

MEMBRANE HOUSING

DETAILED OVERVIEW FOR TYPE 'MHA-6-16'
LOW PRESSURE - 16 BAR

FOR MF AND UF FILTRATION



In the food and beverage industry membrane housings are often used in systems to reduce or eliminate microbials to make products safe for consumption and to extend their shelf life. We produce membrane housings for membrane filtration in the food industry for liquid-containing products such as juice, beer, soy, whey, milk, milk powder, chocolate etc.



Content

Introduction	3
Regulations and Directives	3
Documentation	3
Group specifications.....	4
Unit specifications	4
Connections	4
MHA-6-16bar-1-element - Model A	5
MHA-6-16bar-1-element - Model C	6
MHA-6-16bar-2-element - Model A	7
MHA-6-16bar-2-element - Model C.....	8
MHA-6-16bar-3-element - Model A	9
MHA-6-16bar-3-element - Model C	10
MHA-6-16bar-4-element - Model A	11
MHA-6-16bar-4-element - Model C	12
MHA-6-16bar-5-element - Model A	13
MHA-6-16bar-5-element - Model C	14
MHA-6-16bar-6-element - Model A	15
MHA-6-16bar-6-element - Model C.....	16

Introduction

This overview is for Membrane Housings with collaring connections manufactured by Wila A/S under the category "MHA" hereinafter referred to as "Membrane Housing". A Membrane Housing is a tubular pressure vessel with a single inlet (Feed) on the shell side, an unfiltered outlet (Retentate) on the shell side and a filtered outlet (Permeate) out from one of the end centers.

The membranes and ATD's, that are also required for the filtration process, are not a part of the membrane housing, but Wila's own hygienic, easy to CIP clean, stainless steel ATD's can also be supplied upon request.

The Membrane Housing is made from EN 1.4404 (AISI 316L) stainless steel with a sanitary surface finish in accordance with the 3A sanitary standard. The entire inside surface roughness is $\leq 0.8 \mu\text{m}$ and the outside surface roughness is $\leq 1.6 \mu\text{m}$. **All fluid media in use with the Membrane housing must be compatible with EN 1.4404 (AISI 316L) Stainless steel.**

The Membrane Housing is designed for pressures up to 16 bar and temperatures up to 70°C, but other types, sizes and pressure ratings are also available.

Regulations and Directives

The membrane housing is designed and manufactured in accordance with

- the European Commission regulation No. 2023/2006 (Good Manufacturing Practices)
- the European Parliament directive No. EN 1935/2004 (Food Contact Materials).
- the European Parliament directive No. EN 1907/2006 (Chemical Restrictions (REACH)).
- PED - Article 4.3 (SEP) in the European Parliament directive No. 2014/68/EU (Pressure Equipment Directive). The membrane housing is only designed for fluid group 2 (non-dangerous fluids).
- 3-A Sanitary Standards 00-01 / 45-03.

Documentation

1. Customer drawing with description and design data table
2. Declaration of conformity
3. User Manual

As Supplement the following can be provided:

4. 3.1 material certificates according to EN 10204
5. Weld-logs with associated welding certificates according to DS/EN ISO 9601-1.

Group specifications

Group ordering codes and specifications are as listed below. A more detailed group tables with unit codes and main dimensions can be found on the following pages.

MHA-6-16bar-X-element – Model _

MHA	M embrane H ousing with collaring connections for Feed and Retentate with 3A certificate.	
6	The membrane housing is designed for 6.3" x 38" (6338) membranes.	
16bar	The Membrane Housing is designed for pressures up to 16 bar and temperatures up to 70°C	
X	From 1 to 6 elements	Indicates the number of elements that can be fitted.
_	Either A or C *	Indicates Feed and Retentate connection arrangement.

*Other connection arrangements are available

Unit specifications

MHA-6-16-X-YY-ZZ-_

X	From 1 to 6 elements	Indicates the number of elements that can be fitted.
YY	76 - 65 - 63 - 51 - 50 - 3.0 - 2.5 - 2.0***	Indicates Feed and Retentate collaring connections.
ZZ	38 - 25 - 40 - 26 - 1.5 - 1.0***	Indicates Permeate end clamp ferrule connection.
_	Either A or C *	Indicates Feed and Retentate connection arrangement.

*Other connection arrangements are available

**Clamp ferrule connections sizes - Other types and sizes are available

38 - 25	translates respectively to Ø38 - Ø25	in accordance with ISO 2852-2
40 - 26	translates respectively to DN40 - DN25	in accordance with DIN 32676-A
1.0 - 1.5	translates respectively to 1" - 1.5"	in accordance with DIN 32676-C

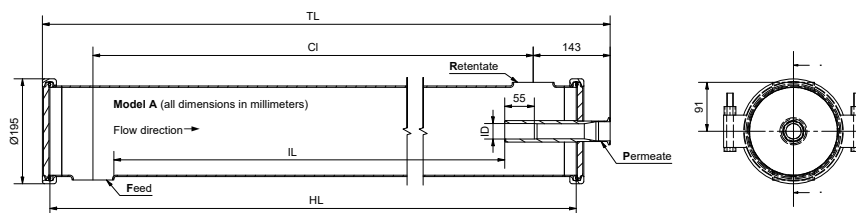
***Collaring connections sizes - Other sizes are available

76 - 63 - 51	translates respectively to Ø76 - Ø63.5 - Ø51
65 - 50	translates respectively to DN65 - DN50
3.0 - 2.5 - 2.0	translates respectively to 3" - 2.5" - 2"

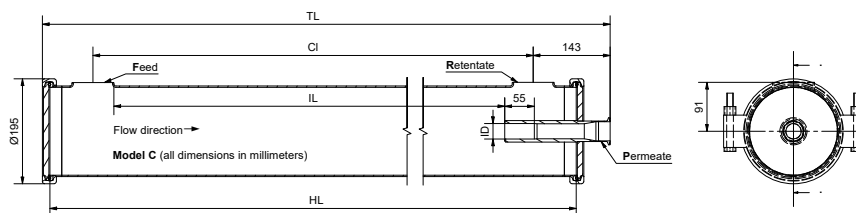
Connections

For Feed and Retentate only use weld ends with a minimum 2 mm wall thickness. Welds according 3-A Sanitary Standards 00-01 and inside welds ground to $\leq 0.8 \mu\text{m}$. For the Permeate connection an SH clamp is recommended, but always follow your fitting supplier guidelines and local legislations. The Membrane Housing should be installed with the Retentate outlet at the highest point for better air venting.

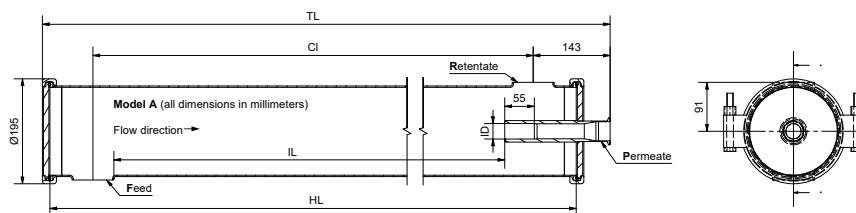
Temperature and pressure limits must be respected at all times !



