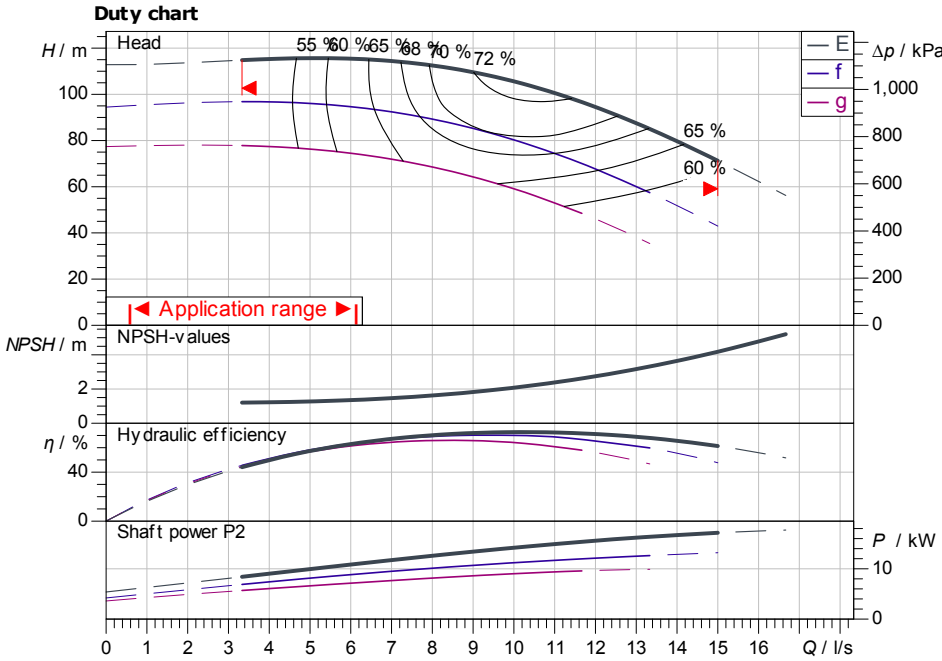
## Technical data

### High-pressure multistage centrifugal pump Zeox-FIRST H 4203-18.5-2

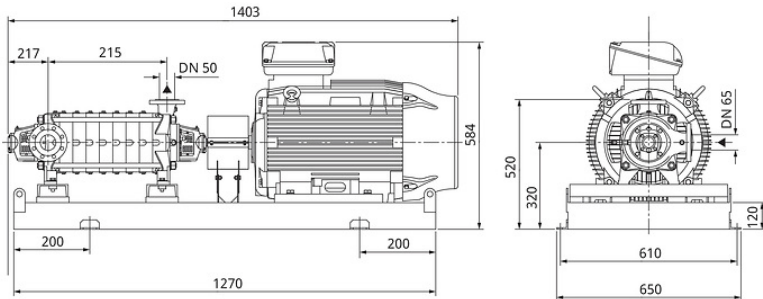
Project ID                      Untitled project 2025-03-04 09:37:01.987

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 4203-18.5-2  
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                      IE3  
Mains connection                      3~ 400 V / 50 Hz  
Permitted voltage tolerance                      + -10 %  
Max. speed                      2,900 1/min  
Rated power P2                      18.50 kW  
Rated current                      33.90 A  
Power factor                      0.85  
Efficiency  
50% / 75% / 100%                      91.5/92.3/92.6%  
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                      4191790

**Dimensions**                      mm

