



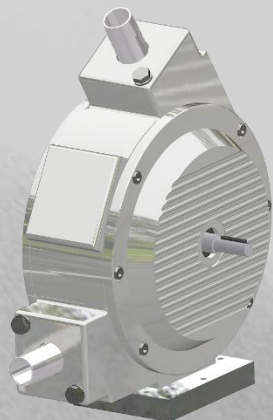
NEXaFLOW
SCHLAUCHPUMPEN

03/2026

PRODUCT overview



Dry Runner UP TO 4 BAR



series NF2

Dry Runner up to 2 bar

Sizes 15 | 27 | 35 | 50

for flow rates up to 12500 l/h

Hose material:
NR/NRF (FDA), CR



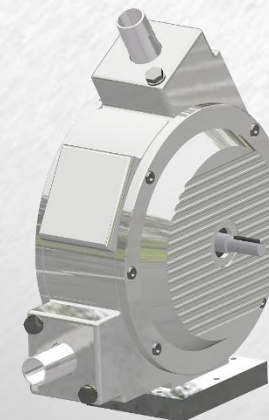
series NF4

Dry Runner up to 4 bar

Sizes 15 | 27 | 35

for flow rates up to 5500 l/h

Hose material:
NR



series NF2_FP

Dry Runner up to 2 bar

Sizes 19 | 30 | 35

for flow rates up to 4000 l/h

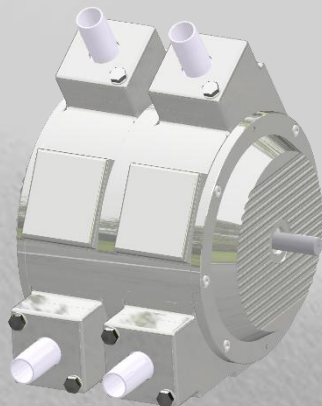
Hose material:
NEXAPRENE (FDA/EU)

Geometrically, the pump parts are compatible with the Ponndorf pumps, i.e. spare parts are completely replaceable.

PRODUCT overview



Dry Runner UP TO 4 Bar



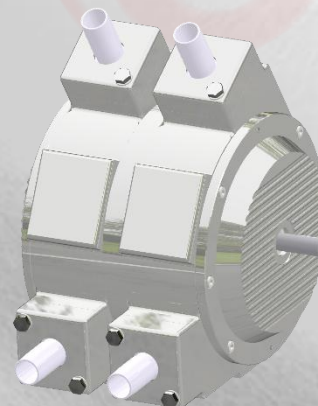
series NF2T

Dry Runner up to 2 bar

Sizes 15 | 27 | 35 | 50

for flow rates up to 24500 l/h

Hose material:
NR/NRF (FDA), CR



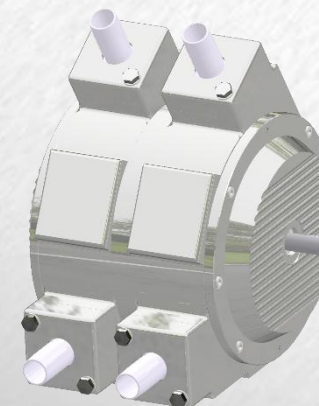
series NF4T

Dry Runner up to 4 bar

Sizes 15 | 27 | 35

for flow rates up to 10000 l/h

Hose material:
NR



series NF2T_FP

Dry Runner up to 2 bar

Sizes 19 | 30 | 35

for flow rates up to 7000 l/h

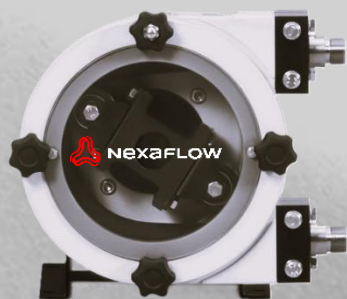
Hose material:
NEXAPRENE (FDA/EU)

Geometrically, the pump parts are compatible with the Ponndorf pumps, i.e. spare parts are completely replaceable.

