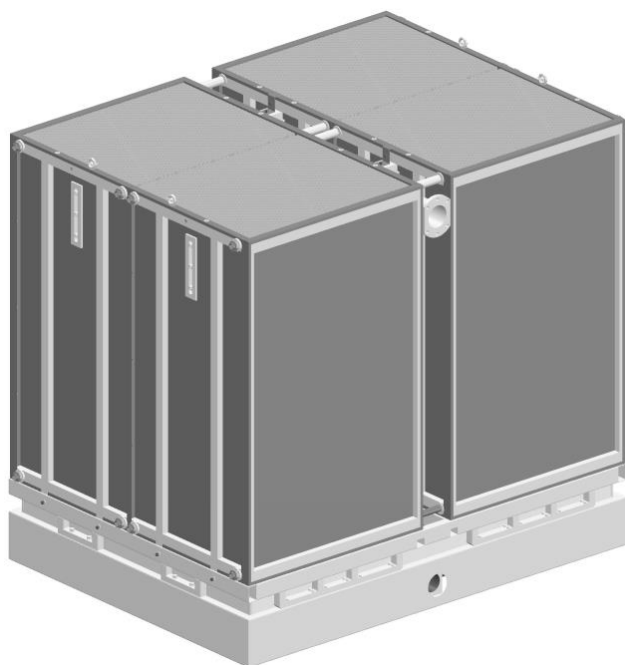


# BIO-CEL<sup>®</sup> XL-1

## - Modules for wastewater treatment -

### Data Sheet



Material	
Housing	Stainless Steel 1.4571
Piping	Polyvinyl chloride (PVC)
Connections	Stainless Steel 1.4571
Membrane	Polyether sulfone (PES)
Drainage	Polyester
Sealings	EPDM
Diffusor	PP/EPDM

Membrane and operation data <sup>(1)</sup>		
Membrane area	m <sup>2</sup>	1920
Nom. MWCO	kDa	150
Pore size	µm	0.04
Permissible particle size in sludge	mm	2
Maximum airflow rate (V <sub>n</sub> ) <sup>(2)</sup>	m <sup>3</sup> /h	665
Max. content suspended solids (SS), recommended <sup>(3)</sup>	g/l	12
Max. trans membrane pressure during filtration	mbar	400
Max. trans membrane pressure during backwash	mbar	150
Max. operating/storage temperature	°C	40
Min. operating/storage temperature	°C	5
pH range		2 - 11
Chlorine resistance	ppmh	500.000
Length	mm	2786
Width	mm	2106
Height	mm	2450
Required ground clearance	mm	750
Connection aeration	Special flange, Adapter (DIN, ANSI; ...) as required	
Connection permeate	Special flange, Adapter (DIN, ANSI; ...) as required	
Dry weight	kg	1900
Wet weight	kg	2900
Maximum load <sup>(4)</sup>	kg	6000

<sup>(1)</sup> Nominal values

<sup>(2)</sup> V<sub>n</sub> is the volume flow rate at standard conditions according to DIN ISO 2533:1979-12

<sup>(3)</sup> for higher SS concentration please contact MICRODYN-NADIR GmbH

<sup>(4)</sup> Sludge deposit must be removed before lifting the module

MICRODYN-NADIR behält sich das Recht vor, Angaben ohne vorherige Ankündigung anzupassen.  
We reserve the right to change specifications without prior notification.

MICRODYN-NADIR GmbH  
Industriepark Kalle-Albert  
Kasteler Straße 45  
D-65203 Wiesbaden

Telefon: +49 (0) 611/962-6001  
Telefax: +49 (0) 611/962-9237  
E-Mail: info@microdyn-nadir.de  
Internet: www.microdyn-nadir.de