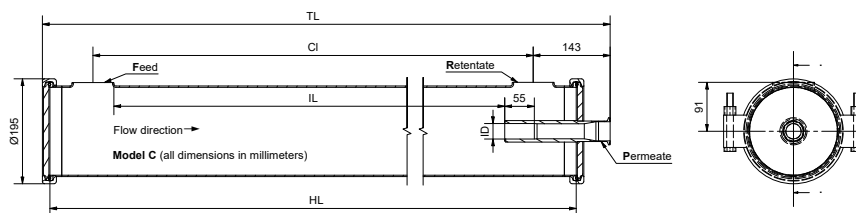
MHA-6-16bar-1-element - Model A		Element type 6338		Maximum pressure / Maximum temperature					
		Quantity	Permeate	16 barg / 70°C		Volume 27 liters		Dry weight 25 kg	
Stock number	Drawing number	6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-1-76-38-A	W-025094	1 x 38"	Ø28.9	Ø76	Ø38	1342	1265	1105	1013
MHA-6-16-1-63-38-A	W-025100	1 x 38"	Ø28.9	Ø63.5	Ø38	1342	1265	1105	1019
MHA-6-16-1-51-38-A	W-025106	1 x 38"	Ø28.9	Ø51	Ø38	1342	1265	1105	1025
MHA-6-16-1-65-38-A	W-025112	1 x 38"	Ø28.9	DN65	Ø38	1342	1265	1105	1016
MHA-6-16-1-50-38-A	W-025118	1 x 38"	Ø28.9	DN50	Ø38	1342	1265	1105	1024
MHA-6-16-1-76-25-A	W-025124	1 x 38"	Ø28.9	Ø76	Ø25	1342	1265	1105	1013
MHA-6-16-1-63-25-A	W-025130	1 x 38"	Ø28.9	Ø63.5	Ø25	1342	1265	1105	1019
MHA-6-16-1-51-25-A	W-025136	1 x 38"	Ø28.9	Ø51	Ø25	1342	1265	1105	1025
MHA-6-16-1-65-25-A	W-025142	1 x 38"	Ø28.9	DN65	Ø25	1342	1265	1105	1016
MHA-6-16-1-50-25-A	W-025148	1 x 38"	Ø28.9	DN50	Ø25	1342	1265	1105	1024
MHA-6-16-1-76-40-A	W-025154	1 x 38"	Ø28.9	Ø76	DN40	1342	1265	1105	1013
MHA-6-16-1-63-40-A	W-025160	1 x 38"	Ø28.9	Ø63.5	DN40	1342	1265	1105	1019
MHA-6-16-1-51-40-A	W-025166	1 x 38"	Ø28.9	Ø51	DN40	1342	1265	1105	1025
MHA-6-16-1-65-40-A	W-025172	1 x 38"	Ø28.9	DN65	DN40	1342	1265	1105	1016
MHA-6-16-1-50-40-A	W-025178	1 x 38"	Ø28.9	DN50	DN40	1342	1265	1105	1024
MHA-6-16-1-76-26-A	W-025184	1 x 38"	Ø28.9	Ø76	DN25	1342	1265	1105	1013
MHA-6-16-1-63-26-A	W-025190	1 x 38"	Ø28.9	Ø63.5	DN25	1342	1265	1105	1019
MHA-6-16-1-51-26-A	W-025196	1 x 38"	Ø28.9	Ø51	DN25	1342	1265	1105	1025
MHA-6-16-1-65-26-A	W-025202	1 x 38"	Ø28.9	DN65	DN25	1342	1265	1105	1016
MHA-6-16-1-50-26-A	W-025208	1 x 38"	Ø28.9	DN50	DN25	1342	1265	1105	1024
MHA-6-16-1-3.0-1.5A	W-028760	1 x 38"	Ø28.9	3.0"	1.5"	1342	1265	1105	1013
MHA-6-16-1-2.5-1.5A	W-028766	1 x 38"	Ø28.9	2.5"	1.5"	1342	1265	1105	1019
MHA-6-16-1-2.0-1.5A	W-028772	1 x 38"	Ø28.9	2.0"	1.5"	1342	1265	1105	1025
MHA-6-16-1-3.0-1.0A	W-028778	1 x 38"	Ø28.9	3.0"	1.0"	1342	1265	1105	1013
MHA-6-16-1-2.5-1.0A	W-028784	1 x 38"	Ø28.9	2.5"	1.0"	1342	1265	1105	1019
MHA-6-16-1-2.0-1.0A	W-028790	1 x 38"	Ø28.9	2.0"	1.0"	1342	1265	1105	1025



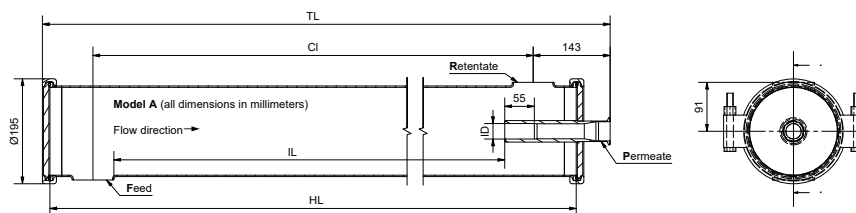
MHA-6-16bar-1-element - Model C		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 27 liters		Dry weight 25 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-1-76-38-C	W-025214	1 x 38"	Ø28.9	Ø76	Ø38	1342	1265	1105	1013
MHA-6-16-1-63-38-C	W-025220	1 x 38"	Ø28.9	Ø63.5	Ø38	1342	1265	1105	1019
MHA-6-16-1-51-38-C	W-025226	1 x 38"	Ø28.9	Ø51	Ø38	1342	1265	1105	1025
MHA-6-16-1-65-38-C	W-025232	1 x 38"	Ø28.9	DN65	Ø38	1342	1265	1105	1016
MHA-6-16-1-50-38-C	W-025238	1 x 38"	Ø28.9	DN50	Ø38	1342	1265	1105	1024
MHA-6-16-1-76-25-C	W-025244	1 x 38"	Ø28.9	Ø76	Ø25	1342	1265	1105	1013
MHA-6-16-1-63-25-C	W-025250	1 x 38"	Ø28.9	Ø63.5	Ø25	1342	1265	1105	1019
MHA-6-16-1-51-25-C	W-025256	1 x 38"	Ø28.9	Ø51	Ø25	1342	1265	1105	1025
MHA-6-16-1-65-25-C	W-025262	1 x 38"	Ø28.9	DN65	Ø25	1342	1265	1105	1016
MHA-6-16-1-50-25-C	W-025268	1 x 38"	Ø28.9	DN50	Ø25	1342	1265	1105	1024
MHA-6-16-1-76-40-C	W-025274	1 x 38"	Ø28.9	Ø76	DN40	1342	1265	1105	1013
MHA-6-16-1-63-40-C	W-025280	1 x 38"	Ø28.9	Ø63.5	DN40	1342	1265	1105	1019
MHA-6-16-1-51-40-C	W-025286	1 x 38"	Ø28.9	Ø51	DN40	1342	1265	1105	1025
MHA-6-16-1-65-40-C	W-025292	1 x 38"	Ø28.9	DN65	DN40	1342	1265	1105	1016
MHA-6-16-1-50-40-C	W-025298	1 x 38"	Ø28.9	DN50	DN40	1342	1265	1105	1024
MHA-6-16-1-76-26-C	W-025304	1 x 38"	Ø28.9	Ø76	DN25	1342	1265	1105	1013
MHA-6-16-1-63-26-C	W-025310	1 x 38"	Ø28.9	Ø63.5	DN25	1342	1265	1105	1019
MHA-6-16-1-51-26-C	W-025316	1 x 38"	Ø28.9	Ø51	DN25	1342	1265	1105	1025
MHA-6-16-1-65-26-C	W-025322	1 x 38"	Ø28.9	DN65	DN25	1342	1265	1105	1016
MHA-6-16-1-50-26-C	W-025328	1 x 38"	Ø28.9	DN50	DN25	1342	1265	1105	1024
MHA-6-16-1-3.0-1.5C	W-028796	1 x 38"	Ø28.9	3.0"	1.5"	1342	1265	1105	1013
MHA-6-16-1-2.5-1.5C	W-028802	1 x 38"	Ø28.9	2.5"	1.5"	1342	1265	1105	1019
MHA-6-16-1-2.0-1.5C	W-028808	1 x 38"	Ø28.9	2.0"	1.5"	1342	1265	1105	1025
MHA-6-16-1-3.0-1.0C	W-028814	1 x 38"	Ø28.9	3.0"	1.0"	1342	1265	1105	1013
MHA-6-16-1-2.5-1.0C	W-028820	1 x 38"	Ø28.9	2.5"	1.0"	1342	1265	1105	1019
MHA-6-16-1-2.0-1.0C	W-028826	1 x 38"	Ø28.9	2.0"	1.0"	1342	1265	1105	1025



