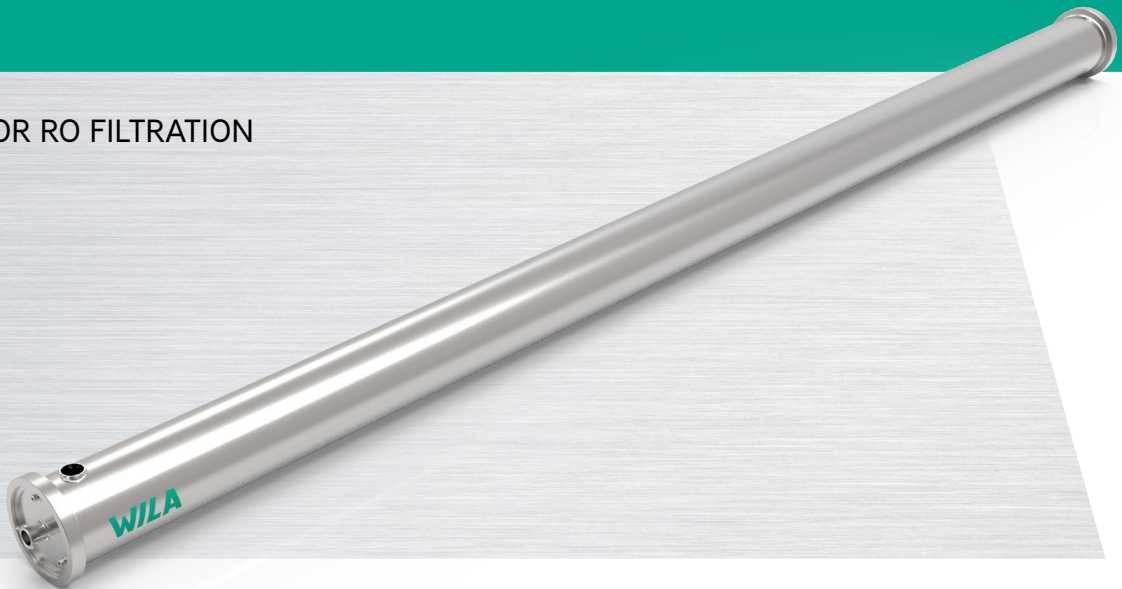


# MEMBRANE HOUSING

DETAILED OVERVIEW FOR TYPE 'MHA-8-64'  
HIGH PRESSURE - 64 BAR

FOR RO 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.



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## 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 both EN 1.4404 and EN 1.4462 Stainless steel.**

The Membrane Housing is designed for pressures up to 64 bar and temperatures up to 85°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).
- PED - Category I and EN 13445 for both 5 and 6 element housings.
- 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-8-64bar-X-element - Model \_

MHA	<b>Membrane Housing</b> with collaring connections for Feed and Retentate with <b>3A</b> certificate..	
8	The membrane housing is designed for 7.9" x 38" (8038) membranes.	
64bar	The Membrane Housing is designed for pressures up to 64 bar and temperatures up to 85°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-8-64-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

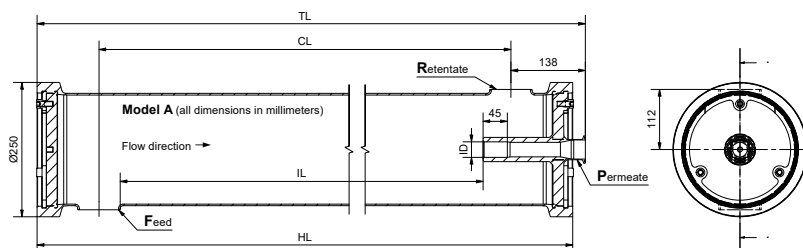
\*\*\*Collaring connections sizes - Other sizes are available

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"

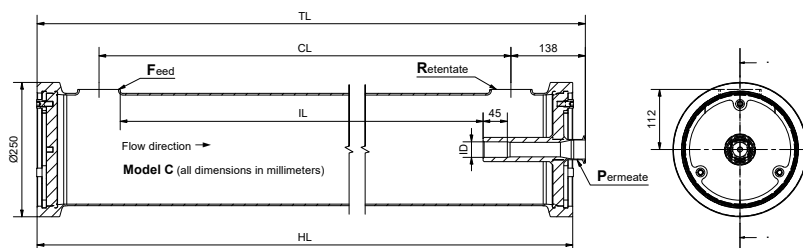
## Connections

For Feed and Retentate only use EN 1.4462 weld ends with a minimum 6 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 SSH 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.

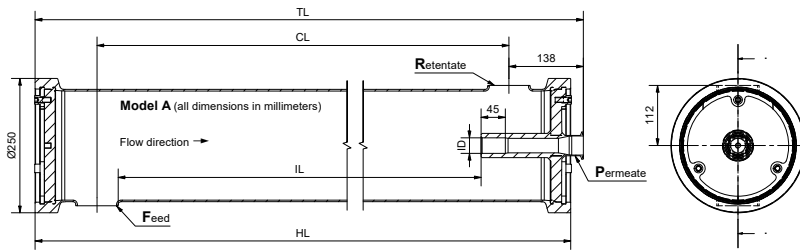
**Temperature and pressure limits must be respected at all times !**