PRODUCT OVERVIEW



Dry Runner UP TO 8 BAR / **Wet Runner** UP TO 15 BAR



series NF8

Dry Runner up to 8 bar

Sizes B10 | B13 |
B16 | B22

for flow rates up to 1150 l/h

Hose material:

NR, NBR, EPDM, CSM,
NBRF (FDA), NRF (FDA – available for Size B10 and B13)



series NF8

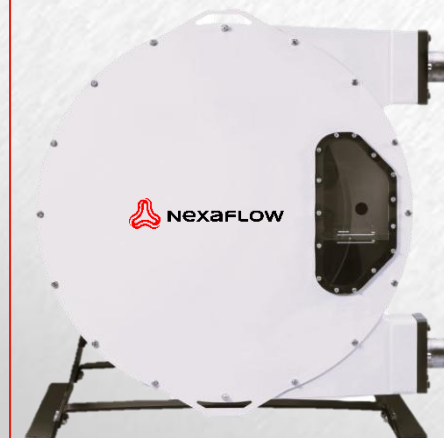
Dry Runner up to 8 bar

Sizes B30 | B40 |
B50 | B60 |
B70 | B80

for flow rates up to 42120 l/h

Hose material:

NR, NBR, EPDM, CSM,
NBRF (FDA), NRF (FDA – available for Size B50 to B70)



series NF15

Wet runner up to 15 bar

Sizes B25 | B32 |
B40 | B60 |
B80 | B100

for flow rates up to 48000 l/h

Hose material:

NR, NBR, EPDM, CSM,
NBRF (FDA),

The availability of a twin version (NF8T and/or NF15T) will be checked upon request.

SPECIAL FEATURES

NF2/NF4 series

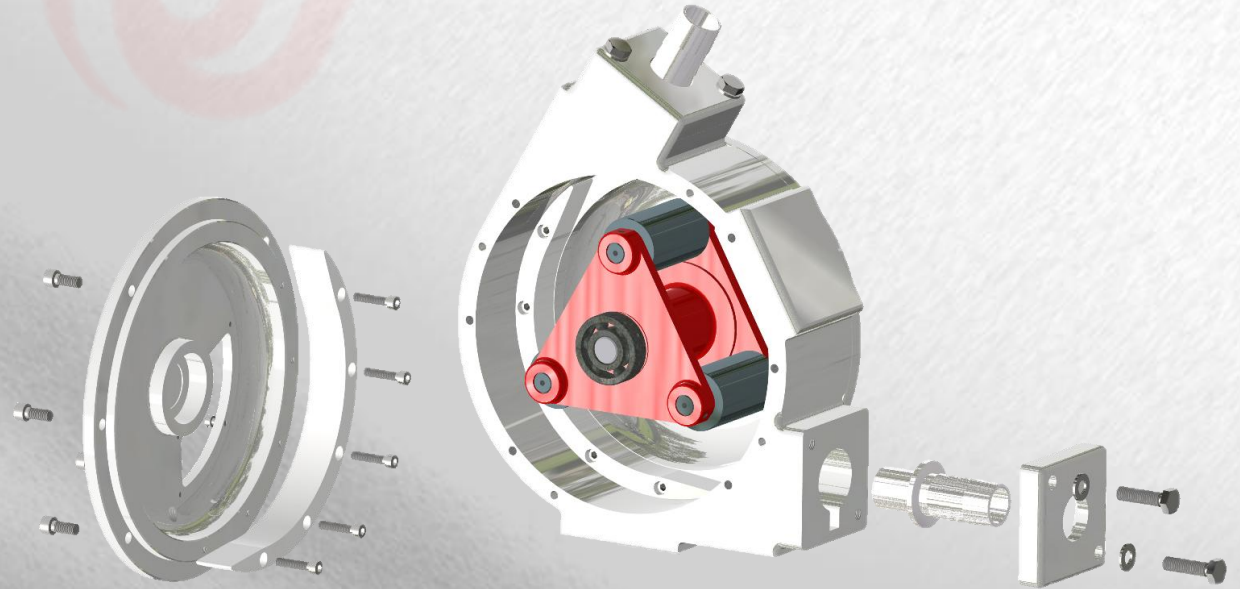


Low friction between rollers and hose

- ⌚ Low starting torque despite max. pressure up to 4 bar
- ⌚ 30-40% energy savings compared to the sliding shoe versions (wet runner)
- ⌚ Excellent hose life for low to medium pressure applications and very fast hose changes
- ⌚ No liquid lubricant (no recycling necessary)

