

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 |
| KC 4040-C | 390 | 2500 | 99,7/99,4 | 8,0 | 86 | 0,71 | 28 |

*

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 +/-15%

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Nominal rejection is
reached after 100
hours of continuous
operation on test
solution.

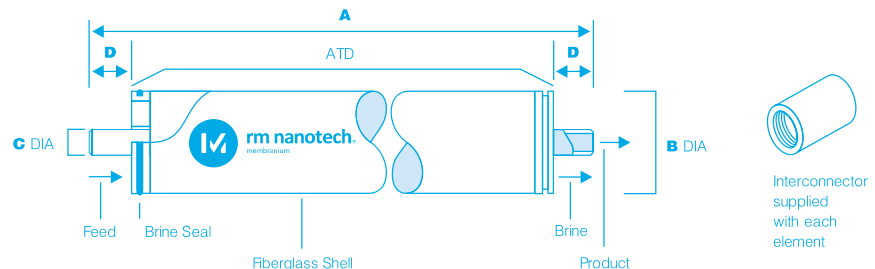
Minimal rejection
of a new element after
20 minutes' test on
test solution.

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 | 0,1 |
| 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, m ³ /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 |
|-----------|------|-------|-------------|------|------|-----------|
| KC 4040-C | 1016 | 101,6 | 100,3 | 19,1 | 26,7 | 4,5 |

Available with: