



HIDROTEK

Hidrotek RO Membrane **BW-4040**



Reverse Osmosis membrane elements
for Brackish Water with high flux and high
sodium chloride rejection rate.

Applications for Reverse Osmosis Membranes

Desalination for Brackish Water

Commercial / Industrial Water

Beverage Industry

Pharmaceutical Industry

Chemicals Industry

Semiconductor Industry

Boiler Feedwater

Thermal Plants

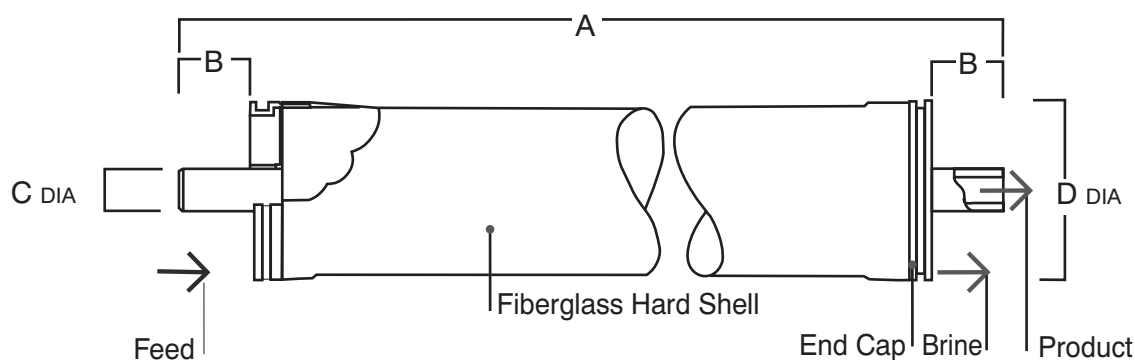
Car Washes

Municipal / Potable Water

Hidrotek RO Membrane BW - 4040



Product Name	Nominal Active Surface Area ft ² (m ²)	Permeate Flow Rate gpd (m ³ /d)	Stabilized Salt Rejection
Hidrotek BW-4040	78 (7.5)	2500 (9.5)	99.5%



Dimensions - Inches (mm)				
Product	A	B	C	D
BW-4040	40.0 (1,016)	1.05 (26.7)	0.75 (19)	3.9 (99)

1. Membrane Type:

Polyamide Composite with Fiberglass Hard Shell

2. Test Conditions

Inlet Water Pressure	225 psi (1.55 Mpa)
Inlet Water Temperature	77 °F (25 °C)
Inlet Water Concentration	2,000 mg/l NaCl
Recovery Rate	15 %
Feed Water pH	6.5-7.0 pH Range

3. Operation Data

Maximum Operating Pressure	600 psi (4.1 MPa)
Maximum Feed Water Temperature	113 °F (45 °C)
Maximum Feed Turbidity	1.0 NTU
Maximum Feed Water SDI	5.0
Feed Water Chlorine Concentration	< 0.1 PPM
Feed Water pH Range	2-11

4. Cleaning Data

Maximum Cleaning Temperature:	113 °F (45 °C)
Allowable pH Range for Cleaning	2.5-11

Note: All data may change without prior notice, due to technical modifications or production changes.

Distributed by: