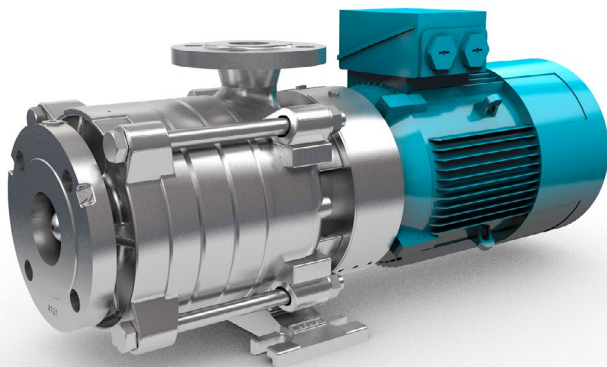


Multistage Centrifugal Pumps

Series LB, VB, NH, Z

- Energy Technology
- Liquefied Gas
- Cooling Technology
- Industrial Cleaning Technology
- Water and Wastewater Technology
- General Industrial Technology



TECHNICAL DATA ▶ LB

Flow rate	max. 65 m ³ /h
Head	max. 300 m
Operating pressure	max. 40 bar
Temperature	-50 °C to 160 °C
Viscosity	up to 115 mm ² /s

TECHNICAL DATA ▶ VB

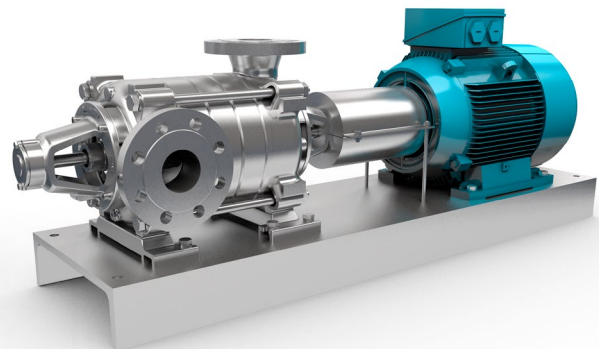
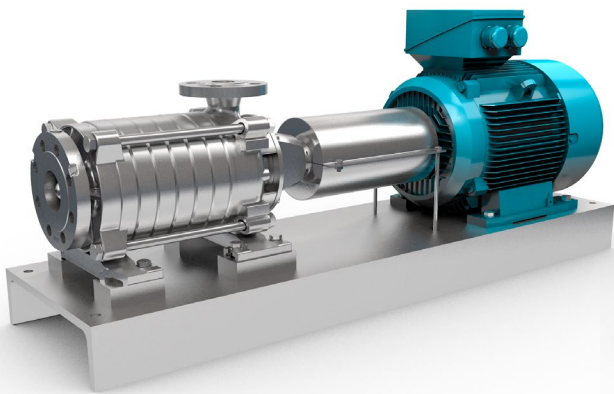
Flow rate	max. 65 m ³ /h
Head	max. 300 m
Operating pressure	max. 30 bar
Temperature	-40 °C to 140 °C
Viscosity	up to 115 mm ² /s

GENERAL INFORMATION

Multistage centrifugal pumps are used in applications requiring high delivery pressures. The compact sectional construction and horizontal layout result in their efficient and reliable design. Multistage centrifugal pumps are able to convey pure or slightly contaminated liquids.

ADVANTAGES

- Axial thrust-free, open or load-relieved, closed impellers
- Compensation of radial forces due to diffuser elements in the ring housing
- Low NPSH values
- Possibility to convey gas-loaded liquids
- Excellent control behavior
- Optimized size of pressure nozzle for low pipe friction losses and velocity head difference
- Different nozzle positions possible
- Protection against dry running
- Application in vacuum operation
- Low-pulsation transport of media
- Optional sensor-based operation monitoring
- Block or base plate design
- Easy installation



TECHNICAL DATA ▶ NH

Flow rate	max. 170 m ³ /h
Head	max. 300 m
Operating pressure	max. 40 bar
Temperature	-50 °C to 140 °C
Viscosity	up to 200 mm ² /s

TECHNICAL DATA ▶ Z

Flow rate	max. 65 m ³ /h
Head	max. 299 m
Operating pressure	max. 30 bar
Temperature	-40 °C to 160 °C
Viscosity	up to 115 mm ² /s

CHARACTERISTIC CURVES

