

For Smooth Operations

Grease Supply Systems
AXKP and **AXFP**
with Lubrication Pump
AXSP

for **pumping**
medium to
high-viscosity
lubricants



ABNOX[®]
Lubrication & Metering Solutions

Lubrication Pumps **AXSP**

The Air-operated Lubrication Pump is the suitable solution with a modular design.

If requirements change, e.g. pressure ratios or delivery volumes, the lubricant pump can be refitted with minimal effort.

The principle:

In one go, simply and quickly uncouple the suction system from the air motor and replace it with a different suction system!

The Lubrication Pump offers the highest level of process reliability and delivers medium-viscosity to high-viscosity lubricants dependably and at constant pressure.

Available in various pressure ratios and lengths for all containers that are customary on the market up to 180 kg.



The various lengths and pressure ratios of the Lubrication Pump are provided on our website:
www.abnox.com

Type code for Lubrication Pumps **AXSP**

Lubrication pump AXSP - ... - - .. (V3.0)

Optional lubrication pump:

EV = Air release valve AXSP
00 = Without

Suction tube length:

L288 = Suction tube length 288 mm
L370 = Suction tube length 370 mm
L473 = Suction tube length 473 mm
L720 = Suction tube length 720 mm
L845 = Suction tube length 845 mm

Suction system:

D13 = Suction system D13 (60:1 ratio)
D20 = Suction system D20 (25:1 ratio)

Air motor:

S100 = Air motor S100

Can Pumps **AXKP (V3.0)** for fast processes

Height-locking mechanism

For fast container
change without risk
of contamination

AXKP1

basic model with follower plate

Follower plate with venting

We would be pleased to determine
the correct follower plate size for you.

Please specify the three container
dimensions below:

- **Inner Ø top**
- **Inner Ø bottom**
- **Container height**



AXKP1

for cartridges in accordance
with DIN 1284

**compact, efficient,
modern and
high-performance**



All technical data, information,
spare parts, accessories
and the animated film presenting
the function are provided on
our website:

www.abnox.com

Expansion options for Can Pumps **AXKP (V3.0)**



Option **AB**

Connection block with pressure gauge for display of outlet pressure and ball valve for air release



Option **EV**

Air release valve directly on the Lubrication Pump AXSP

Option **EB**

Connection block with pressure gauge for display of outlet pressure including option EV air release valve





Option **N**
Electrical refill and
empty signal



Option **L**
Acoustic
empty signal with
pump stop

Option **GZ**
Container centring



Option **DR1**
Pressure-reducing valve



Option **DR2**
Pressure-reducing valve
with maintenance unit

Type code for Can Pumps **AXKP**

Can pump

AXKP [] - [] - [] - [] - [] - [] - [] (V3.0)



Frame expansion option:

- GZ** = Container centring unit
- 00** = Without

Regulator expansion option:

- DR1** = Pressure reducing valve
- DR2** = Pressure reducing valve and air service unit
- 000** = Without

Pump expansion option:

- EV** = Air release valve AXSP
- AB** = Connection block with pressure gauge and ball valve for air vent
- EB** = Connection block with pressure gauge and with air release valve EV
- 00** = Without

Pneumatic signal expansion option:

- L** = Acoustic empty signal with pump stop
- E** = Electrical empty signal
- N** = Electrical refill and empty signal
- 0** = Without

Follower plate:

Item number according to applied container size

Pressure ratio:

- S25** = Pressure ratio 25:1
- S60** = Pressure ratio 60:1

Frame size:

- 1** = Container 1 to 5 kg / cartridge 400 g (DIN 1284)

Application example:

AXKP1-S25 with option **L-EV-DR1** and dosing valve **AXDV-C3-HG**



Drum Pumps **AXFP1 (V3.0)** for small containers / cartridges



AXFP1

The basic model with pump stop. When the level is low, the pump switches off and thus prevents air from being suctioned in!