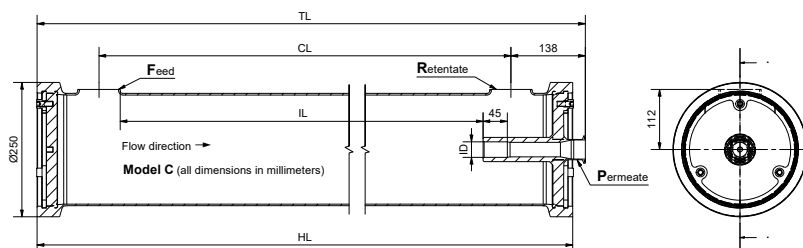
MHA-8-64bar-1-element - Model A		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 41 liters		Dry weight 43 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-1-76-38-A	W-025721	1 x 38"	Ø28.9	Ø76	Ø38	1348	1325	1095	1007
MHA-8-64-1-63-38-A	W-025727	1 x 38"	Ø28.9	Ø63.5	Ø38	1348	1325	1095	1013
MHA-8-64-1-51-38-A	W-025733	1 x 38"	Ø28.9	Ø51	Ø38	1348	1325	1095	1019
MHA-8-64-1-65-38-A	W-025739	1 x 38"	Ø28.9	DN65	Ø38	1348	1325	1095	1010
MHA-8-64-1-50-38-A	W-025745	1 x 38"	Ø28.9	DN50	Ø38	1348	1325	1095	1018
MHA-8-64-1-76-25-A	W-025751	1 x 38"	Ø28.9	Ø76	Ø25	1348	1325	1095	1007
MHA-8-64-1-63-25-A	W-025757	1 x 38"	Ø28.9	Ø63.5	Ø25	1348	1325	1095	1013
MHA-8-64-1-51-25-A	W-025763	1 x 38"	Ø28.9	Ø51	Ø25	1348	1325	1095	1019
MHA-8-64-1-65-25-A	W-025769	1 x 38"	Ø28.9	DN65	Ø25	1348	1325	1095	1010
MHA-8-64-1-50-25-A	W-025775	1 x 38"	Ø28.9	DN50	Ø25	1348	1325	1095	1018
MHA-8-64-1-76-40-A	W-025781	1 x 38"	Ø28.9	Ø76	DN40	1348	1325	1095	1007
MHA-8-64-1-63-40-A	W-025787	1 x 38"	Ø28.9	Ø63.5	DN40	1348	1325	1095	1013
MHA-8-64-1-51-40-A	W-025793	1 x 38"	Ø28.9	Ø51	DN40	1348	1325	1095	1019
MHA-8-64-1-65-40-A	W-025799	1 x 38"	Ø28.9	DN65	DN40	1348	1325	1095	1010
MHA-8-64-1-50-40-A	W-025805	1 x 38"	Ø28.9	DN50	DN40	1348	1325	1095	1018
MHA-8-64-1-76-26-A	W-025811	1 x 38"	Ø28.9	Ø76	DN25	1348	1325	1095	1007
MHA-8-64-1-63-26-A	W-025817	1 x 38"	Ø28.9	Ø63.5	DN25	1348	1325	1095	1013
MHA-8-64-1-51-26-A	W-025823	1 x 38"	Ø28.9	Ø51	DN25	1348	1325	1095	1019
MHA-8-64-1-65-26-A	W-025829	1 x 38"	Ø28.9	DN65	DN25	1348	1325	1095	1010
MHA-8-64-1-50-26-A	W-025835	1 x 38"	Ø28.9	DN50	DN25	1348	1325	1095	1018
MHA-8-64-1-3.0-1.5A	W-028952	1 x 38"	Ø28.9	3.0"	1.5"	1348	1325	1095	1007
MHA-8-64-1-2.5-1.5A	W-028958	1 x 38"	Ø28.9	2.5"	1.5"	1348	1325	1095	1013
MHA-8-64-1-2.0-1.5A	W-028964	1 x 38"	Ø28.9	2.0"	1.5"	1348	1325	1095	1019
MHA-8-64-1-3.0-1.0A	W-028970	1 x 38"	Ø28.9	3.0"	1.0"	1348	1325	1095	1007
MHA-8-64-1-2.5-1.0A	W-028976	1 x 38"	Ø28.9	2.5"	1.0"	1348	1325	1095	1013
MHA-8-64-1-2.0-1.0A	W-028982	1 x 38"	Ø28.9	2.0"	1.0"	1348	1325	1095	1019



MHA-8-64bar-1-element - Model C		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 41 liters		Dry weight 43 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-1-76-38-C	W-025841	1 x 38"	Ø28.9	Ø76	Ø38	1348	1325	1095	1007
MHA-8-64-1-63-38-C	W-025847	1 x 38"	Ø28.9	Ø63.5	Ø38	1348	1325	1095	1013
MHA-8-64-1-51-38-C	W-025853	1 x 38"	Ø28.9	Ø51	Ø38	1348	1325	1095	1019
MHA-8-64-1-65-38-C	W-025859	1 x 38"	Ø28.9	DN65	Ø38	1348	1325	1095	1010
MHA-8-64-1-50-38-C	W-025865	1 x 38"	Ø28.9	DN50	Ø38	1348	1325	1095	1018
MHA-8-64-1-76-25-C	W-025871	1 x 38"	Ø28.9	Ø76	Ø25	1348	1325	1095	1007
MHA-8-64-1-63-25-C	W-025877	1 x 38"	Ø28.9	Ø63.5	Ø25	1348	1325	1095	1013
MHA-8-64-1-51-25-C	W-025883	1 x 38"	Ø28.9	Ø51	Ø25	1348	1325	1095	1019
MHA-8-64-1-65-25-C	W-025889	1 x 38"	Ø28.9	DN65	Ø25	1348	1325	1095	1010
MHA-8-64-1-50-25-C	W-025895	1 x 38"	Ø28.9	DN50	Ø25	1348	1325	1095	1018
MHA-8-64-1-76-40-C	W-025901	1 x 38"	Ø28.9	Ø76	DN40	1348	1325	1095	1007
MHA-8-64-1-63-40-C	W-025907	1 x 38"	Ø28.9	Ø63.5	DN40	1348	1325	1095	1013
MHA-8-64-1-51-40-C	W-025913	1 x 38"	Ø28.9	Ø51	DN40	1348	1325	1095	1019
MHA-8-64-1-65-40-C	W-025919	1 x 38"	Ø28.9	DN65	DN40	1348	1325	1095	1010
MHA-8-64-1-50-40-C	W-025925	1 x 38"	Ø28.9	DN50	DN40	1348	1325	1095	1018
MHA-8-64-1-76-26-C	W-025931	1 x 38"	Ø28.9	Ø76	DN25	1348	1325	1095	1007
MHA-8-64-1-63-26-C	W-025937	1 x 38"	Ø28.9	Ø63.5	DN25	1348	1325	1095	1013
MHA-8-64-1-51-26-C	W-025943	1 x 38"	Ø28.9	Ø51	DN25	1348	1325	1095	1019
MHA-8-64-1-65-26-C	W-025949	1 x 38"	Ø28.9	DN65	DN25	1348	1325	1095	1010
MHA-8-64-1-50-26-C	W-025955	1 x 38"	Ø28.9	DN50	DN25	1348	1325	1095	1018
MHA-8-64-1-3.0-1.5C	W-028988	1 x 38"	Ø28.9	3.0"	1.5"	1348	1325	1095	1007
MHA-8-64-1-2.5-1.5C	W-028994	1 x 38"	Ø28.9	2.5"	1.5"	1348	1325	1095	1013
MHA-8-64-1-2.0-1.5C	W-029000	1 x 38"	Ø28.9	2.0"	1.5"	1348	1325	1095	1019
MHA-8-64-1-3.0-1.0C	W-029006	1 x 38"	Ø28.9	3.0"	1.0"	1348	1325	1095	1007
MHA-8-64-1-2.5-1.0C	W-029012	1 x 38"	Ø28.9	2.5"	1.0"	1348	1325	1095	1013
MHA-8-64-1-2.0-1.0C	W-029018	1 x 38"	Ø28.9	2.0"	1.0"	1348	1325	1095	1019

