

BW-4040

Low Pressure RO Membrane for Brackish Water



Hidrotek industrial brackish water RO membrane series (BW) can achieve high water production rate and high desalination rate in a relatively low operating pressure with low energy consumption. Its operating pressure can be as low as 1MPa (150psi), which makes it suitable for desalinating water with salt content less than 5000PPM. It is widely applied in food processing, drinking water, electricity water supply, electronics and biotechnology industry, pharmaceuticals and other fields.

SPECIFICATIONS:

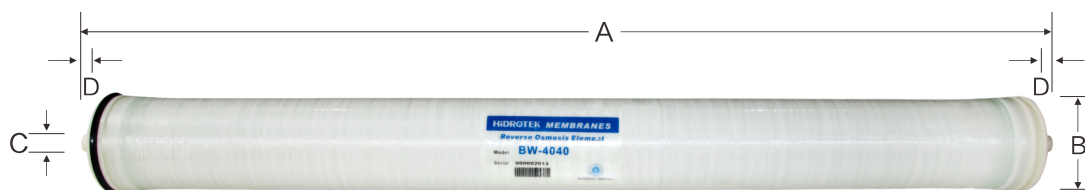
General Features	Permeate flow rate:	2,500 GPD (9.5 m ³ /day)
	Nominal salt rejection:	99%
	Effective membrane area:	81ft ² (7.5 m ²)

1. The stated product performance is based on data taken after 30 minutes of operation at the following test conditions:
 - 2,000 mg/L NaCl solution at 150 psig (1.03 MPa) applied pressure
 - 15% recovery
 - 77 °F (25 °C)
 - pH 7.5
2. Minimum salt rejection is 99%.
3. Permeate flow rate for each element may vary +15 / -15%.
4. All elements are vacuum sealed in a polyethylene bag and individually packaged in a cardboard box.

Membrane type:	Thin-Film Composite
Membrane material:	Polyamide (PA)
Element configuration:	Spiral-Wound, FRP Wrapping

Dimensions and Weight

Model Name	A	B	C	D	Weight
BW-4040	40.0 inch (1,016 mm)	3.9 inch (99.7 mm)	0.75 inch (19.1 mm)	1.05 inch (26.7 mm)	3.2 kg



A=1016.0mm(40") B=99.7mm(3.9") C=19.1mm(0.75") D=26.7mm(1.05")

All BW-4040 elements fit nominal 4.0 inch FRP / Stainless steel Membrane Housings.

The information provided in this document is solely for informative purposes. It is the user's responsibility to ensure the appropriate usage of this product. Ningbo Hidrotek Co.,Ltd. assumes no obligation, liability or damages incurred for the misuse of the product or for the information provided in this document. This document does not express or implies any warranty as to the merchantability or fitness of the product.

Ningbo Hidrotek Co.,Ltd.

For more information on our products, company and regional contacts, please visit our website at www.hidrotek.cn.
Product Specification Sheet / Model BW-4040