

Product Description

Membrane material	Composite polyamide
Membrane type	ORM45K
Design	Spiral wound

Specification

Model	Flow*		Rejection	Area		Spacer	
	l/hr	GPD	normal**/ minimal***	m2	ft2	mm	mil
KM 4040-C	330	2100	99,75/99,4	8,0	86	0,71	28

*

Test conditions:
test solution of NaCl
32 g/l, P=5,5 MPa,
T=25 °C, pH=7,5.
Recovery -8%

*

Flow of each single
element in a batch may
vary for +/-20%

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Nominal rejection
is reached after 48
hours of continuous
operation on test
solution

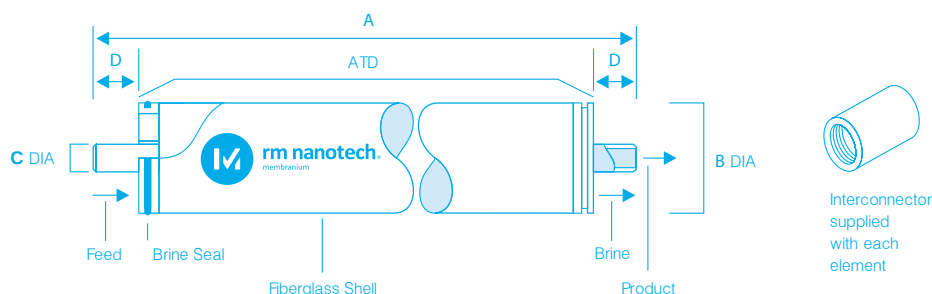
Minimal rejection
of a new element after
20 minutes' test on
test solution.

Operating conditions

Recommended operation pressure, MPa	4,5-6,5
Maximum operation pressure, MPa	7
Maximum pressure drop, MPa	0,1
Operation temperature, °C ¹⁾	4-45
pH at continuous operation at T<35°C	2-11
pH at continuous operation at T<45°C	3-10,5
Chemical cleaning, temperature, °C	T<45 T<35 T<25
CIP pH (short time operation)	2-11 1-11,5 1-12
Free chlorine content, mg/l max	0,1
Maximum feed flow, m3/hr	3,6
Concentrate/permeate ratio on each element, min	10:1
SDI (15 minutes test), max	5
Turbidity, NTU max	1

1)

During continuous
work with pH over 10
the temperature must
not exceed 35°C



Model	A mm	B mm	B' (ATD) mm	C mm	D mm	Weight kg
KM 4040-C	1016	101,6	100,3	19,1	26,7	4,5

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