

Product Description

Membrane material	Composite polyamide
Membrane type	ORM31K
Design	Spiral wound

Specification

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

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

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

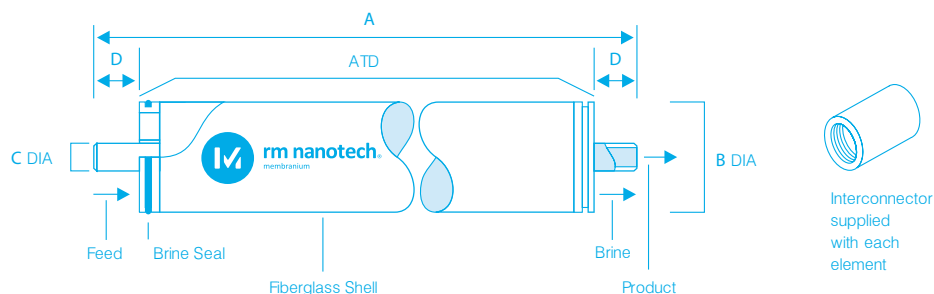
Minimal rejection
of a new element after
20 minutes' test on
test solution

1)

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

Operating conditions

Recommended operation pressure, MPa	1,2-20
Maximum operation pressure, MPa	
glass fiber/tape overwrap	4,1/2,1
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, 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