

Technical Data Sheet



Description

Description 93 Reaktor B/St

Part Number 10115318

Marking according to EN A2, B2, E1 - P3

Conditions of use

- organic gases and vapors with a boiling point > 65° C
- inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide
- sulfur dioxide, hydrogen chloride and other acid gases
- radioactive methyl iodide and radioactive particles

Colour codes

orange
brown
grey
yellow
white



Labels



Characteristics

Weight [g] 285

Diameter [mm] 107

Height incl. thread [mm] 78

Connection EN 148 - 1

Breathing Resistance

	at	EN 14387 requirements	Typical values
	30 l / min	2,6 mbar	1,70 mbar
	95 l / min	9,8 mbar	6,50 mbar

Concentration of test gases

- EN 14387

Class 2 5000 ppm [0,5 Vol.-%]

Class1 1000 ppm [0,5 Vol.-%]

DIN 58621-Reaktor

	DIN 58621-Reaktor requirements	Typical values
radioactive methyl iodide	filtration efficiency: 99,9 %.	> 99,9999 %

Performances

Filter type and class	Gases of reference	EN 14387 requirements	Typical values
A2	cyclohexane [C ₆ H ₁₂]	35 min	60 min
B2	chlorine [Cl ₂]	20 min	50 min
	hydrogen sulfide [H ₂ S]	40 min	60 min
	hydrocyanic acid [HCN]	25 min	50 min
E1	sulfur dioxide [SO ₂]	20 min	> 60 min
Filter type and class	Particles of reference	EN 143 requirements	Typical values
P3	sodium chloride [NaCl]	0,05%	> 0,01%
	paraffin oil	0,05%	> 0,01%
R	Reusable according EN 143:2000/A1:2006		
D	Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387:2008		

Material

Housing	aluminium
Cover (particle filter)	polypropylene
Filtering material	filtering paper / impregnated activated carbon

Details/Special Information

Storage conditions & time - 5 °C to + 50°C, < 90 % r. h. 6,0 years