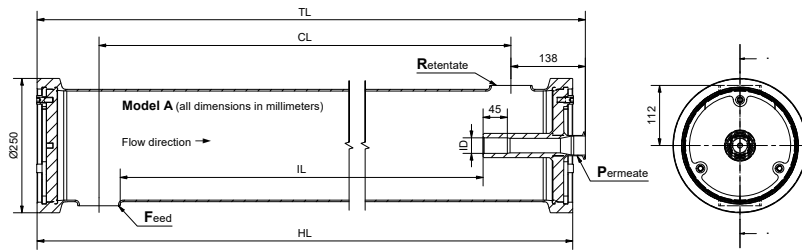


MHA-8-64bar-2-element - Model A		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 72 liters		Dry weight 62 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-2-76-38-A	W-025722	2 x 38"	Ø28.9	Ø76	Ø38	2328	2305	2075	1984
MHA-8-64-2-63-38-A	W-025728	2 x 38"	Ø28.9	Ø63.5	Ø38	2328	2305	2075	1990
MHA-8-64-2-51-38-A	W-025734	2 x 38"	Ø28.9	Ø51	Ø38	2328	2305	2075	1996
MHA-8-64-2-65-38-A	W-025740	2 x 38"	Ø28.9	DN65	Ø38	2328	2305	2075	1987
MHA-8-64-2-50-38-A	W-025746	2 x 38"	Ø28.9	DN50	Ø38	2328	2305	2075	1995
MHA-8-64-2-76-25-A	W-025752	2 x 38"	Ø28.9	Ø76	Ø25	2328	2305	2075	1984
MHA-8-64-2-63-25-A	W-025758	2 x 38"	Ø28.9	Ø63.5	Ø25	2328	2305	2075	1990
MHA-8-64-2-51-25-A	W-025764	2 x 38"	Ø28.9	Ø51	Ø25	2328	2305	2075	1996
MHA-8-64-2-65-25-A	W-025770	2 x 38"	Ø28.9	DN65	Ø25	2328	2305	2075	1987
MHA-8-64-2-50-25-A	W-025776	2 x 38"	Ø28.9	DN50	Ø25	2328	2305	2075	1995
MHA-8-64-2-76-40-A	W-025782	2 x 38"	Ø28.9	Ø76	DN40	2328	2305	2075	1984
MHA-8-64-2-63-40-A	W-025788	2 x 38"	Ø28.9	Ø63.5	DN40	2328	2305	2075	1990
MHA-8-64-2-51-40-A	W-025794	2 x 38"	Ø28.9	Ø51	DN40	2328	2305	2075	1996
MHA-8-64-2-65-40-A	W-025800	2 x 38"	Ø28.9	DN65	DN40	2328	2305	2075	1987
MHA-8-64-2-50-40-A	W-025806	2 x 38"	Ø28.9	DN50	DN40	2328	2305	2075	1995
MHA-8-64-2-76-26-A	W-025812	2 x 38"	Ø28.9	Ø76	DN25	2328	2305	2075	1984
MHA-8-64-2-63-26-A	W-025818	2 x 38"	Ø28.9	Ø63.5	DN25	2328	2305	2075	1990
MHA-8-64-2-51-26-A	W-025824	2 x 38"	Ø28.9	Ø51	DN25	2328	2305	2075	1996
MHA-8-64-2-65-26-A	W-025830	2 x 38"	Ø28.9	DN65	DN25	2328	2305	2075	1987
MHA-8-64-2-50-26-A	W-025836	2 x 38"	Ø28.9	DN50	DN25	2328	2305	2075	1995
MHA-8-64-2-3.0-1.5A	W-028953	2 x 38"	Ø28.9	3.0"	1.5"	2328	2305	2075	1984
MHA-8-64-2-2.5-1.5A	W-028959	2 x 38"	Ø28.9	2.5"	1.5"	2328	2305	2075	1990
MHA-8-64-2-2.0-1.5A	W-028965	2 x 38"	Ø28.9	2.0"	1.5"	2328	2305	2075	1996
MHA-8-64-2-3.0-1.0A	W-028971	2 x 38"	Ø28.9	3.0"	1.0"	2328	2305	2075	1984
MHA-8-64-2-2.5-1.0A	W-028977	2 x 38"	Ø28.9	2.5"	1.0"	2328	2305	2075	1990
MHA-8-64-2-2.0-1.0A	W-028983	2 x 38"	Ø28.9	2.0"	1.0"	2328	2305	2075	1996

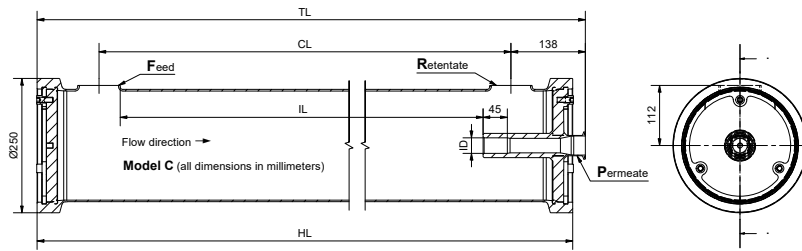


MHA-8-64bar-2-element - Model C		Element type 8038		Maximum pressure / Maximum temperature					
Stock number	Drawing number	Quantity	Permeate	64 barg / 85°C		Volume 72 liters		Dry weight 62 kg	
		7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-2-76-38-C	W-025842	2 x 38"	Ø28.9	Ø76	Ø38	2328	2305	2075	1984
MHA-8-64-2-63-38-C	W-025848	2 x 38"	Ø28.9	Ø63.5	Ø38	2328	2305	2075	1990
MHA-8-64-2-51-38-C	W-025854	2 x 38"	Ø28.9	Ø51	Ø38	2328	2305	2075	1996
MHA-8-64-2-65-38-C	W-025860	2 x 38"	Ø28.9	DN65	Ø38	2328	2305	2075	1987
MHA-8-64-2-50-38-C	W-025866	2 x 38"	Ø28.9	DN50	Ø38	2328	2305	2075	1995
MHA-8-64-2-76-25-C	W-025872	2 x 38"	Ø28.9	Ø76	Ø25	2328	2305	2075	1984
MHA-8-64-2-63-25-C	W-025878	2 x 38"	Ø28.9	Ø63.5	Ø25	2328	2305	2075	1990
MHA-8-64-2-51-25-C	W-025884	2 x 38"	Ø28.9	Ø51	Ø25	2328	2305	2075	1996
MHA-8-64-2-65-25-C	W-025890	2 x 38"	Ø28.9	DN65	Ø25	2328	2305	2075	1987
MHA-8-64-2-50-25-C	W-025896	2 x 38"	Ø28.9	DN50	Ø25	2328	2305	2075	1995
MHA-8-64-2-76-40-C	W-025902	2 x 38"	Ø28.9	Ø76	DN40	2328	2305	2075	1984
MHA-8-64-2-63-40-C	W-025908	2 x 38"	Ø28.9	Ø63.5	DN40	2328	2305	2075	1990
MHA-8-64-2-51-40-C	W-025914	2 x 38"	Ø28.9	Ø51	DN40	2328	2305	2075	1996
MHA-8-64-2-65-40-C	W-025920	2 x 38"	Ø28.9	DN65	DN40	2328	2305	2075	1987
MHA-8-64-2-50-40-C	W-025926	2 x 38"	Ø28.9	DN50	DN40	2328	2305	2075	1995
MHA-8-64-2-76-26-C	W-025932	2 x 38"	Ø28.9	Ø76	DN25	2328	2305	2075	1984
MHA-8-64-2-63-26-C	W-025938	2 x 38"	Ø28.9	Ø63.5	DN25	2328	2305	2075	1990
MHA-8-64-2-51-26-C	W-025944	2 x 38"	Ø28.9	Ø51	DN25	2328	2305	2075	1996
MHA-8-64-2-65-26-C	W-025950	2 x 38"	Ø28.9	DN65	DN25	2328	2305	2075	1987
MHA-8-64-2-50-26-C	W-025956	2 x 38"	Ø28.9	DN50	DN25	2328	2305	2075	1995
MHA-8-64-2-3.0-1.5C	W-028989	2 x 38"	Ø28.9	3.0"	1.5"	2328	2305	2075	1984
MHA-8-64-2-2.5-1.5C	W-028995	2 x 38"	Ø28.9	2.5"	1.5"	2328	2305	2075	1990
MHA-8-64-2-2.0-1.5C	W-029001	2 x 38"	Ø28.9	2.0"	1.5"	2328	2305	2075	1996
MHA-8-64-2-3.0-1.0C	W-029007	2 x 38"	Ø28.9	3.0"	1.0"	2328	2305	2075	1984
MHA-8-64-2-2.5-1.0C	W-029013	2 x 38"	Ø28.9	2.5"	1.0"	2328	2305	2075	1990
MHA-8-64-2-2.0-1.0C	W-029019	2 x 38"	Ø28.9	2.0"	1.0"	2328	2305	2075	1996

