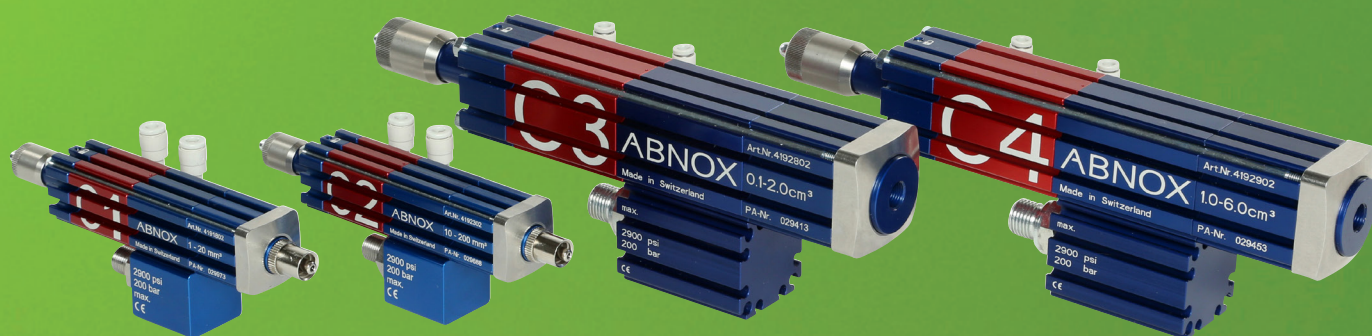


For Smooth Operations

The Top **C** of
Metering Technology

Metering Valves
C Series



ABNOX[®]
Lubrication & Metering Solutions



**HENNlich
ŽIJEME TECHNIKOU**

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Dolní 183/30, 591 01 Žďár nad Sázavou

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www.hennlich.cz/cema-tech

The C Series from A to Z

With the C series, ABNOX has created an absolutely new generation of metering valves. The most essential objective of our development work was a product characteristic elaborate from A to Z with top values for all relevant criterias to improve the benefits to our customers in all aspects.

R like Repeat Accuracy

The locking feature with a hexagon socket screw and the volumetric functional principle guarantee that the initially set lubricant quantity will be exactly maintained over the length of time.

M like Metering

The set screw allows for the infinitely variable setting of any desired metering quantity, depending on the valve dimensions, within a range of 1 mm³ to 6 cm³. The C series is designed for oil and lubricant of NLGI class 0 to 3.

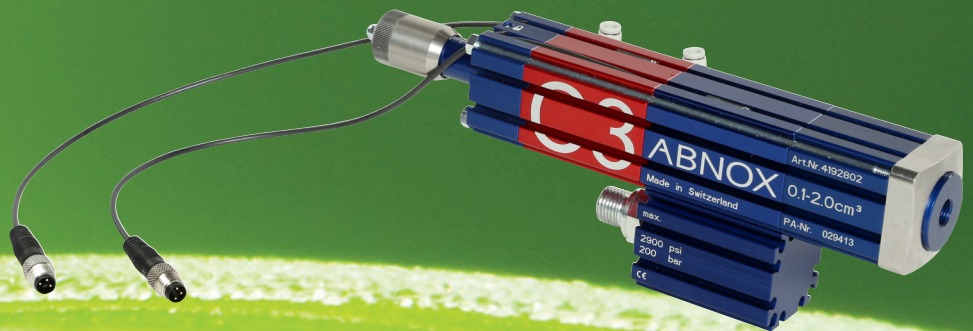
Q like Quality

Quality and dependability are features in which we make a big point in the development and manufacturing of the C series as well as of all ABNOX products. Inlet pressures up to a maximum of 200 bar and lubricants that include solid particles can be sustained for a long life cycle without any problems.



P like Process Reliability

The new C series present the ABNOX principle to the point. The combination of utmost quality, exact metering and maximum cost effectiveness provides a real additional benefit for the customer – maximum possible process reliability for a very long time.



F like Flexibility

The metering valves of the C series will always work dependably and exactly in any desired position. The included T-nuts allow any options for assembling. For manually operated applications ergonomically shaped handles are provided.



T like Tidiness

The retraction effect of the grease piston reliably avoids dripping from the nozzle even with the lowest lubricant quantities. No waste of lubricants will occur – all machine parts will remain clean.

S like Servicing

Efficiency is also a matter of the machine running time. This is the reason why the C series has been consequently designed to result a minimum maintenance effort. Due to the elaborate design all parts can be dismantled and installed in no time.

