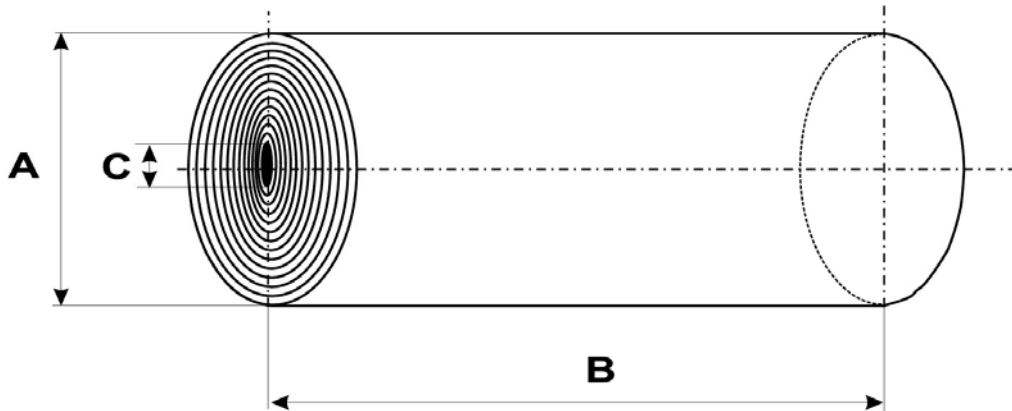


SPIRA-CEL[®] Data Sheet

- Modules for Ultrafiltration -

FY-UV200-4040 Series

Modules for Ultrafiltration of Electrocoat Paint



Module					Membrane	
		A	B	C		
		Ø Outside Module	Length ²⁾ Module	Ø Inside Permeate tube	Regular membrane type	UV200
Dimension	mm	101.5	984	16.0	Membrane material	PVDF
Tolerance	mm	+0 / -2	+1 / -2	± 0.1	Nom. MWCO (kDa)	200

Module specs & data				
Spacer thickness, diamond type			mil / mm	31 / 0.8 44 / 1.1
Membrane area			m ²	7.5 6.0
Outer wrap				Spacer wrap

Recommended operating conditions				
Prefiltration		µm	≤ 25	≤ 50
Crossflow, min. ¹⁾		m ³ /h	6	7
Feed pressure		bar	2.8	2.8
Retentate pressure		bar	1.0	1.0
Permeate pressure		bar	0	0

Allowable operating conditions				
Feed pressure, max.		bar	10	10
Retentate pressure, min.		bar	0.7	0.7
Permeate pressure, max.		bar	0.25	0.25
Cleaning pressure, max.		bar	3	3
Pressure loss, max. (Δp _{max})		bar	2.1	2.1
Processing temperature		°C	5 - 50	5 - 50
pH range during processing			2.5 - 11	2.5 - 11

¹⁾ Please adjust the cross-flow if you use an ATD without lip-seal.

²⁾ Length incl. ATD's = 1016 +1 / -3 mm

Note:

This module-type is preserved with an isopropanol solution.

Not all combinations are available. Please do not hesitate to contact MICRODYN-NADIR for any further information.

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

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SPIRA-CEL[®] Data Sheet

- Modules for Ultrafiltration -

FY-UV200-4040 Series

Changes:

The here printed values may be subject to changes. Presently valid are the values on the data sheet shown on web site www.microdyn-nadir.com.

Tolerances:

The tolerances indicated on our data sheets are composed to the best of our knowledge.

Warranty:

Stated warranties are valid if values on this data sheet are followed during use of the module(s) only. Also rules for installation, cleaning, water and preservation have to adhered to and log registered made available for MICRODYN-NADIR on request. MICRODYN-NADIR approved cleaning detergent, anti-foam, polymers, other chemicals and filter-aids lubricants can be applied only.

First Cleaning:

MICRODYN-NADIR modules may be put into production after having gone through the first cleaning prescribed by MICRODYN-NADIR on product packing notes or given differently by MICRODYN-NADIR.

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