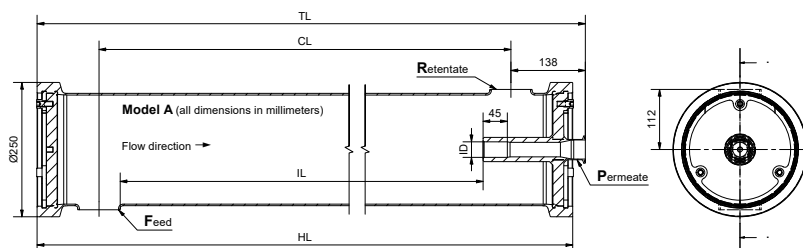




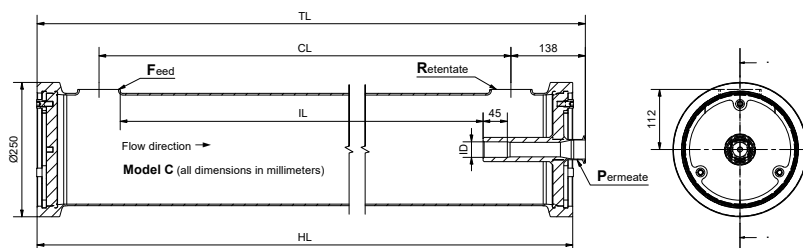
MHA-8-64bar-3-element - Model A		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 104 liters		Dry weight 78 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-3-76-38-A	W-025723	3 x 38"	Ø28.9	Ø76	Ø38	3313	3290	3060	2969
MHA-8-64-3-63-38-A	W-025729	3 x 38"	Ø28.9	Ø63.5	Ø38	3313	3290	3060	2975
MHA-8-64-3-51-38-A	W-025735	3 x 38"	Ø28.9	Ø51	Ø38	3313	3290	3060	2981
MHA-8-64-3-65-38-A	W-025741	3 x 38"	Ø28.9	DN65	Ø38	3313	3290	3060	2972
MHA-8-64-3-50-38-A	W-025747	3 x 38"	Ø28.9	DN50	Ø38	3313	3290	3060	2980
MHA-8-64-3-76-25-A	W-025753	3 x 38"	Ø28.9	Ø76	Ø25	3313	3290	3060	2969
MHA-8-64-3-63-25-A	W-025759	3 x 38"	Ø28.9	Ø63.5	Ø25	3313	3290	3060	2975
MHA-8-64-3-51-25-A	W-025765	3 x 38"	Ø28.9	Ø51	Ø25	3313	3290	3060	2981
MHA-8-64-3-65-25-A	W-025771	3 x 38"	Ø28.9	DN65	Ø25	3313	3290	3060	2972
MHA-8-64-3-50-25-A	W-025777	3 x 38"	Ø28.9	DN50	Ø25	3313	3290	3060	2980
MHA-8-64-3-76-40-A	W-025783	3 x 38"	Ø28.9	Ø76	DN40	3313	3290	3060	2969
MHA-8-64-3-63-40-A	W-025789	3 x 38"	Ø28.9	Ø63.5	DN40	3313	3290	3060	2975
MHA-8-64-3-51-40-A	W-025795	3 x 38"	Ø28.9	Ø51	DN40	3313	3290	3060	2981
MHA-8-64-3-65-40-A	W-025801	3 x 38"	Ø28.9	DN65	DN40	3313	3290	3060	2972
MHA-8-64-3-50-40-A	W-025807	3 x 38"	Ø28.9	DN50	DN40	3313	3290	3060	2980
MHA-8-64-3-76-26-A	W-025813	3 x 38"	Ø28.9	Ø76	DN25	3313	3290	3060	2969
MHA-8-64-3-63-26-A	W-025819	3 x 38"	Ø28.9	Ø63.5	DN25	3313	3290	3060	2975
MHA-8-64-3-51-26-A	W-025825	3 x 38"	Ø28.9	Ø51	DN25	3313	3290	3060	2981
MHA-8-64-3-65-26-A	W-025831	3 x 38"	Ø28.9	DN65	DN25	3313	3290	3060	2972
MHA-8-64-3-50-26-A	W-025837	3 x 38"	Ø28.9	DN50	DN25	3313	3290	3060	2980
MHA-8-64-3-3.0-1.5A	W-028954	3 x 38"	Ø28.9	3.0"	1.5"	3313	3290	3060	2969
MHA-8-64-3-2.5-1.5A	W-028960	3 x 38"	Ø28.9	2.5"	1.5"	3313	3290	3060	2975
MHA-8-64-3-2.0-1.5A	W-028966	3 x 38"	Ø28.9	2.0"	1.5"	3313	3290	3060	2981
MHA-8-64-3-3.0-1.0A	W-028972	3 x 38"	Ø28.9	3.0"	1.0"	3313	3290	3060	2969
MHA-8-64-3-2.5-1.0A	W-028978	3 x 38"	Ø28.9	2.5"	1.0"	3313	3290	3060	2975
MHA-8-64-3-2.0-1.0A	W-028984	3 x 38"	Ø28.9	2.0"	1.0"	3313	3290	3060	2981