All technical data, information, spare parts, accessories and the animated film presenting the function are provided on our website:

www.abnox.com

Expansion options for Drum Pumps **AXFP1 (V3.0)**



Option **EV**

Air release valve directly on the Lubrication Pump AXSP



Option **AB**

Connection block with pressure gauge for display of outlet pressure and with ball valve for air release



Option **EB**

Connection block with pressure gauge for display of outlet pressure including option EV air release valve



Option **L**

Control panel with acoustic empty signal

Type code for Drum Pumps **AXFP1**

Drum pump



AXFP [] - [] - [] - [] - [] - [] (V3.0)

Pump expansion option:

- EV** = Air release valve AXSP
- AB** = Connection block with pressure gauge and ball valve for air vent
- EB** = Connection block with pressure gauge and with air release valve EV
- 00** = Without

Electric signal expansion option:

- N** = Electrical refill and empty signal
- 0** = Without

Pneumatic signal expansion option:

- L** = Acoustic empty signal
- 0** = Without

Follower plate:

Item number according to applied container size

Pressure ratio:

- S25** = Pressure ratio 25:1
- S60** = Pressure ratio 60:1

Frame size:

- 1** = Container 1 to 5 kg / cartridge 400 g (DIN 1284)

Drum Pump **AXFP1** with **2-hand control** for **process-reliable conveyance** of medium-viscosity to high viscosity lubricants.

**Economical, reliable, safe,
flexible, maintenance
and service-friendly**

Drum Pumps **AXFP3 / AXFP4 (V3.0)** for containers up to 180 kg

AXFP3 / AXFP4 with modern control box including 2-hand control

With system, follower plate and
pump pressure display for adjusting
and checking the drum pump

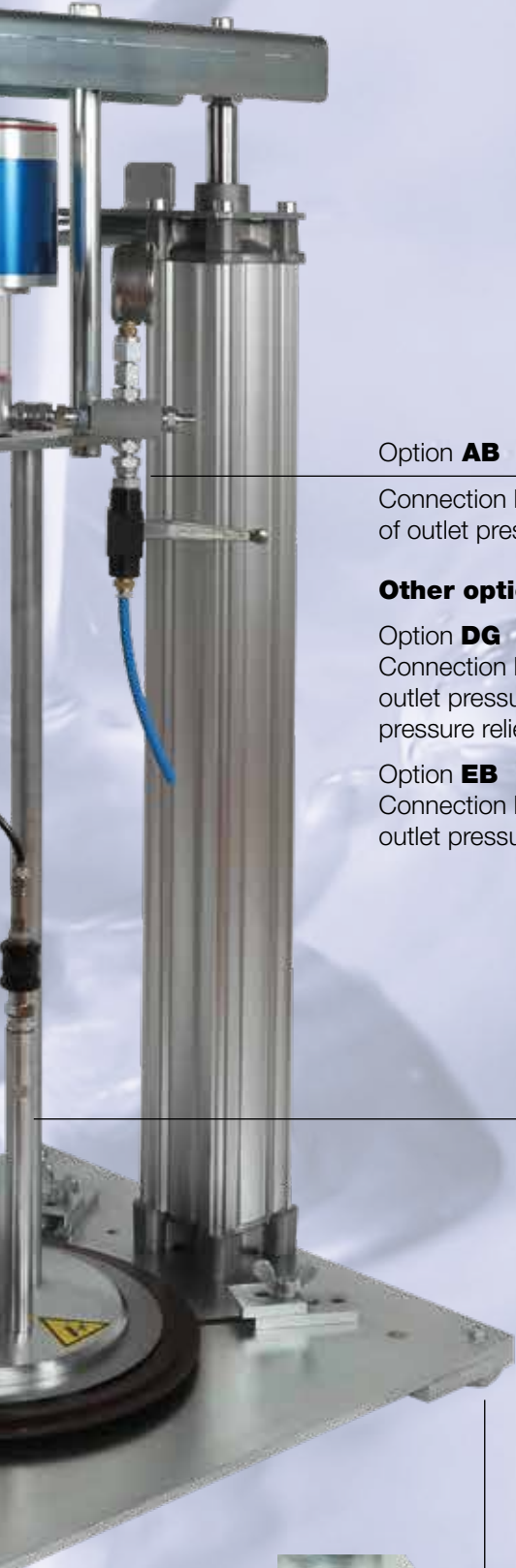
Option **L / G**

Acoustic refill and
empty signal



Option **LR**

With swivel castor



Option **EV**

Air release valve directly on the Lubrication Pump AXSP

Option **AB**

Connection block with pressure gauge for display of outlet pressure and ball valve for air vent