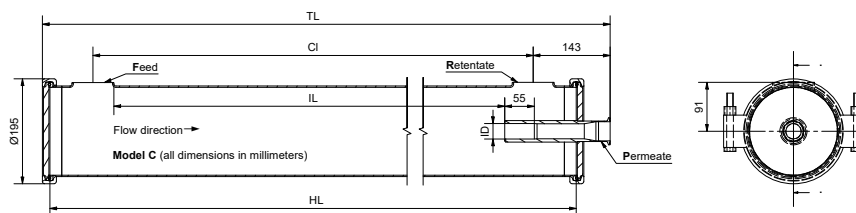
MHA-6-16bar-2-element - Model A		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 47 liters		Dry weight 35 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-2-76-38-A	W-025095	2 x 38"	Ø28.9	Ø76	Ø38	2322	2245	2085	1993
MHA-6-16-2-63-38-A	W-025101	2 x 38"	Ø28.9	Ø63.5	Ø38	2322	2245	2085	1999
MHA-6-16-2-51-38-A	W-025107	2 x 38"	Ø28.9	Ø51	Ø38	2322	2245	2085	2005
MHA-6-16-2-65-38-A	W-025113	2 x 38"	Ø28.9	DN65	Ø38	2322	2245	2085	1996
MHA-6-16-2-50-38-A	W-025119	2 x 38"	Ø28.9	DN50	Ø38	2322	2245	2085	2004
MHA-6-16-2-76-25-A	W-025125	2 x 38"	Ø28.9	Ø76	Ø25	2322	2245	2085	1993
MHA-6-16-2-63-25-A	W-025131	2 x 38"	Ø28.9	Ø63.5	Ø25	2322	2245	2085	1999
MHA-6-16-2-51-25-A	W-025137	2 x 38"	Ø28.9	Ø51	Ø25	2322	2245	2085	2005
MHA-6-16-2-65-25-A	W-025143	2 x 38"	Ø28.9	DN65	Ø25	2322	2245	2085	1996
MHA-6-16-2-50-25-A	W-025149	2 x 38"	Ø28.9	DN50	Ø25	2322	2245	2085	2004
MHA-6-16-2-76-40-A	W-025155	2 x 38"	Ø28.9	Ø76	DN40	2322	2245	2085	1993
MHA-6-16-2-63-40-A	W-025161	2 x 38"	Ø28.9	Ø63.5	DN40	2322	2245	2085	1999
MHA-6-16-2-51-40-A	W-025167	2 x 38"	Ø28.9	Ø51	DN40	2322	2245	2085	2005
MHA-6-16-2-65-40-A	W-025173	2 x 38"	Ø28.9	DN65	DN40	2322	2245	2085	1996
MHA-6-16-2-50-40-A	W-025179	2 x 38"	Ø28.9	DN50	DN40	2322	2245	2085	2004
MHA-6-16-2-76-26-A	W-025185	2 x 38"	Ø28.9	Ø76	DN25	2322	2245	2085	1993
MHA-6-16-2-63-26-A	W-025191	2 x 38"	Ø28.9	Ø63.5	DN25	2322	2245	2085	1999
MHA-6-16-2-51-26-A	W-025197	2 x 38"	Ø28.9	Ø51	DN25	2322	2245	2085	2005
MHA-6-16-2-65-26-A	W-025203	2 x 38"	Ø28.9	DN65	DN25	2322	2245	2085	1996
MHA-6-16-2-50-26-A	W-025209	2 x 38"	Ø28.9	DN50	DN25	2322	2245	2085	2004
MHA-6-16-2-3.0-1.5A	W-028761	2 x 38"	Ø28.9	3.0"	1.5"	2322	2245	2085	1993
MHA-6-16-2-2.5-1.5A	W-028767	2 x 38"	Ø28.9	2.5"	1.5"	2322	2245	2085	1999
MHA-6-16-2-2.0-1.5A	W-028773	2 x 38"	Ø28.9	2.0"	1.5"	2322	2245	2085	2005
MHA-6-16-2-3.0-1.0A	W-028779	2 x 38"	Ø28.9	3.0"	1.0"	2322	2245	2085	1993
MHA-6-16-2-2.5-1.0A	W-028785	2 x 38"	Ø28.9	2.5"	1.0"	2322	2245	2085	1999
MHA-6-16-2-2.0-1.0A	W-028791	2 x 38"	Ø28.9	2.0"	1.0"	2322	2245	2085	2005