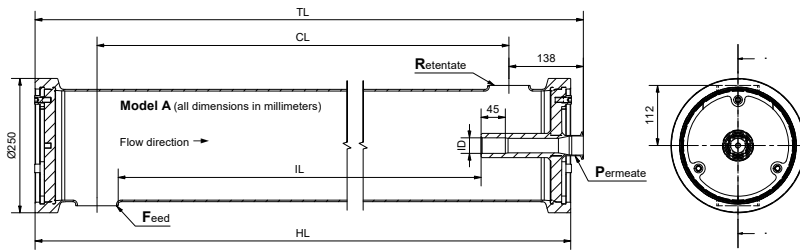
MHA-8-64bar-3-element - Model C		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 104 liters		Dry weight 78 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-3-76-38-C	W-025843	3 x 38"	Ø28.9	Ø76	Ø38	3313	3290	3060	2969
MHA-8-64-3-63-38-C	W-025849	3 x 38"	Ø28.9	Ø63.5	Ø38	3313	3290	3060	2975
MHA-8-64-3-51-38-C	W-025855	3 x 38"	Ø28.9	Ø51	Ø38	3313	3290	3060	2981
MHA-8-64-3-65-38-C	W-025861	3 x 38"	Ø28.9	DN65	Ø38	3313	3290	3060	2972
MHA-8-64-3-50-38-C	W-025867	3 x 38"	Ø28.9	DN50	Ø38	3313	3290	3060	2980
MHA-8-64-3-76-25-C	W-025873	3 x 38"	Ø28.9	Ø76	Ø25	3313	3290	3060	2969
MHA-8-64-3-63-25-C	W-025879	3 x 38"	Ø28.9	Ø63.5	Ø25	3313	3290	3060	2975
MHA-8-64-3-51-25-C	W-025885	3 x 38"	Ø28.9	Ø51	Ø25	3313	3290	3060	2981
MHA-8-64-3-65-25-C	W-025891	3 x 38"	Ø28.9	DN65	Ø25	3313	3290	3060	2972
MHA-8-64-3-50-25-C	W-025897	3 x 38"	Ø28.9	DN50	Ø25	3313	3290	3060	2980
MHA-8-64-3-76-40-C	W-025903	3 x 38"	Ø28.9	Ø76	DN40	3313	3290	3060	2969
MHA-8-64-3-63-40-C	W-025909	3 x 38"	Ø28.9	Ø63.5	DN40	3313	3290	3060	2975
MHA-8-64-3-51-40-C	W-025915	3 x 38"	Ø28.9	Ø51	DN40	3313	3290	3060	2981
MHA-8-64-3-65-40-C	W-025921	3 x 38"	Ø28.9	DN65	DN40	3313	3290	3060	2972
MHA-8-64-3-50-40-C	W-025927	3 x 38"	Ø28.9	DN50	DN40	3313	3290	3060	2980
MHA-8-64-3-76-26-C	W-025933	3 x 38"	Ø28.9	Ø76	DN25	3313	3290	3060	2969
MHA-8-64-3-63-26-C	W-025939	3 x 38"	Ø28.9	Ø63.5	DN25	3313	3290	3060	2975
MHA-8-64-3-51-26-C	W-025945	3 x 38"	Ø28.9	Ø51	DN25	3313	3290	3060	2981
MHA-8-64-3-65-26-C	W-025951	3 x 38"	Ø28.9	DN65	DN25	3313	3290	3060	2972
MHA-8-64-3-50-26-C	W-025957	3 x 38"	Ø28.9	DN50	DN25	3313	3290	3060	2980
MHA-8-64-3-3.0-1.5C	W-028990	3 x 38"	Ø28.9	3.0"	1.5"	3313	3290	3060	2969
MHA-8-64-3-2.5-1.5C	W-028996	3 x 38"	Ø28.9	2.5"	1.5"	3313	3290	3060	2975
MHA-8-64-3-2.0-1.5C	W-029002	3 x 38"	Ø28.9	2.0"	1.5"	3313	3290	3060	2981
MHA-8-64-3-3.0-1.0C	W-029008	3 x 38"	Ø28.9	3.0"	1.0"	3313	3290	3060	2969
MHA-8-64-3-2.5-1.0C	W-029014	3 x 38"	Ø28.9	2.5"	1.0"	3313	3290	3060	2975
MHA-8-64-3-2.0-1.0C	W-029020	3 x 38"	Ø28.9	2.0"	1.0"	3313	3290	3060	2981



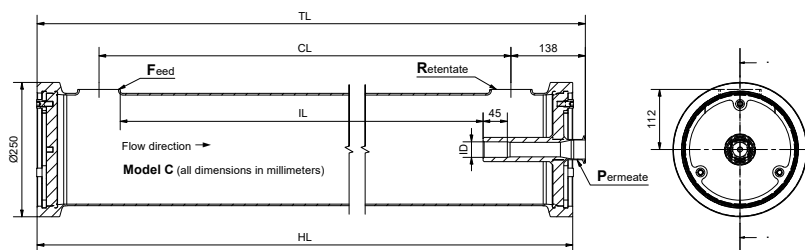
MHA-8-64bar-4-element - Model A		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 136 liters		Dry weight 94 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-4-76-38-A	W-025724	4 x 38"	Ø28.9	Ø76	Ø38	4293	4270	4040	3949
MHA-8-64-4-63-38-A	W-025730	4 x 38"	Ø28.9	Ø63.5	Ø38	4293	4270	4040	3955
MHA-8-64-4-51-38-A	W-025736	4 x 38"	Ø28.9	Ø51	Ø38	4293	4270	4040	3961
MHA-8-64-4-65-38-A	W-025742	4 x 38"	Ø28.9	DN65	Ø38	4293	4270	4040	3952
MHA-8-64-4-50-38-A	W-025748	4 x 38"	Ø28.9	DN50	Ø38	4293	4270	4040	3960
MHA-8-64-4-76-25-A	W-025754	4 x 38"	Ø28.9	Ø76	Ø25	4293	4270	4040	3949
MHA-8-64-4-63-25-A	W-025760	4 x 38"	Ø28.9	Ø63.5	Ø25	4293	4270	4040	3955
MHA-8-64-4-51-25-A	W-025766	4 x 38"	Ø28.9	Ø51	Ø25	4293	4270	4040	3961
MHA-8-64-4-65-25-A	W-025772	4 x 38"	Ø28.9	DN65	Ø25	4293	4270	4040	3952
MHA-8-64-4-50-25-A	W-025778	4 x 38"	Ø28.9	DN50	Ø25	4293	4270	4040	3960
MHA-8-64-4-76-40-A	W-025784	4 x 38"	Ø28.9	Ø76	DN40	4293	4270	4040	3949
MHA-8-64-4-63-40-A	W-025790	4 x 38"	Ø28.9	Ø63.5	DN40	4293	4270	4040	3955
MHA-8-64-4-51-40-A	W-025796	4 x 38"	Ø28.9	Ø51	DN40	4293	4270	4040	3961
MHA-8-64-4-65-40-A	W-025802	4 x 38"	Ø28.9	DN65	DN40	4293	4270	4040	3952
MHA-8-64-4-50-40-A	W-025808	4 x 38"	Ø28.9	DN50	DN40	4293	4270	4040	3960
MHA-8-64-4-76-26-A	W-025814	4 x 38"	Ø28.9	Ø76	DN25	4293	4270	4040	3949
MHA-8-64-4-63-26-A	W-025820	4 x 38"	Ø28.9	Ø63.5	DN25	4293	4270	4040	3955
MHA-8-64-4-51-26-A	W-025826	4 x 38"	Ø28.9	Ø51	DN25	4293	4270	4040	3961
MHA-8-64-4-65-26-A	W-025832	4 x 38"	Ø28.9	DN65	DN25	4293	4270	4040	3952
MHA-8-64-4-50-26-A	W-025838	4 x 38"	Ø28.9	DN50	DN25	4293	4270	4040	3960
MHA-8-64-4-3.0-1.5A	W-028955	4 x 38"	Ø28.9	3.0"	1.5"	4293	4270	4040	3949
MHA-8-64-4-2.5-1.5A	W-028961	4 x 38"	Ø28.9	2.5"	1.5"	4293	4270	4040	3955
MHA-8-64-4-2.0-1.5A	W-028967	4 x 38"	Ø28.9	2.0"	1.5"	4293	4270	4040	3961
MHA-8-64-4-3.0-1.0A	W-028973	4 x 38"	Ø28.9	3.0"	1.0"	4293	4270	4040	3949
MHA-8-64-4-2.5-1.0A	W-028979	4 x 38"	Ø28.9	2.5"	1.0"	4293	4270	4040	3955
MHA-8-64-4-2.0-1.0A	W-028985	4 x 38"	Ø28.9	2.0"	1.0"	4293	4270	4040	3961



