A leading membrane manufacturer in China

Industrial Reverse Osmosis Membranes(RO Membranes) | Brackish Water (High Pressure) | BW-4040

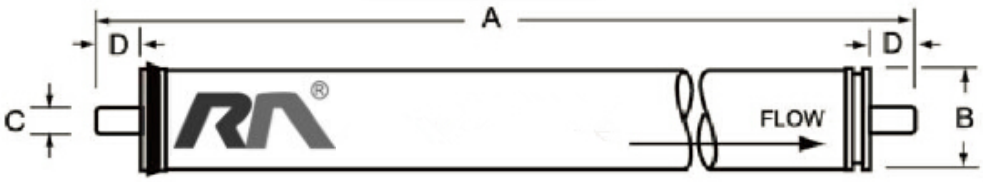
*The Runmo® BW-4040 membrane elements are spiral wound, composite polyamide membrane elements for Brackish Water treatment. These membranes are characterized by a high operating feed pressure, normally is **225psi**(1.55MPa) and result in higher salt rejection rate(especially good for removing TOC, SiO_2, etc.), above **99.5%**. These membranes are designed for industrial water treatment applications(**NaCl≤10,000ppm, Salt content≤6000us/cm**), such as the treatment of brackish and high salinity waters for Electronic factories,Electric Power plants, Petrochemical industry, Coal chemical industry.*

Model	Active Membrane	Average Permeate	Stable Rejection	Min. Rejection	Spacer Net Thickness
BW-4040	**106ft² (9.9m²)**	**1,900gpd (7.2m³/d)**	**99.5%**	**99.3%**	**29mil (0.73mm)**

Testing Conditions	Testing Pressure	225psi (1.55MPa)	Temperature of Testing Solution	25℃
	Concentration of Testing Solution (NaCl)	2,000ppm	pH Value of Testing Solution	7.5
	Recovery Rate of Single Element	15%		

Operation Limits & conditions	Max. Feed Water Flow	16gpm (3.6m³/h)
	Max. Working Pressure	600psi (4.14MPa)
	Max. Feed Water Temperature	45℃
	Max. Feed Water SDI_{15}	< 5
	pH Range of Feed Water During Continuous Operation	2~11
	pH Range of Feed Water During Chemical Cleaning	1~13
	Residual Chlorine Concentration of Feed Water	< 0.1 ppm
	Max. Pressure Drop of Single Element	10psi (0.07MPa)
	Max.Turbidity NTU	1.0

Size of Membrane Element | 1.0 inch=25.4mm | 4" x 40"



A	B	C	D
1016 mm (40 inches)	99.7 mm (3.9 inches)	19.1mm (0.75 inches)	26.7 mm (1.05 inches)

Package Carton Size: 111x13x13cm, Weight 3.4kg

Runmo ® Membrane
www.runmomembrane.com

MEMBRANE TECH

RUNMO® RO MEMBRANE | RUNMO® UF MEMBRANE
RUNMO® NF MEMBRANE | RUNMO® MBR MEMBRANE

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