Product Information Chemical Standard Pump N

Tradition creates innovation

The chemical centrifugal pumps from Lutz-Jesco have been developed particularly to be used for industrial applications and are thus especially sturdy and have a long service life – also in the case of most aggressive media and high-duty operation.

Smart setup

Chemical standard pumps N are single-stage, single-flow and normal-priming centrifugal pumps with spiral casing. Due to their modular structure the bearing support can be removed without having to dismantle the piping connections and the motor. Smooth and vibration-free operation because of the sturdy construction. For capacities of up to 300 m^3/h.

The DIN Standard N Pump is designed in a building set design with pump, clutch and driving motor on a joint base plate made of steel. The driving motor is a three-phase motor according to IEC standard with 1450 and/or 2900 min-1.

Special designs on request.

The shaft seal is constructed as mechanical seal. Depending on medium and operating conditions the slip rings are made of siliciumcarbid (SiC), bellows and secondary seals of EPDM or FPM, the metallic parts of stainless steel (1.4571) or Hastelloy C-4 (2.4610).

In short

- Single-stage, normal-priming centrifugal pump
- Piping connections according to DIN EN 22858/ISO 2858
- Fast and easy removal of the bearing support
- Corrosion-resistant
- Wetted-end parts made of highly resistant material
- Special varnish, stainless steel pump shaft with shaft protection sleeve
- Mechanical seal systems depending on medium
- Perfectly dimensioned shafts and bearings
- Lifetime lubrication of bearings in bearing support
- Vibrationless operation
- Wide range of capacity

Seal designs

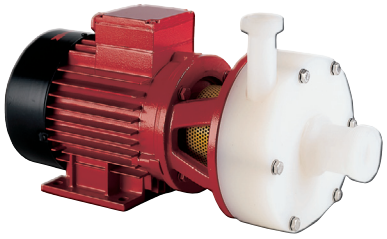
- Single-acting, internal mechanical seal, independent direction of rotation (B2 i)
- Single-acting, internal mechanical seal, independent direction of rotation with quenching chamber (B2 Q) for supply of external liquid
- Double acting with chenching chamber (B2 D) for dual active barrier and buffer fluid systems
- Special designs on request

Technical data

Design	modular design
Materials	PP, PVDF (further materials on request)
Max. flow rate Q	300 m^3/h
Max. delivery head H	100 m
Motor power	1.1 ... 75 kW
Ambient temperature	5 – 40 °C
Temperature of the medium	PP 0 – 80 °C, PVDF 0 – 120 °C (subject to the medium)
Speed	1450 min^{-1} and 2900 min^{-1}

Detailed product information and flow rate data on request.

Further Chemical Centrifugal Pumps



Chemical Motor Pump Unit MB

The normal-priming chemical motor pump units MB with horizontal axis are designed particularly for low-viscosity, acidic and alkaline solutions with a low solid matter content. The head assembly of the single-stage pumps consists of high-quality plastic material and a hydraulically efficient spiral casing.

In short

- Single-stage, normal-priming pumps with horizontal axis
- Open impeller
- Pump head made of high-quality thick-walled plastic material
- Corrosion-resistant
- Wetted-end parts made of highly resistant material
- Special varnish, stainless steel pump shaft with shaft protection sleeve
- Shaft seals single or double-acting
- Vibrationless operation

Chemical Motor Pump Unit BN

Chemical motor pump units BN are single-stage, normal-priming pumps with horizontal axis. They are supplied completely with motor for a fast and easy installation into the piping system. Suitable for capacities of up to 120 m^3/h.

In short

- Single-stage, normal-priming pumps with horizontal axis
- Piping connections according to DIN EN 22858/ISO 2858
- Corrosion-resistant
- Wetted-end parts made of highly resistant material
- Special varnish, stainless steel pump shaft with shaft protection sleeve
- Mechanical seal systems depending on medium
- Space-saving installation
- Vibrationless operation
- Wide range of capacity

Vertical Immersion Pump VTP-BBF

Plastic pumps VTP-BBF are vertical immersion pumps corresponding to the proven and well-known two-pipe principle. The main components of the single-acting pump are assembled in block design (according to DIN EN 22858). For capacities of up to 80 m^3/h.

In short

- Single-stage, vertical immersion pumps according to the two-pipe principle
- Immersion pump with especially designed three-phase A.C. motor
- Immersed section of the pump without seals
- Corrosion-resistant
- Wetted-end parts made of highly resistant material
- Special varnish for motor and metal parts

Lutz-Jesco GmbH
P.O. Box 10 01 64
30891 Wedemark
Phone: +49 5130 5802-0
Fax: +49 5130 580268
E-mail: info@lutz-jesco.com
Internet: www.lutz-jesco.de
24h-Hotline:
+49 5130 580280