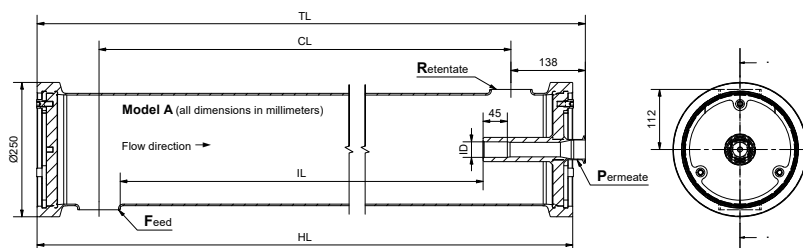
MHA-8-64bar-4-element - Model C		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 136 liters		Dry weight 94 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-4-76-38-C	W-025844	4 x 38"	Ø28.9	Ø76	Ø38	4293	4270	4040	3949
MHA-8-64-4-63-38-C	W-025850	4 x 38"	Ø28.9	Ø63.5	Ø38	4293	4270	4040	3955
MHA-8-64-4-51-38-C	W-025856	4 x 38"	Ø28.9	Ø51	Ø38	4293	4270	4040	3961
MHA-8-64-4-65-38-C	W-025862	4 x 38"	Ø28.9	DN65	Ø38	4293	4270	4040	3952
MHA-8-64-4-50-38-C	W-025868	4 x 38"	Ø28.9	DN50	Ø38	4293	4270	4040	3960
MHA-8-64-4-76-25-C	W-025874	4 x 38"	Ø28.9	Ø76	Ø25	4293	4270	4040	3949
MHA-8-64-4-63-25-C	W-025880	4 x 38"	Ø28.9	Ø63.5	Ø25	4293	4270	4040	3955
MHA-8-64-4-51-25-C	W-025886	4 x 38"	Ø28.9	Ø51	Ø25	4293	4270	4040	3961
MHA-8-64-4-65-25-C	W-025892	4 x 38"	Ø28.9	DN65	Ø25	4293	4270	4040	3952
MHA-8-64-4-50-25-C	W-025898	4 x 38"	Ø28.9	DN50	Ø25	4293	4270	4040	3960
MHA-8-64-4-76-40-C	W-025904	4 x 38"	Ø28.9	Ø76	DN40	4293	4270	4040	3949
MHA-8-64-4-63-40-C	W-025910	4 x 38"	Ø28.9	Ø63.5	DN40	4293	4270	4040	3955
MHA-8-64-4-51-40-C	W-025916	4 x 38"	Ø28.9	Ø51	DN40	4293	4270	4040	3961
MHA-8-64-4-65-40-C	W-025922	4 x 38"	Ø28.9	DN65	DN40	4293	4270	4040	3952
MHA-8-64-4-50-40-C	W-025928	4 x 38"	Ø28.9	DN50	DN40	4293	4270	4040	3960
MHA-8-64-4-76-26-C	W-025934	4 x 38"	Ø28.9	Ø76	DN25	4293	4270	4040	3949
MHA-8-64-4-63-26-C	W-025940	4 x 38"	Ø28.9	Ø63.5	DN25	4293	4270	4040	3955
MHA-8-64-4-51-26-C	W-025946	4 x 38"	Ø28.9	Ø51	DN25	4293	4270	4040	3961
MHA-8-64-4-65-26-C	W-025952	4 x 38"	Ø28.9	DN65	DN25	4293	4270	4040	3952
MHA-8-64-4-50-26-C	W-025958	4 x 38"	Ø28.9	DN50	DN25	4293	4270	4040	3960
MHA-8-64-4-3.0-1.5C	W-028991	4 x 38"	Ø28.9	3.0"	1.5"	4293	4270	4040	3949
MHA-8-64-4-2.5-1.5C	W-028997	4 x 38"	Ø28.9	2.5"	1.5"	4293	4270	4040	3955
MHA-8-64-4-2.0-1.5C	W-029003	4 x 38"	Ø28.9	2.0"	1.5"	4293	4270	4040	3961
MHA-8-64-4-3.0-1.0C	W-029009	4 x 38"	Ø28.9	3.0"	1.0"	4293	4270	4040	3949
MHA-8-64-4-2.5-1.0C	W-029015	4 x 38"	Ø28.9	2.5"	1.0"	4293	4270	4040	3955
MHA-8-64-4-2.0-1.0C	W-029021	4 x 38"	Ø28.9	2.0"	1.0"	4293	4270	4040	3961



