VLS Technologies S.r.l.
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HOLLOWFIBER MODULE FOR MICROFILTRATION

Module Type: C- MF 020-015 MI 168-1060 RP / Steel 2.650

• Bucher FX Crossflow Filters Application



Complete stainless steel module



Header and PES hollow fibers detail (0.2 µm)

HOUSING PROPERTIES	
Length [mm]	1.060
Diameter Housing [mm]	168
Material Housing	Stainless Steel

MEMBRANE PROPERTIES	
Membrane Area [m²]	11.8
Membrane Material	PES, hydrophilic
Pore Size [µm]	0.2
Fiber Diameter [mm]	1.5
Number of Fibers	2,600

OPERATING CONDITIONS	
Max. Operating Pressure [bar]	5.0
Min. Outlet Pressure [bar]	1.0
Max. Permeate Pressure [bar]	2.5
Operating Temperature [°C]	5 – 45
Max. Cleaning Temp. (pH 2 or 12.5) [°C]	65
Continuous pH (25°C)	3.0 – 12.0
Cleaning pH (65°C)	2.0 – 12.5

CROSSFLOW & ADDITIONAL INFORMATION	
Crossflow at 1 m/s [m³/h]	15.3
Crossflow at 2 m/s [m³/h]	30.5
Crossflow at 3 m/s [m³/h]	45.8
Crossflow at 4 m/s [m³/h]	61.1
Required Prefiltration [µm]	≤ 500
Weight dry / filled with water [kg]	14.5 / 40
Max. Chlorine Tolerance [ppm·hr]	250,000

STORAGE CONDITIONS & UNACCEPTABLE CHEMICALS	
Storage Conditions	Frost protected, dark, dry, cool and packed
Unacceptable Chemicals	Silicone, polar organic solvents, organic esters and ethers, ketones

In case of special application conditions, please consult for advice. Subject to Alterations.
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