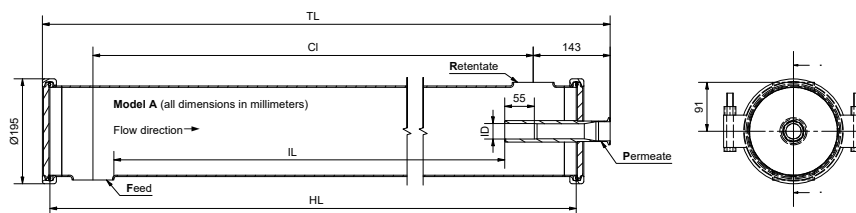
MHA-6-16bar-2-element - Model C		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 47 liters		Dry weight 35 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-2-76-38-C	W-025215	2 x 38"	Ø28.9	Ø76	Ø38	2322	2245	2085	1993
MHA-6-16-2-63-38-C	W-025221	2 x 38"	Ø28.9	Ø63.5	Ø38	2322	2245	2085	1999
MHA-6-16-2-51-38-C	W-025227	2 x 38"	Ø28.9	Ø51	Ø38	2322	2245	2085	2005
MHA-6-16-2-65-38-C	W-025233	2 x 38"	Ø28.9	DN65	Ø38	2322	2245	2085	1996
MHA-6-16-2-50-38-C	W-025239	2 x 38"	Ø28.9	DN50	Ø38	2322	2245	2085	2004
MHA-6-16-2-76-25-C	W-025245	2 x 38"	Ø28.9	Ø76	Ø25	2322	2245	2085	1993
MHA-6-16-2-63-25-C	W-025251	2 x 38"	Ø28.9	Ø63.5	Ø25	2322	2245	2085	1999
MHA-6-16-2-51-25-C	W-025257	2 x 38"	Ø28.9	Ø51	Ø25	2322	2245	2085	2005
MHA-6-16-2-65-25-C	W-025263	2 x 38"	Ø28.9	DN65	Ø25	2322	2245	2085	1996
MHA-6-16-2-50-25-C	W-025269	2 x 38"	Ø28.9	DN50	Ø25	2322	2245	2085	2004
MHA-6-16-2-76-40-C	W-025275	2 x 38"	Ø28.9	Ø76	DN40	2322	2245	2085	1993
MHA-6-16-2-63-40-C	W-025281	2 x 38"	Ø28.9	Ø63.5	DN40	2322	2245	2085	1999
MHA-6-16-2-51-40-C	W-025287	2 x 38"	Ø28.9	Ø51	DN40	2322	2245	2085	2005
MHA-6-16-2-65-40-C	W-025293	2 x 38"	Ø28.9	DN65	DN40	2322	2245	2085	1996
MHA-6-16-2-50-40-C	W-025299	2 x 38"	Ø28.9	DN50	DN40	2322	2245	2085	2004
MHA-6-16-2-76-26-C	W-025305	2 x 38"	Ø28.9	Ø76	DN25	2322	2245	2085	1993
MHA-6-16-2-63-26-C	W-025311	2 x 38"	Ø28.9	Ø63.5	DN25	2322	2245	2085	1999
MHA-6-16-2-51-26-C	W-025317	2 x 38"	Ø28.9	Ø51	DN25	2322	2245	2085	2005
MHA-6-16-2-65-26-C	W-025323	2 x 38"	Ø28.9	DN65	DN25	2322	2245	2085	1996
MHA-6-16-2-50-26-C	W-025329	2 x 38"	Ø28.9	DN50	DN25	2322	2245	2085	2004
MHA-6-16-2-3.0-1.5C	W-028797	2 x 38"	Ø28.9	3.0"	1.5"	2322	2245	2085	1993
MHA-6-16-2-2.5-1.5C	W-028803	2 x 38"	Ø28.9	2.5"	1.5"	2322	2245	2085	1999
MHA-6-16-2-2.0-1.5C	W-028809	2 x 38"	Ø28.9	2.0"	1.5"	2322	2245	2085	2005
MHA-6-16-2-3.0-1.0C	W-028815	2 x 38"	Ø28.9	3.0"	1.0"	2322	2245	2085	1993
MHA-6-16-2-2.5-1.0C	W-028821	2 x 38"	Ø28.9	2.5"	1.0"	2322	2245	2085	1999
MHA-6-16-2-2.0-1.0C	W-028827	2 x 38"	Ø28.9	2.0"	1.0"	2322	2245	2085	2005



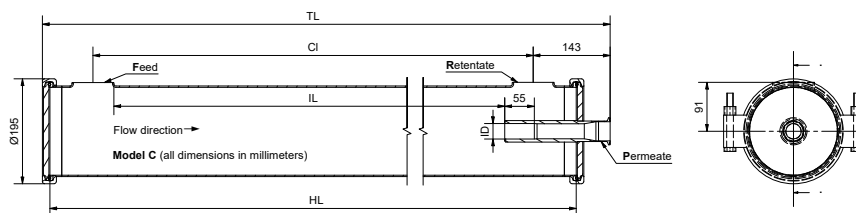
MHA-6-16bar-3-element - Model A		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 68 liters		Dry weight 45 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-3-76-38-A	W-025096	3 x 38"	Ø28.9	Ø76	Ø38	3307	3230	3070	2978
MHA-6-16-3-63-38-A	W-025102	3 x 38"	Ø28.9	Ø63.5	Ø38	3307	3230	3070	2984
MHA-6-16-3-51-38-A	W-025108	3 x 38"	Ø28.9	Ø51	Ø38	3307	3230	3070	2990
MHA-6-16-3-65-38-A	W-025114	3 x 38"	Ø28.9	DN65	Ø38	3307	3230	3070	2981
MHA-6-16-3-50-38-A	W-025120	3 x 38"	Ø28.9	DN50	Ø38	3307	3230	3070	2989
MHA-6-16-3-76-25-A	W-025126	3 x 38"	Ø28.9	Ø76	Ø25	3307	3230	3070	2978
MHA-6-16-3-63-25-A	W-025132	3 x 38"	Ø28.9	Ø63.5	Ø25	3307	3230	3070	2984
MHA-6-16-3-51-25-A	W-025138	3 x 38"	Ø28.9	Ø51	Ø25	3307	3230	3070	2990
MHA-6-16-3-65-25-A	W-025144	3 x 38"	Ø28.9	DN65	Ø25	3307	3230	3070	2981
MHA-6-16-3-50-25-A	W-025150	3 x 38"	Ø28.9	DN50	Ø25	3307	3230	3070	2989
MHA-6-16-3-76-40-A	W-025156	3 x 38"	Ø28.9	Ø76	DN40	3307	3230	3070	2978
MHA-6-16-3-63-40-A	W-025162	3 x 38"	Ø28.9	Ø63.5	DN40	3307	3230	3070	2984
MHA-6-16-3-51-40-A	W-025168	3 x 38"	Ø28.9	Ø51	DN40	3307	3230	3070	2990
MHA-6-16-3-65-40-A	W-025174	3 x 38"	Ø28.9	DN65	DN40	3307	3230	3070	2981
MHA-6-16-3-50-40-A	W-025180	3 x 38"	Ø28.9	DN50	DN40	3307	3230	3070	2989
MHA-6-16-3-76-26-A	W-025186	3 x 38"	Ø28.9	Ø76	DN25	3307	3230	3070	2978
MHA-6-16-3-63-26-A	W-025192	3 x 38"	Ø28.9	Ø63.5	DN25	3307	3230	3070	2984
MHA-6-16-3-51-26-A	W-025198	3 x 38"	Ø28.9	Ø51	DN25	3307	3230	3070	2990
MHA-6-16-3-65-26-A	W-025204	3 x 38"	Ø28.9	DN65	DN25	3307	3230	3070	2981
MHA-6-16-3-50-26-A	W-025210	3 x 38"	Ø28.9	DN50	DN25	3307	3230	3070	2989
MHA-6-16-3-3.0-1.5A	W-028762	3 x 38"	Ø28.9	3.0"	1.5"	3307	3230	3070	2978
MHA-6-16-3-2.5-1.5A	W-028768	3 x 38"	Ø28.9	2.5"	1.5"	3307	3230	3070	2984
MHA-6-16-3-2.0-1.5A	W-028774	3 x 38"	Ø28.9	2.0"	1.5"	3307	3230	3070	2990
MHA-6-16-3-3.0-1.0A	W-028780	3 x 38"	Ø28.9	3.0"	1.0"	3307	3230	3070	2978
MHA-6-16-3-2.5-1.0A	W-028786	3 x 38"	Ø28.9	2.5"	1.0"	3307	3230	3070	2984
MHA-6-16-3-2.0-1.0A	W-028792	3 x 38"	Ø28.9	2.0"	1.0"	3307	3230	3070	2990



