

AXDV-C3 (V3.0)

4192802

Model AXDV-C3 (V3.0)

Construction Standard

Type

Version 0.1 - 2.0 cm³



Description

Ultimate process reliability at uniformly and clean application of lubricants – made possible by the new ABNOX Valve AXDV-C3. It allows accurate placing of minute quantities of your complex lubricant on your device. Precise and clean application at high repeatability means permanent saving of your expensive lubricant!

Sensors to monitor the position of the grease piston may be retrofitted at any time. They increase the effectivity and reliability of the greasing operation, and allow improved control over your production and assembly process!

The electronic position switch is available as accessory, Art.No. 0001220. It may be attached to the grooves of the metering valve by means of an attachment screw in a continuously variable position. Furthermore, the operation display (LED) indicates the end position of the grease piston. To achieve highest process reliability, ABNOX recommends the use of position switches on both end positions.





AXDV-C with 1 sensor and 2 sensors

Function Animated Movie Metering Valves AXDV-C

The volumetric metering valve has a continuously screw-adjustable dosage chamber, as well as an integrated pneumatic cylinder to control the dosage pin.

As a new feature, a hexagon key wrench with hex. 2.00 mm (included in scope of supply) is now used to lock the adjustment screw. Accidental misadjustment of the dosage volume is therefore a matter of the past.

For external control, a simple pneumatic 5/2-way valve is required.

ABNOX metering valves are equipped with modern seals and Glydrings, they warrant a long lifespan even at operating pressures as high as 200 bar.

Besides metering valves for various dosage volumes, ABNOX provide suitable conveyor pumps and

ancillary equipment for complete solutions to your lubrication process. With the standard nozzles ABNOX Ltd. constructs specific customised application nozzles which can be directly screwed to metering valve (connection internal thread 1/8" BSP).

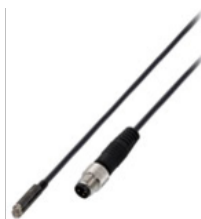
Spare Parts:

Description	Article-No.
Seal Kit	0001746



You will find more information in the downloads section under "Spare Parts List"

Upgrading options	Art.No.	Quantity
Cylinder switch	0001220	1 piece



Art.No. 0001220 Cylinder switch

Upgrading options	Art.No.	Quantity
Dispensing Tip Adapter 1/8" BSP with LUER-Connection	0001476	1 Piece



Art.No. 0001476 Dispensing Tip Adapter 1/8" BSP with LUER-Connection

Upgrading options	Art.No.	Quantity
Dispensing Tip Set for LUER-Connection	0001418	1 piece



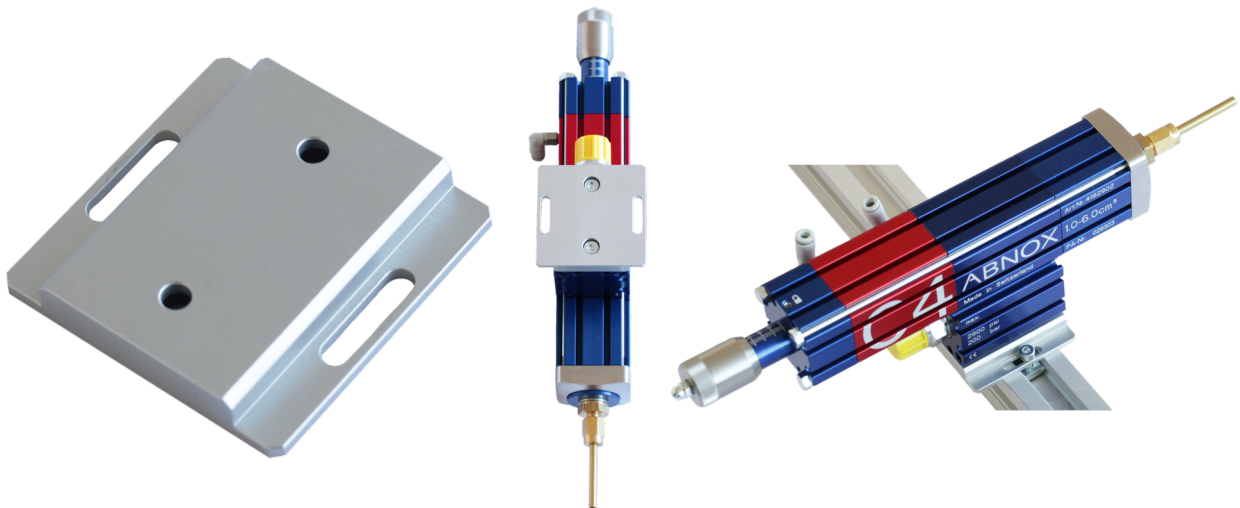
Art.No. 0001418 Dispensing Tip Set for LUER-Connection

Upgrading options	Art.No.	Quantity
Nozzle with plastic insert ID 2 / AD 4 1/8" BSP	4857400	1 Piece



Art.No. 4857400 Nozzle with plastic insert 1/8" BSP

Options / Accessoires	Art.No.	Quantity
Connecting plate for Metering Valves AXDV-C3 and C4	0005610	1 Piece



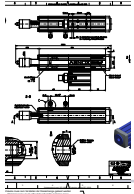
Art.No. 0005610 Connecting plate

Technical Data

	4192802
Model	AXDV-C3 (V3.0)
Construction type	Standard
Dispensing range (ccm)	0.10 - 2.00
Weight (kg)	0.73
Connection (medium) internal thread P	1/4" BSP
Connection (Medium) External Thread P	1/4" BSP
Connection (compressed air) internal thread	M3 for hose ø4/2
Pressure output A	1/8" BSP
Fastening thread	M4
Min. / Max. inlet operating pressure [bar]	20 / 200
Min. operating air pressure (bar)	5.0
Optimum operating air pressure (bar)	6.0
Max. operating air pressure (bar)	7.0
Specification for operation medium	Lubricants up to NLGI 3 / max. 1'000'000 m Pa.s

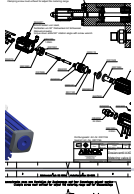


Downloads



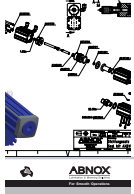
Dimensioned Sketch

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Spare Parts List

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Seal Kit

Download PDF, 1.3 MB



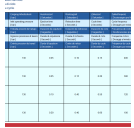
Operating Manual

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3D-Data

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ABNOX Metering valve - Cycle time



Download PDF, 0.2 MB

