

AUTOMATIC CONDENSATE DRAIN – AOK16B



DESCRIPTION

AOK16B has been developed for fully automatic discharging of condensate or any other non-aggressive fluid from compressed air⁽¹⁾ system. AOK16B is easy to install inside to the filter housing. The drain can run in three different ways. Automatic action- condensate accumulates in the filter housing and when the level is high enough condensate is being automatically discharged from the system. Servo acting valve is operated by precise level controlled floater which assures reliable and efficient operation. Semi-automatic action- when the pressure in system drop under the 0,1 bar the condensate drain opens and venting all accumulated condensate. Manual action- condensate can be drained off by push up lower brass part of the drain.

APPLICATIONS⁽²⁾

- Cyclone condensate separator
- Air filter

⁽¹⁾For any other technical gas please contact us or your local dealer

⁽²⁾AOK16B can be used in variety of applications. For applications not listed please contact us or your local dealer.

TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating pressure	0 - 20 bar(g)	0 - 290 psi
Optimal/Recommended operating pressure ⁽³⁾	1,5 - 16 bar(g)	22 – 232 psi
Minimum automatic acting pressure	0,3 bar (g)	4,3 psi
Operating media	Condensate (air, water, oil); Non-agressive	
Connection	G ½"	
Discharge connection	Ø8mm	
Weight	0,04 kg	
Valve type	Servo acting, (Normally closed ⁽⁴⁾⁽⁵⁾)	

⁽³⁾Automatic action

⁽⁴⁾At minimum automatic acting pressure or higher

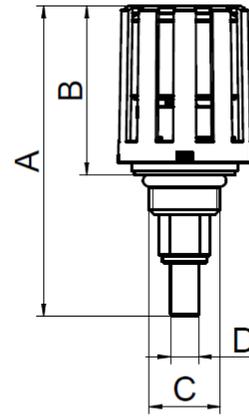
⁽⁵⁾Leakage (at 1,5 bar): 500cm³ air/hour (at higher pressure leakage decreases)

MATERIALS

Housing material	PA6 (Polyamide) 30% glass fibres, Brass, Steel
Sealing	NBR

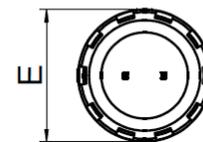
DIMENSIONS

A	90±1 mm
B	49,5 mm
C	G1/2"
D	8,2mm
E	38,5mm



**PRESSURE EQUIPMENT DIRECTIVE PED 97/23/CE
(Fluid group 2)**

Product type	Category, module
AOK16B	Not required



MAINTENANCE

Once per month make a visual check of the drain and make sure there is no visual damage or leakage. Clean interior of the filter housing regularly. Intervals of cleaning depend on contamination of condensate. Replace the sealings if necessary.

Condensate discharged from compressed air system contains significant amounts of lubricant oil. We strongly recommend connecting AOK16B to oil water separator. In most countries content of oil in waste water is regulated by law.

INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE

	Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2008 Reg. number: 200285	
---	--	--