 **MADE IN
SWITZERLAND**

ABNOX Metering Valves for perfect metering accuracy.

Your advantages:

- Precise and accurately positioned application
- Perfect metering accuracy
- Exact and highly repeatable metering
- Fast and clean greasing of your components
- Can be deployed everywhere
- Flexibility – also for manual applications with handle
- Long service life
- Minimal maintenance costs



The metering valves of the C series



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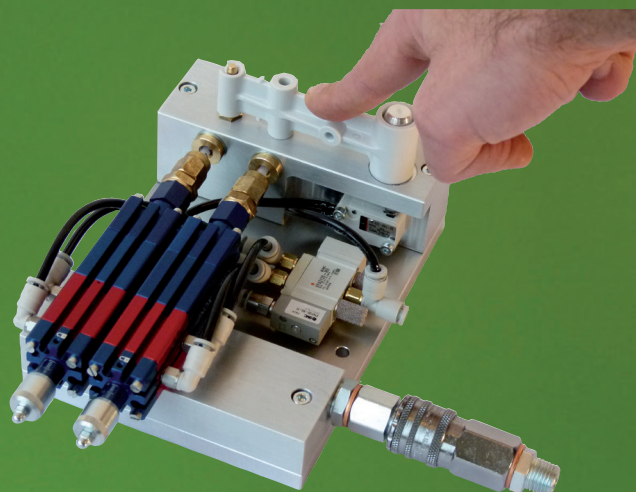


**„A customer solution for every application!
Matched perfectly to your requirements.“**

ABNOX develops and manufactures application systems for customized greasing of your components.

Your advantages:

- Proven technology
- Cost-optimized solutions
- Versatile application methods
- Targeted and precise application of the lubricant
- Extremely clean
- Shorter and faster process
- Savings through low material consumption



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SWITZERLAND**



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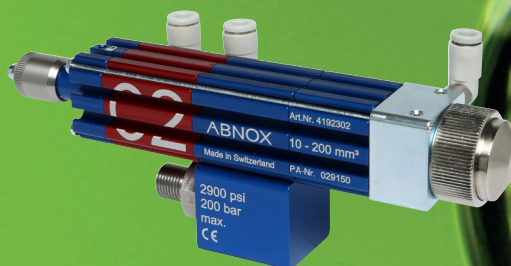
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Retrofittable Spray Nozzles SPK

Art.-No. 0004179 Spray Nozzle
SPK1-RS-0.5 for
AXDV-C1/-C2

Art.-No. 0004180 Spray Nozzle
SPK2-RS-0.5 for
AXDV-C3/-C4

The pneumatically actuated spray nozzle SPK can be retrofitted with any of our proven C-Series Metering Valves. Every spray cycle with exactly the same amount of grease or oil, pressure rated up to 200 bar.



Process reliability „sensor“

Art.-No. 0001220 sensor for grease
piston scanning



The new m

Metering volume

Handle HG

only for C3 and C4



Handle SV

only for C3 and C4



Handle PN

only for C1 and C2



Metering valve systems



You will find all technical data, information and accessories (metering pin set, nozzles, adapters, etc.) on our website: **www.abnox.com**

metering valves **AXDV-C**

Metering ranges

C1
1 - 20 mm³



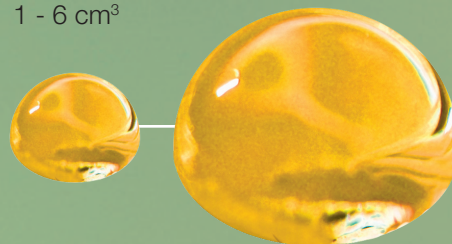
C2
10 - 200 mm³



C3
0,1 - 2 cm³



C4
1 - 6 cm³



Metering valve AXDV – **C** ☐ – ☐

Type:

- ☐ = Mountig block
- PN** = Handle with pen (only for C1 and C2)
- HG** = Horizontal handle (only for C3 and C4)
- SV** = Vertical handle (only for C3 and C4)

Metering volume (version):

- 1** = 1 to 20 mm³
- 2** = 10 to 200 mm³
- 3** = 100 to 2'000 mm³ (0,1 to 2,0 cm³)
- 4** = 1'000 to 6'000 mm³ (1,0 to 6,0 cm³)

Valve type **C** slot



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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 moderately to highly viscous 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 work pieces.

Please order our current information material or visit our website.

ABNOX®

Lubrication & Metering Solutions



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