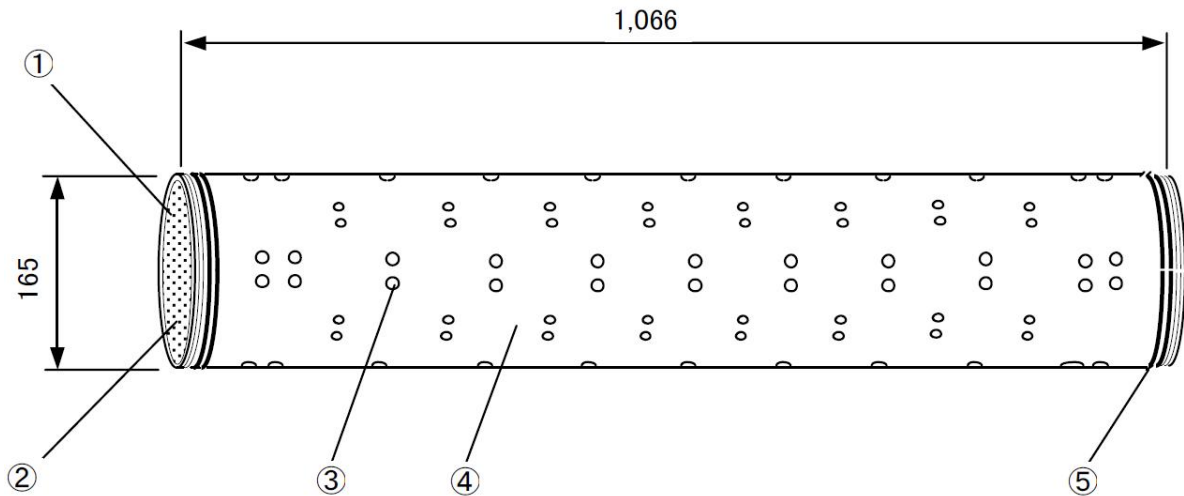


# ULTRADYN PRODUCTS SPECIFICATION

## - HOLLOW FIBER UF MEMBRANE MODULE -

### FK20-FO-FUS0382



#### Module components

Article	Name	Material	Num.
①	Hollow Fiber	Polyethersulfone	-
②	Potting Resin	Epoxy	-
③	Inner Net	Nylon	1
④	Cartridge Case	Polysulfone	1
⑤	O-Ring Type WG-36	FPM	4

FPM: Fluoro Rubber

#### Standard configurations

Filtration type	Ultrafiltration	
Membrane material	Polyethersulfone	
Molecular cutoff	30,000	Dalton
Hollow fiber inner diameter	0.8	mm
Membrane area	17.0	m <sup>2</sup>
Standard water flux <sup>(1)</sup>	7.1	m <sup>3</sup> /h
Shipping water flux range <sup>(1)</sup>	5.1	m <sup>3</sup> /h
Transmembrane pressure, max.	0.3	MPa
Temperature, max.	85	°C
Applicable pH range	1 ~ 13	
Standard inlet feed flow <sup>(2)</sup>	13.3	m <sup>3</sup> /h
Weight at operation	23	kg
Weight at shipping	16	kg
Standard preservative	1000 ppm Benzoic acid	

<sup>(1)</sup> Initial water flux by dead end filtration with pure water under T.M.P. 0.1 MPa at 25°C

<sup>(2)</sup> Standard condition is adjusted to 1 m/sec feed velocity. Please notice that the optimum velocity is different for each application.

**Note:** It should be avoided to operate higher water flux over 24 m<sup>3</sup>/h for this module type.

Stainless steel housing set is provided separately.

DAICEN Membrane Systems Ltd. is the manufacturer of the ULTRADYN modules and markets and distributes them under the registered trademark MOLSEP®.

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We reserve the right to change specifications without prior notification.

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