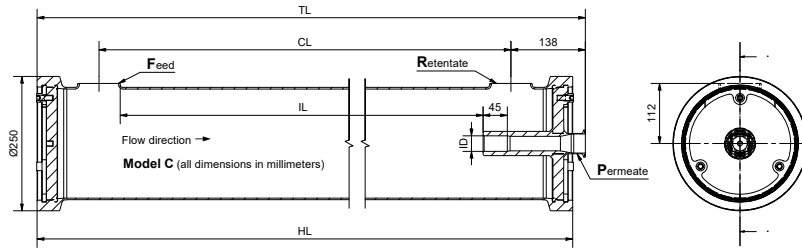
MHA-8-64bar-5-element - Model A		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 168 liters		Dry weight 110 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-5-76-38-A	W-025725	5 x 38"	Ø28.9	Ø76	Ø38	5278	5255	5025	4934
MHA-8-64-5-63-38-A	W-025731	5 x 38"	Ø28.9	Ø63.5	Ø38	5278	5255	5025	4940
MHA-8-64-5-51-38-A	W-025737	5 x 38"	Ø28.9	Ø51	Ø38	5278	5255	5025	4946
MHA-8-64-5-65-38-A	W-025743	5 x 38"	Ø28.9	DN65	Ø38	5278	5255	5025	4937
MHA-8-64-5-50-38-A	W-025749	5 x 38"	Ø28.9	DN50	Ø38	5278	5255	5025	4945
MHA-8-64-5-76-25-A	W-025755	5 x 38"	Ø28.9	Ø76	Ø25	5278	5255	5025	4934
MHA-8-64-5-63-25-A	W-025761	5 x 38"	Ø28.9	Ø63.5	Ø25	5278	5255	5025	4940
MHA-8-64-5-51-25-A	W-025767	5 x 38"	Ø28.9	Ø51	Ø25	5278	5255	5025	4946
MHA-8-64-5-65-25-A	W-025773	5 x 38"	Ø28.9	DN65	Ø25	5278	5255	5025	4937
MHA-8-64-5-50-25-A	W-025779	5 x 38"	Ø28.9	DN50	Ø25	5278	5255	5025	4945
MHA-8-64-5-76-40-A	W-025785	5 x 38"	Ø28.9	Ø76	DN40	5278	5255	5025	4934
MHA-8-64-5-63-40-A	W-025791	5 x 38"	Ø28.9	Ø63.5	DN40	5278	5255	5025	4940
MHA-8-64-5-51-40-A	W-025797	5 x 38"	Ø28.9	Ø51	DN40	5278	5255	5025	4946
MHA-8-64-5-65-40-A	W-025803	5 x 38"	Ø28.9	DN65	DN40	5278	5255	5025	4937
MHA-8-64-5-50-40-A	W-025809	5 x 38"	Ø28.9	DN50	DN40	5278	5255	5025	4945
MHA-8-64-5-76-26-A	W-025815	5 x 38"	Ø28.9	Ø76	DN25	5278	5255	5025	4934
MHA-8-64-5-63-26-A	W-025821	5 x 38"	Ø28.9	Ø63.5	DN25	5278	5255	5025	4940
MHA-8-64-5-51-26-A	W-025827	5 x 38"	Ø28.9	Ø51	DN25	5278	5255	5025	4946
MHA-8-64-5-65-26-A	W-025833	5 x 38"	Ø28.9	DN65	DN25	5278	5255	5025	4937
MHA-8-64-5-50-26-A	W-025839	5 x 38"	Ø28.9	DN50	DN25	5278	5255	5025	4945
MHA-8-64-5-3.0-1.5A	W-028956	5 x 38"	Ø28.9	3.0"	1.5"	5278	5255	5025	4934
MHA-8-64-5-2.5-1.5A	W-028962	5 x 38"	Ø28.9	2.5"	1.5"	5278	5255	5025	4940
MHA-8-64-5-2.0-1.5A	W-028968	5 x 38"	Ø28.9	2.0"	1.5"	5278	5255	5025	4946
MHA-8-64-5-3.0-1.0A	W-028974	5 x 38"	Ø28.9	3.0"	1.0"	5278	5255	5025	4934
MHA-8-64-5-2.5-1.0A	W-028980	5 x 38"	Ø28.9	2.5"	1.0"	5278	5255	5025	4940
MHA-8-64-5-2.0-1.0A	W-028986	5 x 38"	Ø28.9	2.0"	1.0"	5278	5255	5025	4946



MHA-8-64bar-5-element - Model C		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 168 liters		Dry weight 110 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-5-76-38-C	W-025845	5 x 38"	Ø28.9	Ø76	Ø38	5278	5255	5025	4934
MHA-8-64-5-63-38-C	W-025851	5 x 38"	Ø28.9	Ø63.5	Ø38	5278	5255	5025	4940
MHA-8-64-5-51-38-C	W-025857	5 x 38"	Ø28.9	Ø51	Ø38	5278	5255	5025	4946
MHA-8-64-5-65-38-C	W-025863	5 x 38"	Ø28.9	DN65	Ø38	5278	5255	5025	4937
MHA-8-64-5-50-38-C	W-025869	5 x 38"	Ø28.9	DN50	Ø38	5278	5255	5025	4945
MHA-8-64-5-76-25-C	W-025875	5 x 38"	Ø28.9	Ø76	Ø25	5278	5255	5025	4934
MHA-8-64-5-63-25-C	W-025881	5 x 38"	Ø28.9	Ø63.5	Ø25	5278	5255	5025	4940
MHA-8-64-5-51-25-C	W-025887	5 x 38"	Ø28.9	Ø51	Ø25	5278	5255	5025	4946
MHA-8-64-5-65-25-C	W-025893	5 x 38"	Ø28.9	DN65	Ø25	5278	5255	5025	4937
MHA-8-64-5-50-25-C	W-025899	5 x 38"	Ø28.9	DN50	Ø25	5278	5255	5025	4945
MHA-8-64-5-76-40-C	W-025905	5 x 38"	Ø28.9	Ø76	DN40	5278	5255	5025	4934
MHA-8-64-5-63-40-C	W-025911	5 x 38"	Ø28.9	Ø63.5	DN40	5278	5255	5025	4940
MHA-8-64-5-51-40-C	W-025917	5 x 38"	Ø28.9	Ø51	DN40	5278	5255	5025	4946
MHA-8-64-5-65-40-C	W-025923	5 x 38"	Ø28.9	DN65	DN40	5278	5255	5025	4937
MHA-8-64-5-50-40-C	W-025929	5 x 38"	Ø28.9	DN50	DN40	5278	5255	5025	4945
MHA-8-64-5-76-26-C	W-025935	5 x 38"	Ø28.9	Ø76	DN25	5278	5255	5025	4934
MHA-8-64-5-63-26-C	W-025941	5 x 38"	Ø28.9	Ø63.5	DN25	5278	5255	5025	4940
MHA-8-64-5-51-26-C	W-025947	5 x 38"	Ø28.9	Ø51	DN25	5278	5255	5025	4946
MHA-8-64-5-65-26-C	W-025953	5 x 38"	Ø28.9	DN65	DN25	5278	5255	5025	4937
MHA-8-64-5-50-26-C	W-025959	5 x 38"	Ø28.9	DN50	DN25	5278	5255	5025	4945
MHA-8-64-5-3.0-1.5C	W-028992	5 x 38"	Ø28.9	3.0"	1.5"	5278	5255	5025	4934
MHA-8-64-5-2.5-1.5C	W-028998	5 x 38"	Ø28.9	2.5"	1.5"	5278	5255	5025	4940
MHA-8-64-5-2.0-1.5C	W-029004	5 x 38"	Ø28.9	2.0"	1.5"	5278	5255	5025	4946
MHA-8-64-5-3.0-1.0C	W-029010	5 x 38"	Ø28.9	3.0"	1.0"	5278	5255	5025	4934
MHA-8-64-5-2.5-1.0C	W-029016	5 x 38"	Ø28.9	2.5"	1.0"	5278	5255	5025	4940
MHA-8-64-5-2.0-1.0C	W-029022	5 x 38"	Ø28.9	2.0"	1.0"	5278	5255	5025	4946



