Technical Data Sheet



Description			
Description	90 AX		
Part Number	10108408		
Marking according to EN	AX		
Conditions of use	 organic gases and vapors w low-boiling organic compound of groups 1 and 2 		
Colour code	brown		90 AX 10108408 Gasther Gasthe
abels	-		Castler Cas
UN HART STRADUL AX HANGE ITHICOLL AX FOOT P 12 ATEAP AX FOOT P 14 ATEAP AX FOOT P 14 ATEAP AX	CE 0121	AX maste	C €0121
			((0)2)
Characteristics			
Veight [g]	230		
Diameter [mm]	107		
Height incl. thread [mm]	75		
Connection	EN 148 - 1		
Breathing Resistance			
	at	EN 14387 requirements	Typical values
	30 I / min	1,40 mbar	0,90 mbar
	95 I / min	5,60 mbar	3,80 mbar
Concentration of Testing Gases			
Class 1	1000 ppm [0,1 Vol%]		
Class 2	5000 ppm [0,5 Vol%]		
Performances			
Filter type and class	Gases of reference	EN 14387 requirements	Typical values
AX	dimethyl ether [CH ₃ OCH ₃]	50 min [at 0,05 Vol%]	75 min
	isobutane [C ₄ H ₁₀]	50 min [at 0,25 Vol%]	75 min
Material			
Housing	aluminium		
Filtering material	impregnated activated carbon		
Details/Special Bagylations			
Details/Special Regulations Against the low boiling compounds of groups 1	1 and 2 gas filters AV assorting t	to EN 14297 must be used. Th	a following maximum
concentrations and usetimes apply:	Tand 2 gas mers AA according t	to EN 14367 must be used. In	e following maximum
low boiling compounds group	max. concentration [ml/m ³]	max. usetime [min]	<u>i</u>
	100	40	
1	500	20	
	1000	60	
2	5000	20	
For low boiling compounds of group 3 protection		n AX [e.g. type B or K],	*
for low boiling compounds of group 4 gas filters			
AX filters may also be used as A2 filters. In this	s case however, they shall not be	e used against low boiling com	pounds.
 Use of AX filters against mixtures of low boiling is not permitted because desorption effects ma 		poiling compounds and other o	rganic compounds
	x occur.		