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ARMATUREN BURKENSTEIN GMBH & CO. KG – ABTEILUNG SPANNELEMENTE –

D-90411 Nürnberg
Neumeyerstr. 13

Telefon: + 49 (0) 911/ 52 15 06 3
Telefax: + 49 (0) 911/ 52 24 40

E-Mail: noris@noris-armaturen.de
Internet: www.noris-armaturen.de

Accessories

Pump

NORIS

Series 920 / 930

Grease – Pump

Series 920

High pressure grease pump

HFP 920.01.400
HFP 920.01.700



Air - operated
High pressure grease pump

LHFP 920.12.600



Electric - operated
High pressure grease pump

EFP 920.23.400



Oil – Pump

Series 930

High pressure oil pump

HP 930.02.400
HP 930.02.700



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HEP 930.03.700



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High Pressure Grease Pump

HFP 920.01.400 / HFP 920.01.700

NORIS

Series 920



The heavy duty high pressure grease pump is used for professional actuating of hydraulic clamping elements with grease nipple.

The pump allows a max. clamp pressure of 400 or 700 bar.
A fixed adjusted relief valve avoids overload.

The perfect selected transmission ratio as well as precise lead of lever guaranteed a convenient working even at 700 bar pressure.

The pump is designed for the use of standardised grease cartridges of DIN 1284.

Clamp pressure can be read off the built-on swivelling pressure gauge.

Technical data and particular criteria:

Working pressure max. 400 bar or 700 bar
Test pressure 1000 bar
Fluid quantity per stroke 0,35 ccm
Pressure relief and grease feedback
Swivelling pressure gauge connection
Robust design
Precise pressure adjusting
Cylinder tube with chain
Convenient and safe working
Simple change of grease cartridge

Delivery contains:

1 x Metal bended pipe with HF coupling
1 x High pressure grease hose with HF coupling
1 x Pressure gauge with protection cap
2 x Grease cartridge with multi purpose grease
4 x Red follower cap for cartridge insert
1 x Transport box with foamed inlay

NORIS part no.:

HFP 920.01.400
HFP 920.01.700

Working pressure 0 - 400 bar
Working pressure 0 - 700 bar

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Air Pressure Grease Pump

LHFP 920.12.600

NORIS

Series 920



The air operated high pressure grease pump is used for clean and safe actuating of hydraulic clamping elements equipped with grease nipple.

The perfect seated center of pump allows a convenient one-hand operating.

The connected line-pressure multiplied with transmission ratio 60:1 determines the working pressure.

The air operated high pressure grease pump is meant for operation with standardised grease cartridges of DIN 1284.

By using the lever a controlled grease delivery is guaranteed an built-up pressure can be read precisely from the pressure gauge.

Technical data and particular criteria:

Working pressure max. 600 bar
Pressure transmission 60:1
Min. Air pressure 3 bar
Max. Air pressure 10 bar
Grease delivery per stroke 1,0 ccm
Air access plug nipple NW 7,2
One-hand operation
Robust design
Cylinder with plunger
Easy and safe operating
Easy change of grease cartridge

Delivery contains:

1 x Metal pipe equipped with coupling
2 x Grease cartridge
1 x Pressure gauge with protection cap
1 x Joining piece with pressure relief

NORIS part no.:

LHFP 920.12.600 Working pressure 0 - 600 bar

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Electric Pressure Grease Pump

EFP 920.23.400

NORIS

Series 920



The electric operated high pressure grease pump is used for clean and safe actuating of hydraulic clamping elements equipped with grease nipple.

The pump allows a max. clamp pressure of 400 bar.
A fixed adjusted relief valve avoids overload.

This design with electric power system allows a safe work from each plug socket.

The electric operated high pressure grease pump is meant for operation with standardised grease cartridges of DIN 1284.

By using the lever a controlled grease delivery is guaranteed an built-up pressure can be read precisely from the pressure gauge.