Other options (not shown):

Option **DG**

Connection block with pressure gauge for display of outlet pressure and ball valve for air release, including pressure relief

Option **EB**

Connection block with pressure gauge for display of outlet pressure including option EV air release valve

Follower plate

We would be pleased to determine the correct follower plate size for you.

Please specify the three container dimensions below:

- **Inner Ø top**
- **Inner Ø bottom**
- **Container height**



Option **SF**
With stand

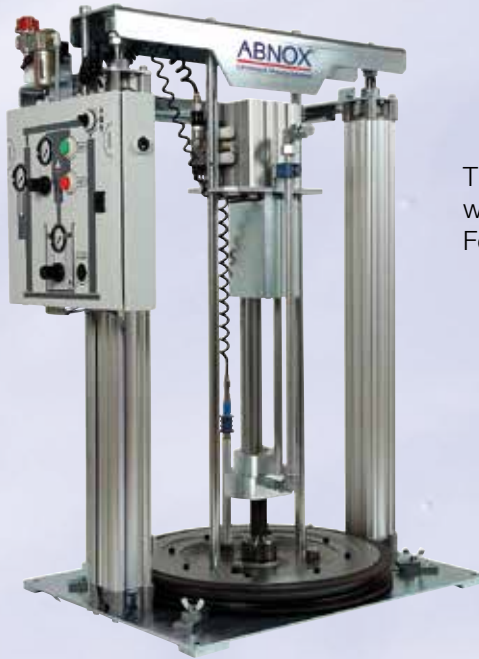


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Drum Pumps for large flow rates

AXFP3 MAXI / AXFP4 MAXI



The **high performance Drum Pump AXFP MAXI** with high delivery capacity.
For **containers up to 180 kg.**

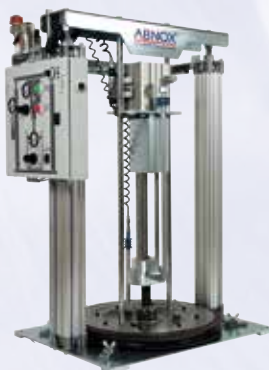


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Type code for Drum Pumps **AXFP3 / AXFP4**

Drum pump

AXFP [] - [] - [] - [] - [] - [] (V3.0)



Frame expansion options

- SF** = Pedestal
- LR** = Swivel castor
- 00** = Without

Pump expansion option:

- EV** = Air release valve AXSP
- AB** = Connection block with pressure gauge and ball valve for air vent
- EB** = Connection block with pressure gauge and with air release valve EV
- DG** = Connection block with pressure gauge, ball valve for air vent and pressure relief
- 00** = Without

Pneumatic signal expansion option:

- L** = Acoustic empty signal
- G** = Acoustic refill and empty signal
- 0** = Without

Follower plate:

Item number according to applied container size

Pressure ratio:

- S25** = Pressure ratio 25:1
- S60** = Pressure ratio 60:1
- M20** = Pressure ratio 20:1 MAXI ③
- M40** = Pressure ratio 40:1 MAXI ③
- M60** = Pressure ratio 60:1 MAXI ④

Frame size:

- 3** = Container up to 50 kg
- 4** = Container up to 180 kg
- ③ Available for frame size 3 (50 kg)
- ④ Available for frame size 4 (180 kg)

Twin Drum Pumps **2xAXFP (V3.0)** for containers 50 to 180 kg



The perfect solution:
Drum change without interrupting lubricant delivery!
Automatic changeover to the second container when the first container is empty.