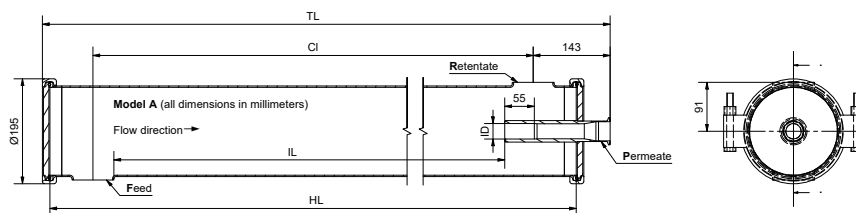
MHA-6-16bar-3-element - Model C		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 68 liters		Dry weight 45 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-3-76-38-C	W-025216	3 x 38"	Ø28.9	Ø76	Ø38	3307	3230	3070	2978
MHA-6-16-3-63-38-C	W-025222	3 x 38"	Ø28.9	Ø63.5	Ø38	3307	3230	3070	2984
MHA-6-16-3-51-38-C	W-025228	3 x 38"	Ø28.9	Ø51	Ø38	3307	3230	3070	2990
MHA-6-16-3-65-38-C	W-025234	3 x 38"	Ø28.9	DN65	Ø38	3307	3230	3070	2981
MHA-6-16-3-50-38-C	W-025240	3 x 38"	Ø28.9	DN50	Ø38	3307	3230	3070	2989
MHA-6-16-3-76-25-C	W-025246	3 x 38"	Ø28.9	Ø76	Ø25	3307	3230	3070	2978
MHA-6-16-3-63-25-C	W-025252	3 x 38"	Ø28.9	Ø63.5	Ø25	3307	3230	3070	2984
MHA-6-16-3-51-25-C	W-025258	3 x 38"	Ø28.9	Ø51	Ø25	3307	3230	3070	2990
MHA-6-16-3-65-25-C	W-025264	3 x 38"	Ø28.9	DN65	Ø25	3307	3230	3070	2981
MHA-6-16-3-50-25-C	W-025270	3 x 38"	Ø28.9	DN50	Ø25	3307	3230	3070	2989
MHA-6-16-3-76-40-C	W-025276	3 x 38"	Ø28.9	Ø76	DN40	3307	3230	3070	2978
MHA-6-16-3-63-40-C	W-025282	3 x 38"	Ø28.9	Ø63.5	DN40	3307	3230	3070	2984
MHA-6-16-3-51-40-C	W-025288	3 x 38"	Ø28.9	Ø51	DN40	3307	3230	3070	2990
MHA-6-16-3-65-40-C	W-025294	3 x 38"	Ø28.9	DN65	DN40	3307	3230	3070	2981
MHA-6-16-3-50-40-C	W-025300	3 x 38"	Ø28.9	DN50	DN40	3307	3230	3070	2989
MHA-6-16-3-76-26-C	W-025306	3 x 38"	Ø28.9	Ø76	DN25	3307	3230	3070	2978
MHA-6-16-3-63-26-C	W-025312	3 x 38"	Ø28.9	Ø63.5	DN25	3307	3230	3070	2984
MHA-6-16-3-51-26-C	W-025318	3 x 38"	Ø28.9	Ø51	DN25	3307	3230	3070	2990
MHA-6-16-3-65-26-C	W-025324	3 x 38"	Ø28.9	DN65	DN25	3307	3230	3070	2981
MHA-6-16-3-50-26-C	W-025330	3 x 38"	Ø28.9	DN50	DN25	3307	3230	3070	2989
MHA-6-16-3-3.0-1.5C	W-028798	3 x 38"	Ø28.9	3.0"	1.5"	3307	3230	3070	2978
MHA-6-16-3-2.5-1.5C	W-028804	3 x 38"	Ø28.9	2.5"	1.5"	3307	3230	3070	2984
MHA-6-16-3-2.0-1.5C	W-028810	3 x 38"	Ø28.9	2.0"	1.5"	3307	3230	3070	2990
MHA-6-16-3-3.0-1.0C	W-028816	3 x 38"	Ø28.9	3.0"	1.0"	3307	3230	3070	2978
MHA-6-16-3-2.5-1.0C	W-028822	3 x 38"	Ø28.9	2.5"	1.0"	3307	3230	3070	2984
MHA-6-16-3-2.0-1.0C	W-028828	3 x 38"	Ø28.9	2.0"	1.0"	3307	3230	3070	2990



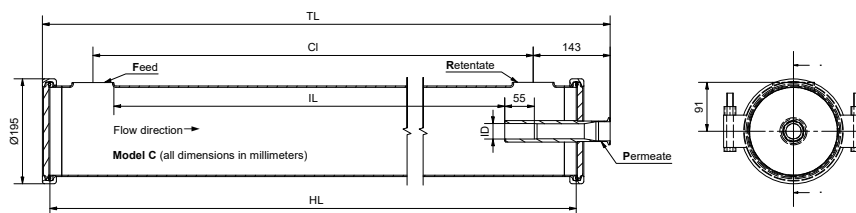
MHA-6-16bar-4-element - Model A		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 88 liters		Dry weight 55 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-4-76-38-A	W-025097	4 x 38"	Ø28.9	Ø76	Ø38	4287	4210	4050	3958
MHA-6-16-4-63-38-A	W-025103	4 x 38"	Ø28.9	Ø63.5	Ø38	4287	4210	4050	3964
MHA-6-16-4-51-38-A	W-025109	4 x 38"	Ø28.9	Ø51	Ø38	4287	4210	4050	3970
MHA-6-16-4-65-38-A	W-025115	4 x 38"	Ø28.9	DN65	Ø38	4287	4210	4050	3961
MHA-6-16-4-50-38-A	W-025121	4 x 38"	Ø28.9	DN50	Ø38	4287	4210	4050	3969
MHA-6-16-4-76-25-A	W-025127	4 x 38"	Ø28.9	Ø76	Ø25	4287	4210	4050	3958
MHA-6-16-4-63-25-A	W-025133	4 x 38"	Ø28.9	Ø63.5	Ø25	4287	4210	4050	3964
MHA-6-16-4-51-25-A	W-025139	4 x 38"	Ø28.9	Ø51	Ø25	4287	4210	4050	3970
MHA-6-16-4-65-25-A	W-025145	4 x 38"	Ø28.9	DN65	Ø25	4287	4210	4050	3961
MHA-6-16-4-50-25-A	W-025151	4 x 38"	Ø28.9	DN50	Ø25	4287	4210	4050	3969
MHA-6-16-4-76-40-A	W-025157	4 x 38"	Ø28.9	Ø76	DN40	4287	4210	4050	3958
MHA-6-16-4-63-40-A	W-025163	4 x 38"	Ø28.9	Ø63.5	DN40	4287	4210	4050	3964
MHA-6-16-4-51-40-A	W-025169	4 x 38"	Ø28.9	Ø51	DN40	4287	4210	4050	3970
MHA-6-16-4-65-40-A	W-025175	4 x 38"	Ø28.9	DN65	DN40	4287	4210	4050	3961
MHA-6-16-4-50-40-A	W-025181	4 x 38"	Ø28.9	DN50	DN40	4287	4210	4050	3969
MHA-6-16-4-76-26-A	W-025187	4 x 38"	Ø28.9	Ø76	DN25	4287	4210	4050	3958
MHA-6-16-4-63-26-A	W-025193	4 x 38"	Ø28.9	Ø63.5	DN25	4287	4210	4050	3964
MHA-6-16-4-51-26-A	W-025199	4 x 38"	Ø28.9	Ø51	DN25	4287	4210	4050	3970
MHA-6-16-4-65-26-A	W-025205	4 x 38"	Ø28.9	DN65	DN25	4287	4210	4050	3961
MHA-6-16-4-50-26-A	W-025211	4 x 38"	Ø28.9	DN50	DN25	4287	4210	4050	3969
MHA-6-16-4-3.0-1.5A	W-028763	4 x 38"	Ø28.9	3.0"	1.5"	4287	4210	4050	3958
MHA-6-16-4-2.5-1.5A	W-028769	4 x 38"	Ø28.9	2.5"	1.5"	4287	4210	4050	3964
MHA-6-16-4-2.0-1.5A	W-028775	4 x 38"	Ø28.9	2.0"	1.5"	4287	4210	4050	3970
MHA-6-16-4-3.0-1.0A	W-028781	4 x 38"	Ø28.9	3.0"	1.0"	4287	4210	4050	3958
MHA-6-16-4-2.5-1.0A	W-028787	4 x 38"	Ø28.9	2.5"	1.0"	4287	4210	4050	3964
MHA-6-16-4-2.0-1.0A	W-028793	4 x 38"	Ø28.9	2.0"	1.0"	4287	4210	4050	3970



