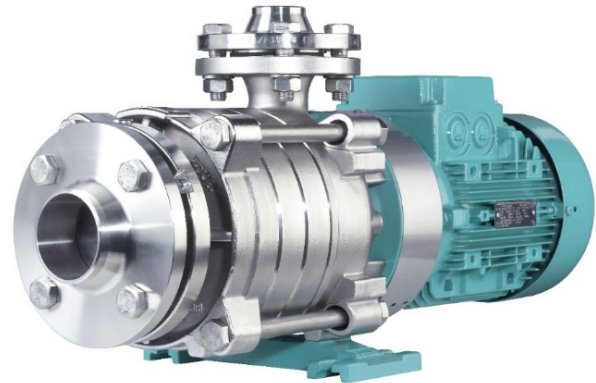


## MULTISTAGE

### LBU VBU NHP Z NU NHE

Connection- $\phi$ [mm] from ... up to	25 ... 200
Stages	Multi stage
Execution	Centrifugal
Construction	Horizontal
Design/type	Multi stage
operating pressure (bar)	Up to 64bar
Temperature ( $^{\circ}$ C)	from -60 to +220
Viscosity (mm <sup>2</sup> /sec)	Up to 115
Solid transport	-
max. capacity (m <sup>3</sup> /h)	350
max. head (m)	400



A multistage, horizontal and vertical, segmental type design high pressure pump with various options for clean and slightly polluted liquids.

The main applications are boiler feeding, condensate systems, booster, irrigation systems, washing plants, filter technique, water treatment, hardening systems, cooling technology, ship building and general machine engineering. By means of auxiliary NPSH-stages, NPSH-values down to 0,5 m are being achieved.

#### High Energy-Efficiency

- o low velocity of flow
- o low velocity head differences

#### Technical Superiority

- o single- or double-acting mechanical seals or magnetic coupling optional
- o open impellers without axial thrust or balanced closed impellers
- o compensation of radial forces by means of diffuser devices in the annular casing

#### Process Reliability

- o partial gas supply
- o wide performance curve characteristics
- o flat or steep characteristic curves
- o excellent control mode

#### Easy Installation

- o large flange inside diameters

#### Easy Maintenance

#### Application

- o operating pressure up to 40 bar
- o temperature -40 $^{\circ}$  C to +220 $^{\circ}$  C
- o viscosity up to 115 mm<sup>2</sup>/s

46320/rev1/06-2015/d



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ASME



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