Technical data and particular criteria:

Working pressure max. 400 bar
Voltage 230 V AC
Fluid quantity per stroke 2,5 ccm
Pressure relief and grease feedback
One-hand operation
Robust design
Precise pressure adjusting
Cylinder tube with chain
Easy and safe operating
Easy change of grease cartridge

Delivery contains:

1 x Metal pipe equipped with coupling
2 x Grease cartridge
1 x Pressure gauge with protection cap
1 x Joining piece with pressure relief
4 x Red follower cap for cartridge insert

NORIS part no.:

EFP 920.23.400 Working pressure 0 - 400 bar

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High Pressure Oil Pump

HP 930.02.400 / HP 930.02.700

NORIS

Series 930



The powerful high pressure oil pump is used for professional operation of hydraulic clamping elements equipped with oil nipple.

The pump is designed for a clamp pressure of max. 400 bar or 700 bar.

A twin piston system provides low- and high pressure over the entire pump stroke and allows a precise lever guide as well as a convenience handling.

At pressure release oil returns back into reservoir.

The new pump generation material is light metal alloy and allows an easy work at horizontal, upright and with pump head to bottom position.

Clamp force can be read precisely from built- on pressure gauge.

Technical data and particular criteria:

Working pressure max. 400 bar or 700 bar
Effective oil volume 1000 ccm
Output per stroke HD 2,0 ccm
Pressure release with oil return in reservoir
Fixing holes at support feet
Robust design
Easy and safe handling
Easy oil filling
Light construction- Aluminiumtank

Delivery contains:

1 x Pressure gauge with protection cap
1 x Elbow fitting for hose connection G 1/4"

NORIS part no.:

HP 930.02.400	Working pressure 0 - 400 bar
HP 930.02.700	Working pressure 0 - 700 bar

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High Pressure One-Step Pump

HEP 930.03.700

NORIS

Series 930



The heavy duty air hydraulic high pressure one-step pump is used for professional operation of hydraulic clamping elements equipped with oil nipple.

The pump is designed for a clamp pressure of max. 700 bar.

The connected line-pressure multiplied with transmission ratio 100:1 determines the working pressure.

Pressure built-up and relief is controlled by using the foot pedal.
Oil returns back into reservoir.

The pump allows a convenient operation in horizontal and upright position.

Clamp pressure can be precisely read at built-on pressure gauge.

Technical data and particular criteria:

Working pressure max. 700 bar
Pressure transmission 100:1
Min. Air pressure 3 bar
Max. Air pressure 7 bar
Effective oil volume 1000cm
Pressure release with oil return in reservoir
Fixing holes at support feet
Robust design
Precise pressure adjusting
Easy and safe handling
Easy oil filling

Delivery contains:

1 x Pressure gauge with protection cap
1 x Elbow fitting for hose connection G 1/4"

NORIS part no.:

HEP 930.03.700 Working pressure 0 - 700 bar

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Accessories

Nipple / Coupling

NORIS

Series 920 / 930

for Grease – Pump

Series 920

High pressure grease nipple

HFN 820.01.700



High pressure grease coupling

HFK 821.01.700



for Oil – Pump

Series 930

High pressure oil nipple

HN 830.01.700



High pressure oil coupling

HK 831.01.700



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Accessories

Nipple / Coupling

NORIS

Series 820 / 821



High pressure grease nipple
HFN 820.01.700

max. working pressure: 700 bar
wrench size: SW 11
Thread: NPT 1/8"

Ordinary grease nipples are not applicable for high working pressure.
Conical capped end and spanner flat are inductive hardened and the complete high pressure nipple is copper plated.
Before use thread should be wrapped with TEFLON stripe.



High pressure grease coupling
HFK 821.01.700

max. working pressure: 700 bar
wrench size: SW 14
Thread: M 10 x 1

The 4- part claw allows easy connecting and disconnecting and preserves the high pressure grease nipple.
Up to inclination to 12° degree between nipple and coupling there ist 100% density.

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Accessories

Nipple / Coupling

NORIS

Series 830 / 831



High pressure oil nipple
HN 830.01.700

max. working pressure: 700 bar
wrench size: SW 24
Thread: M 16 x 1,5

The inductive hardened nipple head is made for long- life wear.
USIT ring M 16 and a thread- and connection cap is included in delivery.



High pressure oil coupling
HK 831.01.700

max. working pressure: 700 bar
wrench size: SW 40
Thread: G 1/4"

The coupling can be activated under pressure.
Pump pressure is similar to working pressure within clamping element.
Coupling can be used with hand craft.

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