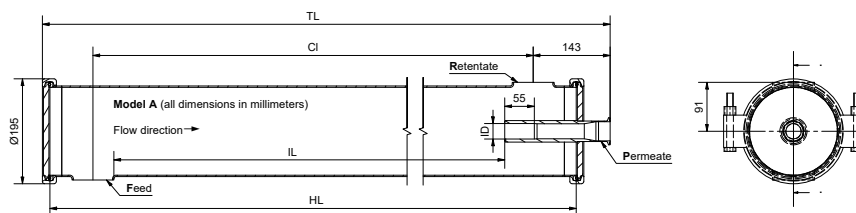
MHA-6-16bar-4-element - Model C		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 88 liters		Dry weight 55 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-4-76-38-C	W-025217	4 x 38"	Ø28.9	Ø76	Ø38	4287	4210	4050	3958
MHA-6-16-4-63-38-C	W-025223	4 x 38"	Ø28.9	Ø63.5	Ø38	4287	4210	4050	3964
MHA-6-16-4-51-38-C	W-025229	4 x 38"	Ø28.9	Ø51	Ø38	4287	4210	4050	3970
MHA-6-16-4-65-38-C	W-025235	4 x 38"	Ø28.9	DN65	Ø38	4287	4210	4050	3961
MHA-6-16-4-50-38-C	W-025241	4 x 38"	Ø28.9	DN50	Ø38	4287	4210	4050	3969
MHA-6-16-4-76-25-C	W-025247	4 x 38"	Ø28.9	Ø76	Ø25	4287	4210	4050	3958
MHA-6-16-4-63-25-C	W-025253	4 x 38"	Ø28.9	Ø63.5	Ø25	4287	4210	4050	3964
MHA-6-16-4-51-25-C	W-025259	4 x 38"	Ø28.9	Ø51	Ø25	4287	4210	4050	3970
MHA-6-16-4-65-25-C	W-025265	4 x 38"	Ø28.9	DN65	Ø25	4287	4210	4050	3961
MHA-6-16-4-50-25-C	W-025271	4 x 38"	Ø28.9	DN50	Ø25	4287	4210	4050	3969
MHA-6-16-4-76-40-C	W-025277	4 x 38"	Ø28.9	Ø76	DN40	4287	4210	4050	3958
MHA-6-16-4-63-40-C	W-025283	4 x 38"	Ø28.9	Ø63.5	DN40	4287	4210	4050	3964
MHA-6-16-4-51-40-C	W-025289	4 x 38"	Ø28.9	Ø51	DN40	4287	4210	4050	3970
MHA-6-16-4-65-40-C	W-025295	4 x 38"	Ø28.9	DN65	DN40	4287	4210	4050	3961
MHA-6-16-4-50-40-C	W-025301	4 x 38"	Ø28.9	DN50	DN40	4287	4210	4050	3969
MHA-6-16-4-76-26-C	W-025307	4 x 38"	Ø28.9	Ø76	DN25	4287	4210	4050	3958
MHA-6-16-4-63-26-C	W-025313	4 x 38"	Ø28.9	Ø63.5	DN25	4287	4210	4050	3964
MHA-6-16-4-51-26-C	W-025319	4 x 38"	Ø28.9	Ø51	DN25	4287	4210	4050	3970
MHA-6-16-4-65-26-C	W-025325	4 x 38"	Ø28.9	DN65	DN25	4287	4210	4050	3961
MHA-6-16-4-50-26-C	W-025331	4 x 38"	Ø28.9	DN50	DN25	4287	4210	4050	3969
MHA-6-16-4-3.0-1.5C	W-028799	4 x 38"	Ø28.9	3.0"	1.5"	4287	4210	4050	3958
MHA-6-16-4-2.5-1.5C	W-028805	4 x 38"	Ø28.9	2.5"	1.5"	4287	4210	4050	3964
MHA-6-16-4-2.0-1.5C	W-028811	4 x 38"	Ø28.9	2.0"	1.5"	4287	4210	4050	3970
MHA-6-16-4-3.0-1.0C	W-028817	4 x 38"	Ø28.9	3.0"	1.0"	4287	4210	4050	3958
MHA-6-16-4-2.5-1.0C	W-028823	4 x 38"	Ø28.9	2.5"	1.0"	4287	4210	4050	3964
MHA-6-16-4-2.0-1.0C	W-028829	4 x 38"	Ø28.9	2.0"	1.0"	4287	4210	4050	3970



