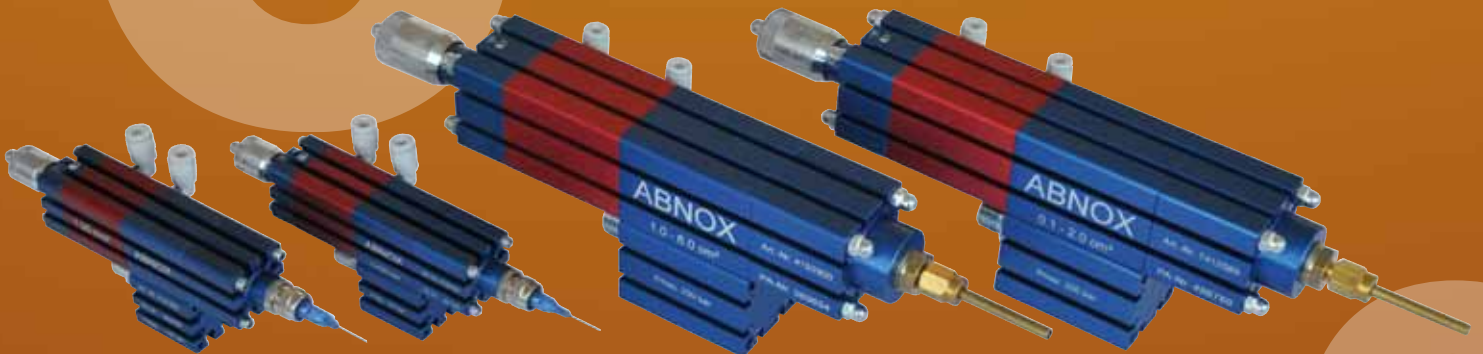


The Top **C** of
Metering Technology



Metering Valves
C Series



ABNOX[®]

High Pressure Hydraulic & Lubrication

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.





F like Flexibility

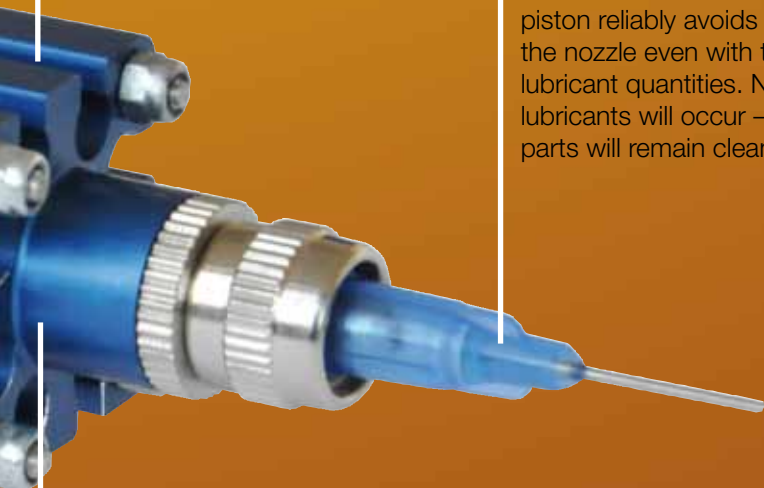
The metering valves of the C series will always work dependably and exactly in any desired position. The included T-nuts allow any options for assembling. For manually operated applications ergonomically shaped handles are provided.

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.

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.



The new met

Metering volume



The metering valves of the C series

Metering valve systems



Process reliability „sensor“

Art.-No. 0001220 sensor for grease piston scanning



**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:

□ = Mounting 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

Handle HG

only for C3 and C4



Handle SV

only for C3 and C4



Handle PN

only for C1 and C2



ABNOX Business Segments



Manually, electrically and pneumatically operated lubricating and filling devices for the conveyance of greases and oils



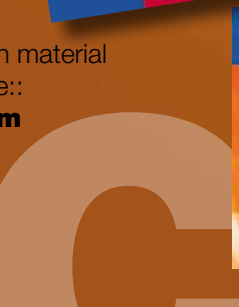
Metering valves, control elements, part-specific applications



Pneumatic and electrical grease supply systems and pumps for the conveyance of lubricants with medium to high viscosity



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



Development of dosing and greasing systems, of fixtures and machines for the fixing and loosening of tools and parts

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