MHA-8-64bar-6-element - Model A		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 200 liters		Dry weight 126 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-6-76-38-A	W-025726	6 x 38"	Ø28.9	Ø76	Ø38	6258	6235	6005	5914
MHA-8-64-6-63-38-A	W-025732	6 x 38"	Ø28.9	Ø63.5	Ø38	6258	6235	6005	5920
MHA-8-64-6-51-38-A	W-025738	6 x 38"	Ø28.9	Ø51	Ø38	6258	6235	6005	5926
MHA-8-64-6-65-38-A	W-025744	6 x 38"	Ø28.9	DN65	Ø38	6258	6235	6005	5917
MHA-8-64-6-50-38-A	W-025750	6 x 38"	Ø28.9	DN50	Ø38	6258	6235	6005	5925
MHA-8-64-6-76-25-A	W-025756	6 x 38"	Ø28.9	Ø76	Ø25	6258	6235	6005	5914
MHA-8-64-6-63-25-A	W-025762	6 x 38"	Ø28.9	Ø63.5	Ø25	6258	6235	6005	5920
MHA-8-64-6-51-25-A	W-025768	6 x 38"	Ø28.9	Ø51	Ø25	6258	6235	6005	5926
MHA-8-64-6-65-25-A	W-025774	6 x 38"	Ø28.9	DN65	Ø25	6258	6235	6005	5917
MHA-8-64-6-50-25-A	W-025780	6 x 38"	Ø28.9	DN50	Ø25	6258	6235	6005	5925
MHA-8-64-6-76-40-A	W-025786	6 x 38"	Ø28.9	Ø76	DN40	6258	6235	6005	5914
MHA-8-64-6-63-40-A	W-025792	6 x 38"	Ø28.9	Ø63.5	DN40	6258	6235	6005	5920
MHA-8-64-6-51-40-A	W-025798	6 x 38"	Ø28.9	Ø51	DN40	6258	6235	6005	5926
MHA-8-64-6-65-40-A	W-025804	6 x 38"	Ø28.9	DN65	DN40	6258	6235	6005	5917
MHA-8-64-6-50-40-A	W-025810	6 x 38"	Ø28.9	DN50	DN40	6258	6235	6005	5925
MHA-8-64-6-76-26-A	W-025816	6 x 38"	Ø28.9	Ø76	DN25	6258	6235	6005	5914
MHA-8-64-6-63-26-A	W-025822	6 x 38"	Ø28.9	Ø63.5	DN25	6258	6235	6005	5920
MHA-8-64-6-51-26-A	W-025828	6 x 38"	Ø28.9	Ø51	DN25	6258	6235	6005	5926
MHA-8-64-6-65-26-A	W-025834	6 x 38"	Ø28.9	DN65	DN25	6258	6235	6005	5917
MHA-8-64-6-50-26-A	W-025840	6 x 38"	Ø28.9	DN50	DN25	6258	6235	6005	5925
MHA-8-64-6-3.0-1.5A	W-028957	6 x 38"	Ø28.9	3.0"	1.5"	6258	6235	6005	5914
MHA-8-64-6-2.5-1.5A	W-028963	6 x 38"	Ø28.9	2.5"	1.5"	6258	6235	6005	5920
MHA-8-64-6-2.0-1.5A	W-028969	6 x 38"	Ø28.9	2.0"	1.5"	6258	6235	6005	5926
MHA-8-64-6-3.0-1.0A	W-028975	6 x 38"	Ø28.9	3.0"	1.0"	6258	6235	6005	5914
MHA-8-64-6-2.5-1.0A	W-028981	6 x 38"	Ø28.9	2.5"	1.0"	6258	6235	6005	5920
MHA-8-64-6-2.0-1.0A	W-028987	6 x 38"	Ø28.9	2.0"	1.0"	6258	6235	6005	5926



MHA-8-64bar-6-element - Model C		Element type 8038		Maximum pressure / Maximum temperature					
		Quantity	Permeate	64 barg / 85°C		Volume 200 liters		Dry weight 126 kg	
Stock number	Drawing number	7.9" dia.	ID	F&R	P	TL	HL	CL	IL
MHA-8-64-6-76-38-C	W-025846	6 x 38"	Ø28.9	Ø76	Ø38	6258	6235	6005	5914
MHA-8-64-6-63-38-C	W-025852	6 x 38"	Ø28.9	Ø63.5	Ø38	6258	6235	6005	5920
MHA-8-64-6-51-38-C	W-025858	6 x 38"	Ø28.9	Ø51	Ø38	6258	6235	6005	5926
MHA-8-64-6-65-38-C	W-025864	6 x 38"	Ø28.9	DN65	Ø38	6258	6235	6005	5917
MHA-8-64-6-50-38-C	W-025870	6 x 38"	Ø28.9	DN50	Ø38	6258	6235	6005	5925
MHA-8-64-6-76-25-C	W-025876	6 x 38"	Ø28.9	Ø76	Ø25	6258	6235	6005	5914
MHA-8-64-6-63-25-C	W-025882	6 x 38"	Ø28.9	Ø63.5	Ø25	6258	6235	6005	5920
MHA-8-64-6-51-25-C	W-025888	6 x 38"	Ø28.9	Ø51	Ø25	6258	6235	6005	5926
MHA-8-64-6-65-25-C	W-025894	6 x 38"	Ø28.9	DN65	Ø25	6258	6235	6005	5917
MHA-8-64-6-50-25-C	W-025900	6 x 38"	Ø28.9	DN50	Ø25	6258	6235	6005	5925
MHA-8-64-6-76-40-C	W-025906	6 x 38"	Ø28.9	Ø76	DN40	6258	6235	6005	5914
MHA-8-64-6-63-40-C	W-025912	6 x 38"	Ø28.9	Ø63.5	DN40	6258	6235	6005	5920
MHA-8-64-6-51-40-C	W-025918	6 x 38"	Ø28.9	Ø51	DN40	6258	6235	6005	5926
MHA-8-64-6-65-40-C	W-025924	6 x 38"	Ø28.9	DN65	DN40	6258	6235	6005	5917
MHA-8-64-6-50-40-C	W-025930	6 x 38"	Ø28.9	DN50	DN40	6258	6235	6005	5925
MHA-8-64-6-76-26-C	W-025936	6 x 38"	Ø28.9	Ø76	DN25	6258	6235	6005	5914
MHA-8-64-6-63-26-C	W-025942	6 x 38"	Ø28.9	Ø63.5	DN25	6258	6235	6005	5920
MHA-8-64-6-51-26-C	W-025948	6 x 38"	Ø28.9	Ø51	DN25	6258	6235	6005	5926
MHA-8-64-6-65-26-C	W-025954	6 x 38"	Ø28.9	DN65	DN25	6258	6235	6005	5917
MHA-8-64-6-50-26-C	W-025960	6 x 38"	Ø28.9	DN50	DN25	6258	6235	6005	5925
MHA-8-64-6-3.0-1.5C	W-028993	6 x 38"	Ø28.9	3.0"	1.5"	6258	6235	6005	5914
MHA-8-64-6-2.5-1.5C	W-028999	6 x 38"	Ø28.9	2.5"	1.5"	6258	6235	6005	5920
MHA-8-64-6-2.0-1.5C	W-029005	6 x 38"	Ø28.9	2.0"	1.5"	6258	6235	6005	5926
MHA-8-64-6-3.0-1.0C	W-029011	6 x 38"	Ø28.9	3.0"	1.0"	6258	6235	6005	5914
MHA-8-64-6-2.5-1.0C	W-029017	6 x 38"	Ø28.9	2.5"	1.0"	6258	6235	6005	5920
MHA-8-64-6-2.0-1.0C	W-029023	6 x 38"	Ø28.9	2.0"	1.0"	6258	6235	6005	5926