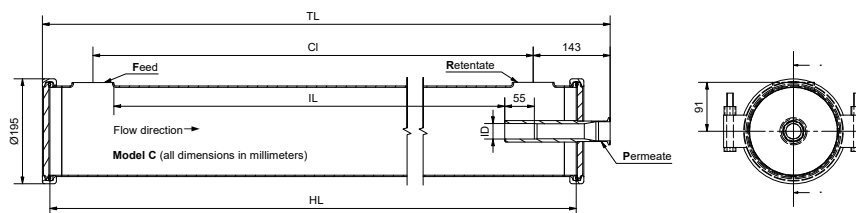
MHA-6-16bar-5-element - Model A		Element type 6338		Maximum pressure / Maximum temperature					
		Quantity	Permeate	16 barg / 70°C		Volume 109 liters		Dry weight 65 kg	
Stock number	Drawing number	6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-5-76-38-A	W-025098	5 x 38"	Ø28.9	Ø76	Ø38	5272	5195	5035	4943
MHA-6-16-5-63-38-A	W-025104	5 x 38"	Ø28.9	Ø63.5	Ø38	5272	5195	5035	4949
MHA-6-16-5-51-38-A	W-025110	5 x 38"	Ø28.9	Ø51	Ø38	5272	5195	5035	4955
MHA-6-16-5-65-38-A	W-025116	5 x 38"	Ø28.9	DN65	Ø38	5272	5195	5035	4946
MHA-6-16-5-50-38-A	W-025122	5 x 38"	Ø28.9	DN50	Ø38	5272	5195	5035	4954
MHA-6-16-5-76-25-A	W-025128	5 x 38"	Ø28.9	Ø76	Ø25	5272	5195	5035	4943
MHA-6-16-5-63-25-A	W-025134	5 x 38"	Ø28.9	Ø63.5	Ø25	5272	5195	5035	4949
MHA-6-16-5-51-25-A	W-025140	5 x 38"	Ø28.9	Ø51	Ø25	5272	5195	5035	4955
MHA-6-16-5-65-25-A	W-025146	5 x 38"	Ø28.9	DN65	Ø25	5272	5195	5035	4946
MHA-6-16-5-50-25-A	W-025152	5 x 38"	Ø28.9	DN50	Ø25	5272	5195	5035	4954
MHA-6-16-5-76-40-A	W-025158	5 x 38"	Ø28.9	Ø76	DN40	5272	5195	5035	4943
MHA-6-16-5-63-40-A	W-025164	5 x 38"	Ø28.9	Ø63.5	DN40	5272	5195	5035	4949
MHA-6-16-5-51-40-A	W-025170	5 x 38"	Ø28.9	Ø51	DN40	5272	5195	5035	4955
MHA-6-16-5-65-40-A	W-025176	5 x 38"	Ø28.9	DN65	DN40	5272	5195	5035	4946
MHA-6-16-5-50-40-A	W-025182	5 x 38"	Ø28.9	DN50	DN40	5272	5195	5035	4954
MHA-6-16-5-76-26-A	W-025188	5 x 38"	Ø28.9	Ø76	DN25	5272	5195	5035	4943
MHA-6-16-5-63-26-A	W-025194	5 x 38"	Ø28.9	Ø63.5	DN25	5272	5195	5035	4949
MHA-6-16-5-51-26-A	W-025200	5 x 38"	Ø28.9	Ø51	DN25	5272	5195	5035	4955
MHA-6-16-5-65-26-A	W-025206	5 x 38"	Ø28.9	DN65	DN25	5272	5195	5035	4946
MHA-6-16-5-50-26-A	W-025212	5 x 38"	Ø28.9	DN50	DN25	5272	5195	5035	4954
MHA-6-16-5-3.0-1.5A	W-028764	5 x 38"	Ø28.9	3.0"	1.5"	5272	5195	5035	4943
MHA-6-16-5-2.5-1.5A	W-028770	5 x 38"	Ø28.9	2.5"	1.5"	5272	5195	5035	4949
MHA-6-16-5-2.0-1.5A	W-028776	5 x 38"	Ø28.9	2.0"	1.5"	5272	5195	5035	4955
MHA-6-16-5-3.0-1.0A	W-028782	5 x 38"	Ø28.9	3.0"	1.0"	5272	5195	5035	4943
MHA-6-16-5-2.5-1.0A	W-028788	5 x 38"	Ø28.9	2.5"	1.0"	5272	5195	5035	4949
MHA-6-16-5-2.0-1.0A	W-028794	5 x 38"	Ø28.9	2.0"	1.0"	5272	5195	5035	4955



MHA-6-16bar-5-element - Model C		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 109 liters		Dry weight 65 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-5-76-38-C	W-025218	5 x 38"	Ø28.9	Ø76	Ø38	5272	5195	5035	4943
MHA-6-16-5-63-38-C	W-025224	5 x 38"	Ø28.9	Ø63.5	Ø38	5272	5195	5035	4949
MHA-6-16-5-51-38-C	W-025230	5 x 38"	Ø28.9	Ø51	Ø38	5272	5195	5035	4955
MHA-6-16-5-65-38-C	W-025236	5 x 38"	Ø28.9	DN65	Ø38	5272	5195	5035	4946
MHA-6-16-5-50-38-C	W-025242	5 x 38"	Ø28.9	DN50	Ø38	5272	5195	5035	4954
MHA-6-16-5-76-25-C	W-025248	5 x 38"	Ø28.9	Ø76	Ø25	5272	5195	5035	4943
MHA-6-16-5-63-25-C	W-025254	5 x 38"	Ø28.9	Ø63.5	Ø25	5272	5195	5035	4949
MHA-6-16-5-51-25-C	W-025260	5 x 38"	Ø28.9	Ø51	Ø25	5272	5195	5035	4955
MHA-6-16-5-65-25-C	W-025266	5 x 38"	Ø28.9	DN65	Ø25	5272	5195	5035	4946
MHA-6-16-5-50-25-C	W-025272	5 x 38"	Ø28.9	DN50	Ø25	5272	5195	5035	4954
MHA-6-16-5-76-40-C	W-025278	5 x 38"	Ø28.9	Ø76	DN40	5272	5195	5035	4943
MHA-6-16-5-63-40-C	W-025284	5 x 38"	Ø28.9	Ø63.5	DN40	5272	5195	5035	4949
MHA-6-16-5-51-40-C	W-025290	5 x 38"	Ø28.9	Ø51	DN40	5272	5195	5035	4955
MHA-6-16-5-65-40-C	W-025296	5 x 38"	Ø28.9	DN65	DN40	5272	5195	5035	4946
MHA-6-16-5-50-40-C	W-025302	5 x 38"	Ø28.9	DN50	DN40	5272	5195	5035	4954
MHA-6-16-5-76-26-C	W-025308	5 x 38"	Ø28.9	Ø76	DN25	5272	5195	5035	4943
MHA-6-16-5-63-26-C	W-025314	5 x 38"	Ø28.9	Ø63.5	DN25	5272	5195	5035	4949
MHA-6-16-5-51-26-C	W-025320	5 x 38"	Ø28.9	Ø51	DN25	5272	5195	5035	4955
MHA-6-16-5-65-26-C	W-025326	5 x 38"	Ø28.9	DN65	DN25	5272	5195	5035	4946
MHA-6-16-5-50-26-C	W-025332	5 x 38"	Ø28.9	DN50	DN25	5272	5195	5035	4954
MHA-6-16-5-3.0-1.5C	W-028800	5 x 38"	Ø28.9	3.0"	1.5"	5272	5195	5035	4943
MHA-6-16-5-2.5-1.5C	W-028806	5 x 38"	Ø28.9	2.5"	1.5"	5272	5195	5035	4949
MHA-6-16-5-2.0-1.5C	W-028812	5 x 38"	Ø28.9	2.0"	1.5"	5272	5195	5035	4955
MHA-6-16-5-3.0-1.0C	W-028818	5 x 38"	Ø28.9	3.0"	1.0"	5272	5195	5035	4943
MHA-6-16-5-2.5-1.0C	W-028824	5 x 38"	Ø28.9	2.5"	1.0"	5272	5195	5035	4949
MHA-6-16-5-2.0-1.0C	W-028830	5 x 38"	Ø28.9	2.0"	1.0"	5272	5195	5035	4955



