



MODULE SPECIFICATIONS

Module length	A:	1040 mm
Permeate port protrusion	B:	112 mm
Permeate port lateral recess	C:	125 mm
Feed connector, DIN 2633	D:	150 NW
Thread, male, DIN11851	E:	65 * 1/6"

PERFORMANCE DATA

parameter	unit	MF02 M2 LE	remarks
Transmembrane pressure	kPa	-300.....+300	
pH feed		2 - 12	
Chlorine exposure	ppm.h	250000	500 ppm max. at 0 - 40 °C
Temperature	°C	1 - 90	

OPERATING SPECIFICATIONS

maximum system pressure [kPa]	maximum transmembrane pressure [kPa]	maximum backflush pressure [kPa]	maximum operating temperature [°C]
at 20 °C: 1000	at 0 - 50 °C: 300	at 0 - 30 °C: 200	80
at 65 °C: 600	at 50 - 65 °C: 200	at 30 - 40 °C: 15 0	
at 80 °C: 400	at 65 - 80 °C: 100	at 40 - 65 °C: 10 0	
		at 65 - 80 °C: 50	

final maximum operating limits are determined by the lowest values of the membrane and module pressure and temperature specifications (see also membrane data sheet) !

- Backwash water should be free of particulates and should be of permeate quality or better.
- Backwash pumps should be made of non-corroding materials: plastic or stainless steel. If compressed air is used to pressurize the backwash water, do not allow a two-phase air/water mixture to enter the module.
- To avoid mechanical damage, do not subject the membrane module or element to sudden temperature changes, particularly decreases. Do not exceed 80 °C process temperature. Bring the module or element back to ambient operating temperature slowly (typical value 1 °C/min). Failure to adhere to this guideline can result in irreparable damage.

PROCESS CHARACTERISTICS

module type	membrane diameter [mm]	cross-flow flow rate (*) [m ³ /h]	pressure-drop across module at 1 m/s [kPa]	pressure-drop across module at 2 m/s [kPa]
R-100 RVS	1.5	13.7 x v	14	56

(*) superficial velocity (v) in m/s



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Membran filter X-Flow R-100

Dette dokument er vejledende
 Der tages forbehold for fejl.
 This document is only guiding.
 We make reservation for possible errors

Alle mål i mm.
 Measures in mm

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