All technical data, information, spare parts, accessories and the animated film presenting the function are provided on our website:
www.abnox.com

Type code for Twin Drum Pumps **2xAXFP**

Twin drum pump 2xAXFP [] - [] - [] - [] - [] - [] (V3.0)

Frame expansion options:

- SF** = Pedestal
- LR** = Swivel castor
- 00** = Without

Pump expansion option:

- EV** = Air release valve AXSP
- AB** = Connection block with pressure gauge and ball valve for air vent
- EB** = Connection block with pressure gauge and with air release valve EV
- DG** = Connection block with pressure gauge, ball valve for air vent and pressure relief
- 00** = Without

Pneumatic signal expansion option:

- L** = Acoustic empty signal
- G** = Acoustic refill and empty signal
- 0** = Without

Follower plate:

Item number according to applied container size

Pressure ratio:

- S25** = Pressure ratio 25:1
- S60** = Pressure ratio 60:1
- M20** = Pressure ratio 20:1 MAXI ③
- M40** = Pressure ratio 40:1 MAXI ③
- M60** = Pressure ratio 60:1 MAXI ④

Frame size:

- 3** = Container up to 50 kg
- 4** = Container up to 180 kg

- ③ Available for frame size 3 (50 kg)
- ④ Available for frame size 4 (180 kg)

Drum Pumps **AXFP-Light (V3.0)** for containers 25 to 180 kg



The **cost-efficient** Drum Pump **AXFP Light** with 1-hand control.
For containers **up to 180 kg**.



All technical data, information, spare parts, accessories and the animated film presenting the function are provided on our website:
www.abnox.com

Type code for Drum Pumps **AXFP-Light**

Drum pump

AXFP [] - [] - [] - [] - [] - [] -Light (V3.0)

Frame expansion options

- SF** = Pedestal
- LR** = Swivel castor
- 00** = Without

Pump expansion option:

- EV** = Air release valve AXSP
- AB** = Connection block with pressure gauge and ball valve for air vent
- EB** = Connection block with pressure gauge and with air release valve EV
- 00** = Without

Pneumatic signal expansion option:

- L** = Acoustic empty signal with pump stop
- E** = Electric refill and empty signal
- 0** = Without

Follower plate:

Item number according to applied container size

Pressure ratio:

- S25** = Pressure ratio 25:1
- S60** = Pressure ratio 60:1

Frame size:

- 2** = Container up to 25 kg
- 3** = Container up to 50 kg
- 4** = Container up to 180 kg

Drum Pumps **AXFP-Slim (V3.0)** for containers up to 25 kg



Reduced **to the essential**,
Drum Pump **AXFP-Slim** with 1-hand control.
For containers **up to 25 kg**.

Type code for Drum Pumps **AXFP-Slim**

Drum pump

AXFP [] - [] - [] - [] - [] - [] - Slim (V3.0)

Frame expansion options

- [SF] = Pedestal
- [LR] = Swivel castor
- [00] = Without

Pump expansion option:

- [EV] = Air release valve AXSP
- [AB] = Connection block with pressure gauge and ball valve for air vent
- [EB] = Connection block with pressure gauge and with air release valve EV
- [00] = Without

Pneumatic signal expansion option:

- [L] = Acoustic empty signal with pump stop
- [E] = Electric refill and empty signal
- [0] = Without

Follower plate:

Item number according to applied container size

Pressure ratio:

- [S25] = Pressure ratio 25:1
- [S60] = Pressure ratio 60:1

Frame size:

- [2] = Container up to 25 kg

For Smooth Operations



Lubrication technology

Manual, electric and pneumatically activated lubricating and decanting equipment for delivering greases and oils.



Metering technology

Metering valves, control elements, part-specific applications.



Grease Supply

Compressed air and electrical grease supply systems and pumps for supplying medium-viscosity to high-viscosity lubricants.



Clamping technology

High pressure one-hand and hand lever pumps, high pressure valves, pneumatic and electrical high pressure pumps, clamping systems.



Customised solutions

Development according to customer requirements for metering and greasing systems, from equipment and machines to clamping and releasing of tools and workpieces.



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