

**Customer**

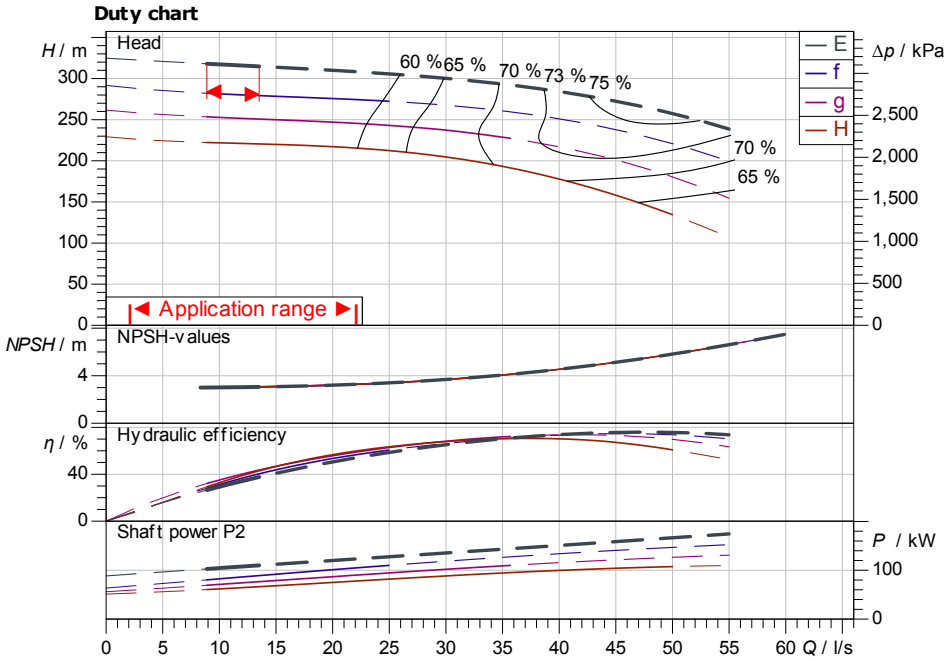
## Technical data

### High-pressure multistage centrifugal pump Zeox-FIRST H 16004-110-2

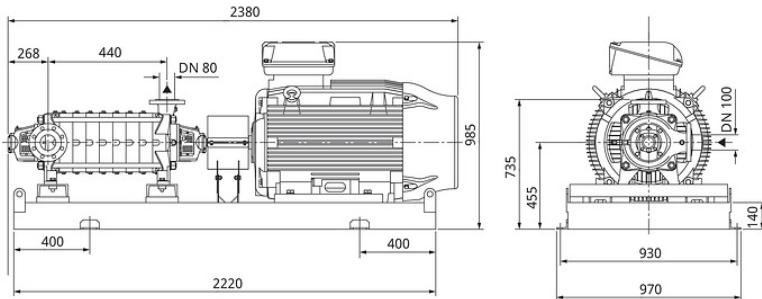
Project ID                      Untitled project 2025-03-04 09:37:01.987

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 16004-110-2	
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	110.00 kW
Rated current	189.00 A
Power factor	0.88
Efficiency	
50% / 75% / 100%	94.3/95.3/95.4%
Degree of protection	IP55
Insulation class	F
Motor protection	

#### Fitting dimensions

Pipe connection on the suction side	DN 100, PN 25
Pipe connection (pressure side)	DN 80, 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	4191911

**Dimensions**                      mm

