

Product Information Sheet



Product: HCS1114NBEM

1. General Information

Type of Product	:	V-Banked Turbulent Flow HEPA Filter
Filter Frame	:	Stainless Steel
Spacer	:	Hotmelt
Bonding	:	2 Component Polyurethane
Gasket	:	Frothed Polyurethane
Grid	:	No Grid
Flange	:	No Flange

2. Technical Information Filter Media

Type of Filter Media	:	100% high efficiency micro glass fiber paper
Media Structure / Bonding	:	Borosilicate glass microfibers with an acrylic resin binder
Base Weight	:	78 g/m ²
Thickness	:	0.35 mm
Flammability (acc. DIN 53438)	:	n.a.

3. Technical Specification Filter

Product	:	HCS1114NBEM
Dimensions (BxHxD)	:	305x610x292 [mm]
Surface Area	:	20,2 [m ²]
Volume Air Flow	:	2000 [m ³ /h]
Air Velocity	:	2,99 [m/s]
Media Velocity	:	0,03 [m/s]
Efficiency at MPPS	:	≥ 99,995 [%]
Initial Pressure Drop	:	280 [Pa]
Final Pressure Drop	:	500 [Pa]
Filter Classification	:	H14 acc. EN1822
Maximum Temperature	:	70 [°C]
Maximum rel. Humidity	:	90 [%]

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notice. Specific performance data will require our written confirmation.

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