MHA-6-16bar-6-element - Model A		Element type 6338		Maximum pressure / Maximum temperature					
		Quantity	Permeate	16 barg / 70°C		Volume 130 liters		Dry weight 75 kg	
Stock number	Drawing number	6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-6-76-38-A	W-025099	6 x 38"	Ø28.9	Ø76	Ø38	6252	6175	6015	5928
MHA-6-16-6-63-38-A	W-025105	6 x 38"	Ø28.9	Ø63.5	Ø38	6252	6175	6015	5934
MHA-6-16-6-51-38-A	W-025111	6 x 38"	Ø28.9	Ø51	Ø38	6252	6175	6015	5940
MHA-6-16-6-65-38-A	W-025117	6 x 38"	Ø28.9	DN65	Ø38	6252	6175	6015	5931
MHA-6-16-6-50-38-A	W-025123	6 x 38"	Ø28.9	DN50	Ø38	6252	6175	6015	5939
MHA-6-16-6-76-25-A	W-025129	6 x 38"	Ø28.9	Ø76	Ø25	6252	6175	6015	5928
MHA-6-16-6-63-25-A	W-025135	6 x 38"	Ø28.9	Ø63.5	Ø25	6252	6175	6015	5934
MHA-6-16-6-51-25-A	W-025141	6 x 38"	Ø28.9	Ø51	Ø25	6252	6175	6015	5940
MHA-6-16-6-65-25-A	W-025147	6 x 38"	Ø28.9	DN65	Ø25	6252	6175	6015	5931
MHA-6-16-6-50-25-A	W-025153	6 x 38"	Ø28.9	DN50	Ø25	6252	6175	6015	5939
MHA-6-16-6-76-40-A	W-025159	6 x 38"	Ø28.9	Ø76	DN40	6252	6175	6015	5928
MHA-6-16-6-63-40-A	W-025165	6 x 38"	Ø28.9	Ø63.5	DN40	6252	6175	6015	5934
MHA-6-16-6-51-40-A	W-025171	6 x 38"	Ø28.9	Ø51	DN40	6252	6175	6015	5940
MHA-6-16-6-65-40-A	W-025177	6 x 38"	Ø28.9	DN65	DN40	6252	6175	6015	5931
MHA-6-16-6-50-40-A	W-025183	6 x 38"	Ø28.9	DN50	DN40	6252	6175	6015	5939
MHA-6-16-6-76-26-A	W-025189	6 x 38"	Ø28.9	Ø76	DN25	6252	6175	6015	5928
MHA-6-16-6-63-26-A	W-025195	6 x 38"	Ø28.9	Ø63.5	DN25	6252	6175	6015	5934
MHA-6-16-6-51-26-A	W-025201	6 x 38"	Ø28.9	Ø51	DN25	6252	6175	6015	5940
MHA-6-16-6-65-26-A	W-025207	6 x 38"	Ø28.9	DN65	DN25	6252	6175	6015	5931
MHA-6-16-6-50-26-A	W-025213	6 x 38"	Ø28.9	DN50	DN25	6252	6175	6015	5939
MHA-6-16-6-3.0-1.5A	W-028765	6 x 38"	Ø28.9	3.0"	1.5"	6252	6175	6015	5928
MHA-6-16-6-2.5-1.5A	W-028771	6 x 38"	Ø28.9	2.5"	1.5"	6252	6175	6015	5934
MHA-6-16-6-2.0-1.5A	W-028777	6 x 38"	Ø28.9	2.0"	1.5"	6252	6175	6015	5940
MHA-6-16-6-3.0-1.0A	W-028783	6 x 38"	Ø28.9	3.0"	1.0"	6252	6175	6015	5928
MHA-6-16-6-2.5-1.0A	W-028789	6 x 38"	Ø28.9	2.5"	1.0"	6252	6175	6015	5934
MHA-6-16-6-2.0-1.0A	W-028795	6 x 38"	Ø28.9	2.0"	1.0"	6252	6175	6015	5940



MHA-6-16bar-6-element - Model C		Element type 6338		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	16 barg / 70°C		Volume 130 liters		Dry weight 75 kg	
		6.3" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-6-16-6-76-38-C	W-025219	6 x 38"	Ø28.9	Ø76	Ø38	6252	6175	6015	5928
MHA-6-16-6-63-38-C	W-025225	6 x 38"	Ø28.9	Ø63.5	Ø38	6252	6175	6015	5934
MHA-6-16-6-51-38-C	W-025231	6 x 38"	Ø28.9	Ø51	Ø38	6252	6175	6015	5940
MHA-6-16-6-65-38-C	W-025237	6 x 38"	Ø28.9	DN65	Ø38	6252	6175	6015	5931
MHA-6-16-6-50-38-C	W-025243	6 x 38"	Ø28.9	DN50	Ø38	6252	6175	6015	5939
MHA-6-16-6-76-25-C	W-025249	6 x 38"	Ø28.9	Ø76	Ø25	6252	6175	6015	5928
MHA-6-16-6-63-25-C	W-025255	6 x 38"	Ø28.9	Ø63.5	Ø25	6252	6175	6015	5934
MHA-6-16-6-51-25-C	W-025261	6 x 38"	Ø28.9	Ø51	Ø25	6252	6175	6015	5940
MHA-6-16-6-65-25-C	W-025267	6 x 38"	Ø28.9	DN65	Ø25	6252	6175	6015	5931
MHA-6-16-6-50-25-C	W-025273	6 x 38"	Ø28.9	DN50	Ø25	6252	6175	6015	5939
MHA-6-16-6-76-40-C	W-025279	6 x 38"	Ø28.9	Ø76	DN40	6252	6175	6015	5928
MHA-6-16-6-63-40-C	W-025285	6 x 38"	Ø28.9	Ø63.5	DN40	6252	6175	6015	5934
MHA-6-16-6-51-40-C	W-025291	6 x 38"	Ø28.9	Ø51	DN40	6252	6175	6015	5940
MHA-6-16-6-65-40-C	W-025297	6 x 38"	Ø28.9	DN65	DN40	6252	6175	6015	5931
MHA-6-16-6-50-40-C	W-025303	6 x 38"	Ø28.9	DN50	DN40	6252	6175	6015	5939
MHA-6-16-6-76-26-C	W-025309	6 x 38"	Ø28.9	Ø76	DN25	6252	6175	6015	5928
MHA-6-16-6-63-26-C	W-025315	6 x 38"	Ø28.9	Ø63.5	DN25	6252	6175	6015	5934
MHA-6-16-6-51-26-C	W-025321	6 x 38"	Ø28.9	Ø51	DN25	6252	6175	6015	5940
MHA-6-16-6-65-26-C	W-025327	6 x 38"	Ø28.9	DN65	DN25	6252	6175	6015	5931
MHA-6-16-6-50-26-C	W-025333	6 x 38"	Ø28.9	DN50	DN25	6252	6175	6015	5939
MHA-6-16-6-3.0-1.5C	W-028801	6 x 38"	Ø28.9	3.0"	1.5"	6252	6175	6015	5928
MHA-6-16-6-2.5-1.5C	W-028807	6 x 38"	Ø28.9	2.5"	1.5"	6252	6175	6015	5934
MHA-6-16-6-2.0-1.5C	W-028813	6 x 38"	Ø28.9	2.0"	1.5"	6252	6175	6015	5940
MHA-6-16-6-3.0-1.0C	W-028819	6 x 38"	Ø28.9	3.0"	1.0"	6252	6175	6015	5928
MHA-6-16-6-2.5-1.0C	W-028825	6 x 38"	Ø28.9	2.5"	1.0"	6252	6175	6015	5934
MHA-6-16-6-2.0-1.0C	W-028831	6 x 38"	Ø28.9	2.0"	1.0"	6252	6175	6015	5940

