

ProCEM

MCE 1200-25-019-030



MEMBRANE

	Technical Specifications
Membrane length	1200 mm
Outer diameter MCE	25.4 mm
Inner diameter channel	3.3 mm
Pore size/MWCO	30 nm
Number of channels	19
Support material	Al ₂ O ₃
Coating material	Al ₂ O ₃
Membrane surface	0.24 m ²
Cross section area	162.5 mm ²
Weight	1.1 kg
Clean water flux	400 LMH @ 25 °C



HOUSING AND SEALING

	Technical Specifications
Housing length	1209 mm
Housing diameter	168.3 mm
Housing material	316 Ti
Number of membranes	13
Total membrane surface	3.07 m ²
Total cross section area	2112.59 mm ²
Permeate connection	2 x 1" Victaulic
Feed & retentate connection	2 x 6" Victaulic
Weight	32.5 kg
Membrane sealing diameter	Ø 25.4 x 3.5 mm
Membrane sealing material	EPDM, NBR, Viton, PTFE, Silicone

ProCEM MCE 1200-25-019-030

SYSTEM DIAGRAM

The diagram illustrates the system architecture for membrane filtration, including the Feed Tank, Feed Pump, Circulation Pump, Membrane Filtration Unit (MCE Membrane), Permeate Tank, Backwash Pump, and various sensors (Pressure, Temperature, Flow, Reject) and valves (V-1 through V-19) controlling the process flow.

Contact