

Customer

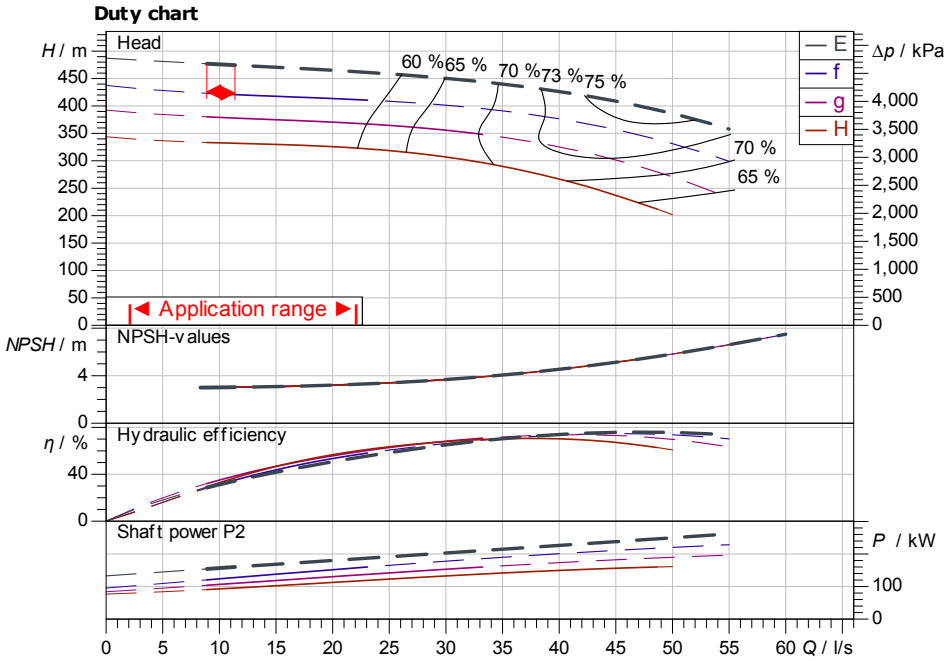
Technical data

High-pressure multistage centrifugal pump Zeox-FIRST H 16006-160-2

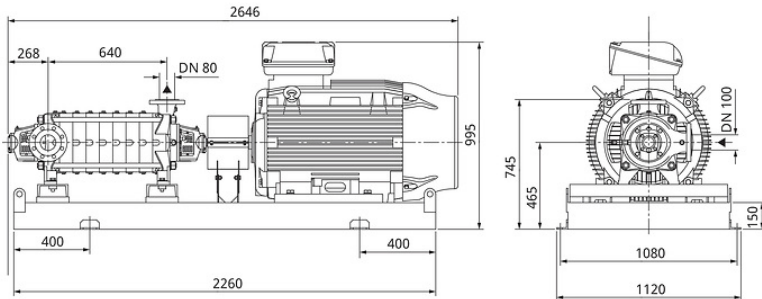
Project ID Untitled project 2025-03-04 09:37:01.987

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 ³ |
| Kin. viscosity | 1.00 mm ² /s |

Hydraulic data (Duty point)

| | |
|----------------------|--|
| Flow | |
| Head | |
| Shaft power P2 | |
| Hydraulic efficiency | |
| NPSH | |

Product data

| | |
|-----------------------------------------------------------------------|------------------|
| High-pressure multistage centrifugal pump Zeox-FIRST H 16006-160-2 | |
| 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 | 160.00 kW |
| Rated current | 271.00 A |
| Power factor | 0.89 |
| Efficiency | |
| 50% / 75% / 100% | 95.1/95.8/95.8% |
| 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 | 4191919 |

Dimensions mm

