

## Product Description

Membrane material	Composite polyamide
Membrane type	ORM31K
Design	Spiral wound

## Specification

Model	Flow*		Rejection	Area		Spacer	
	l/hr	GPD		m2	ft2	mm	mil
K 4040-C	380	2400	99,5/99,1	8,0	86	0,71	28
K 4040-C-DRY	380	2400	99,5/99,0	8,0	86	0,71	28

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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

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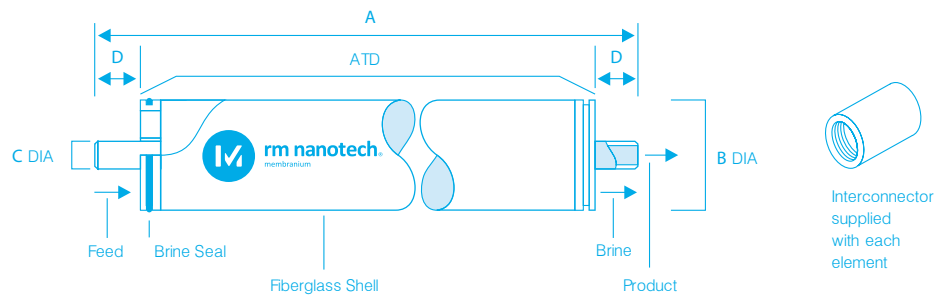
Minimal rejection  
of a new element after  
20 minutes' test on  
test solution

1)

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

## Operating conditions

Recommended operation pressure, MPa	1,2-20
Maximum operation pressure, MPa	
glass fiber/tape overwrap	4,1/2,1
Maximum pressure drop, MPa	0,07
Operation temperature, °C <sup>1)</sup>	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	5:1
SDI (15 minutes test), max	5
Turbidity, NTU max	1



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