

Product Description

Membrane material	Polysulfone
Membrane type	RM33PS with proteins
Design	molecular weight cut-off (MWCO) of over 50,000 Daltons
Features	Spiral wound Shrink film-wrapped (-F)

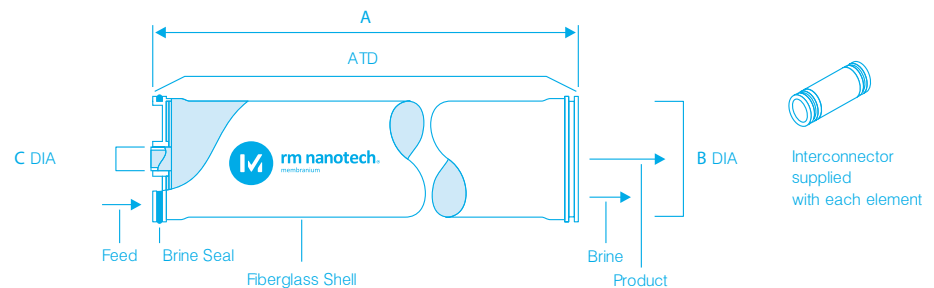
Specification

Test conditions:
0,1% solution of
myoglobine (17 kDa) in
0,9% solution of NaCl,
P=0,1 MPa, T=25°C.
Recovery -15%
Membrane's specific
flow by demineralized
water (SDI<1) is min.
240 l/(hr*m2*0,1 MPa)

Model	Rejection by protein*, %	Area		Spacer	
		m2	ft2	mm	mil
8040-F50-1	98*	39	420	0,71	28
8040-F50-2	98*	37	400	0,79	31
8040-F50-3	98*	35	375	0,86	34

Operating conditions

Recommended operation pressure, MPa	0,2-1,5
Maximum operation pressure, MPa	2,1
Maximum pressure drop, MPa	0,1
Operation temperature, °C ¹⁾	4-50
pH at operation ¹⁾	2-12
CIP pH (short time operation)	1-13
Acceptable free Chlorine concentration during continuous operation	1
during disinfection (not longer than 30 min), mg/l	200
Maximum feed flow, m3/hr	18
Concentrate/permeate ratio on each element, min	5:1
Turbidity, NTU max	1



Model	A mm	B mm	B' (ATD) mm	C mm	Weight kg
8040-F50-1/2/3	1016	203	200	28,6	14

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