SPECIAL FEATURES

NF2/NF4 series



Easy opening of the housing

- ⌚ Pump head does not need to be disassembled – quick unscrewing the pump cover
- ⌚ Easy and quick cleaning
- ⌚ Fast control of inner pump parts

SPECIAL FEATURES

NF2 series



Optimized hose design

- ⚡ Quick hose change-
Thanks to 2 snap closure rings (red), it is no longer necessary to reverse the direction of rotation when changing the hose



comparison

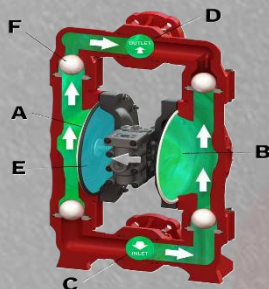
DIFFERENT PUMP SYSTEMS



Hose pump



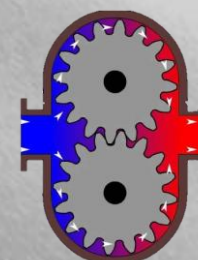
AODD pump



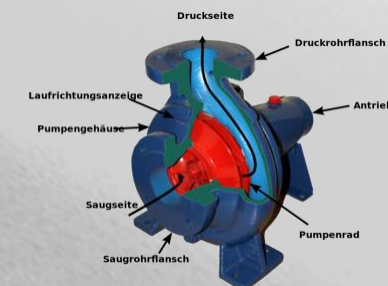
Progressing cavity pump (PCP)



Gear pump



Centrifugal pump



General advantages

comparison table



Criteria	Peristaltic pump	Air Operated Diaphragm Pump	Progressing cavity pump	Gear Pump	Centrifugal Pump
Safe to run dry	★★★★★	★★	★	★	×
Self-priming	★★★★★	★★★	★★★★	★★	×-★
Suitability for high viscosities	★★★★★	★★★	★★★★	★★	★
Suitable for solids	★★★★	★★	★★★	×	×-★
Dosing accuracy	★★★★★	★★	★★★	★★★★	★
Easy to maintain	★★★★	★★★	★	★★	★★★★
Low pulsation	★★★★	×	★★★	★★★★	★★★★★
Suitable for abrasive media	★★★★★	★★★	★★★	×	×

General advantages



QUICK CONCLUSION



Peristaltic pumps are particularly strong when the following requirements are met:

- ④ Abrasive, corrosive or sensitive media ✓
- ④ High viscosities ✓
- ④ Media with solids ✓
- ④ Precisely dosed or low-pulsation currents ✓
- ④ Easy maintenance ✓
- ④ Dry-running-proof operation ✓

APPLICATIONS

CHEMICAL INDUSTRY



Typical pumped media:



Acids,



Alkalis,



Suspensions



Advantage of peristaltic pumps



The medium only comes into contact with the hose



APPLICATIONS

PRINTING INDUSTRY



Typical pumped media:



Pigments,



Printing inks,



Flexographic Printing Inks



Advantage of peristaltic pumps



Easy cleaning and quick hose change



Excellent dosing of abrasive media



Low shear forces and no blistering
for an excellent printing result



APPLICATIONS

water / wastewater



Typical pumped media:



Sludges,



Milk of lime,



Flocculants



Advantage of peristaltic pumps



Excellent dosing of abrasive and highly viscous media



Self-priming



Low wear and tear

APPLICATIONS

PAPER INDUSTRY



Typical pumped media:



Polymers and additives,



Paper pulp,



Sizing agent



Advantage of peristaltic pumps



Precise and gentle dosing



Excellent dosing of highly viscous and solid-containing media



Low wear / low maintenance



APPLICATIONS

ceramics industry



Typical pumped media:



Ceramic slurry,



Glazes,



Suspensions



Advantage of peristaltic pumps



Excellent dosing of abrasive and highly viscous media



Easy cleaning / low maintenance



Self-priming



APPLICATIONS

FOOD INDUSTRY



Typical pumped media:



Bread, rolls and pasta doughs,



Chocolate, honey, juices



Seasoning oils



Advantage of peristaltic pumps



Gentle dosing



Easy to clean



Excellent dosing of highly viscous media



Self-priming



QUESTIONS



CONTACT DETAILS

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