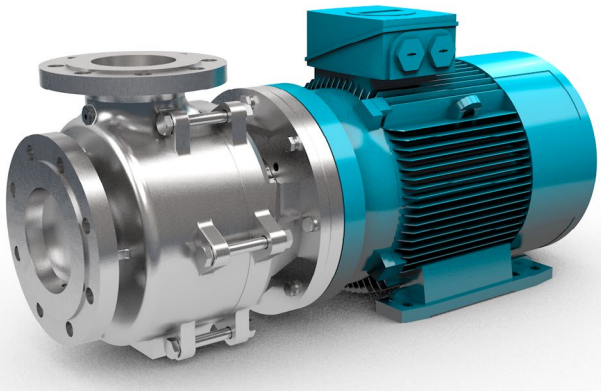
Single Stage Close-Coupled Pumps

Series NUB, CB, BC

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

GENERAL INFORMATION

Single-stage close-coupled pumps are robust, reliable and economical pumps with a long service life. They are characterized by their compact design and are used for the transport of pure or slightly contaminated liquids.

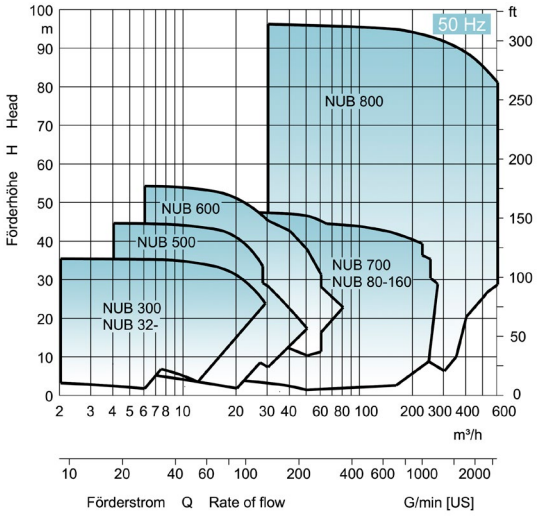


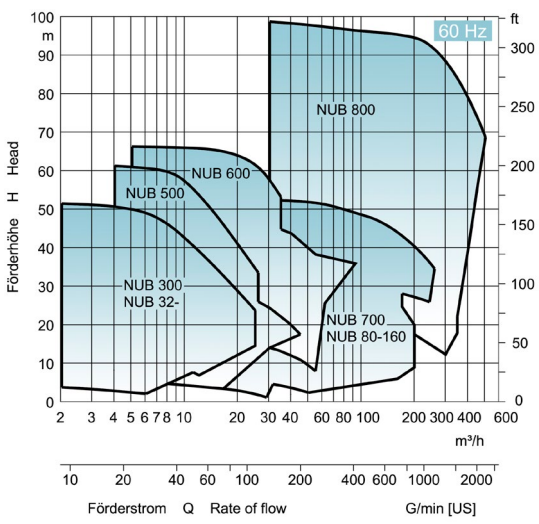
ADVANTAGES

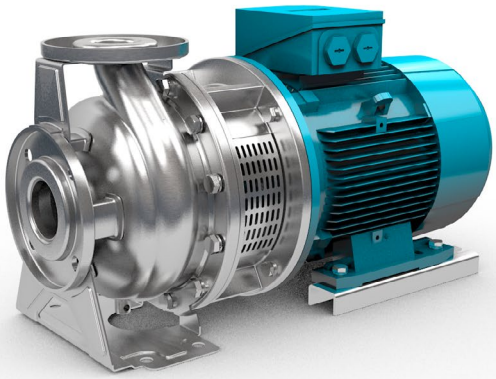
- Axial thrust-free, open or load-relieved, closed impellers
- Compensation of radial forces due to diffuser elements in the ring housing
- Low NPSH values
- Possibility to convey gas-loaded liquids
- Excellent control behavior
- Robustness against certain amounts of solid contents
- Optimized size of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

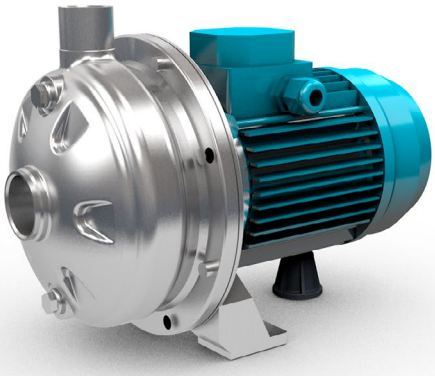
TECHNICAL DATA ▸ NUB	
Flow rate	max. 600 m³/h
Head	max. 98 m
Operating pressure	max. 16 bar
Temperature	-50 °C to 140 °C
Viscosity	up to 200 mm²/s

CHARACTERISTIC CURVES ▸ NUB









TECHNICAL DATA ▸ CB	
Flow rate	max. 240 m³/h
Head	max. 98 m
Operating pressure	max. 10 bar
Temperature	-25 °C to 110 °C
Viscosity	up to 115 mm²/s

TECHNICAL DATA ▸ BC	
Flow rate	max. 15 m³/h
Head	max. 78 m
Operating pressure	max. 8 bar
Temperature	-20 °C to 110 °C
Viscosity	up to 115 mm²/s

CHARACTERISTIC CURVES ▸ CB UND BC