

Product Description

Membrane material	Composite polyamide
Membrane type	ORM31K
Design	Spiral wound

Specification

Model	Flow*		Rejection	Area		Spacer	
	m ³ /hr	GPD		m ²	ft ²	mm	mil
K 8040-C	1,75	11 000	99,5/99,1	39	420	0,71	28
K 8040-C2	1,65	10 500	99,5/99,1	37	400	0,79	31
K 8040-C3	1,55	9 900	99,5/99,1	35	375	0,86	34
K 8040-C-DRY	1,75	11000	99,5/99,0	39	420	0,71	28
K 8040-C2-DRY	1,65	10500	99,5/99,0	37	400	0,79	31
K 8040-C3-DRY	1,55	9900	99,5/99,0	35	375	0,86	34

*

Test conditions:
test solution of NaCl
1500 mg/l, P=1,55
MPa, T=25 °C, pH=7,5.
Recovery -15%

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Flow of each single
element in a batch may
vary for +25% / -15%

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

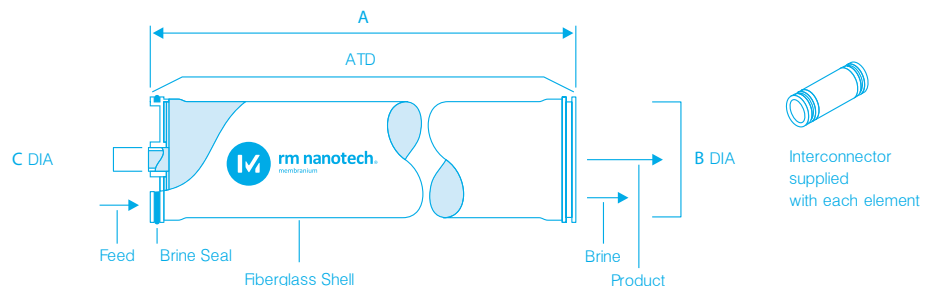
Minimal rejection
of a new element
after 20 minutes' test
on test solution.

1)

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

Operating conditions

Recommended operation pressure, MPa	1,2-2,0
Maximum operation pressure, MPa	4,1
Maximum pressure drop, MPa	0,07
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, m ³ /hr	17
Concentrate/permeate ratio on each element, min	5:1
SDI (15 minutes test), max	5
Turbidity, NTU max	1



Model	A mm	B mm	B' (ATD) mm	C mm	Weight kg
K 8040 -C (2, 3)	1016	203	200	28,6	15,5
K 8040 -C-DRY (2, 3)	1016	203	200	28,6	14,7