



REF	PART NAME	PART #	MATERIAL
1	Shell		FRP
2	Liner		PVC
3	Grooving		SS
<b>HEAD</b>			
4.1	Frontplate	78FPSW	ALU
4.2	Sealing Plate	78BPL/V2	PP/GF
5	Retaining Ring Endplate	68SEC	SS
6	Locking Ring	68SECCLOCK	PA
6.1	Screws for Locking Ring	58SCR8/25	316TI
7	Lip Ring	58LIP	EPDM
<b>PORTS</b>			
8	HP-PORT	78HPSW	Superduplex
8.1	Retaining Ring for HP-Port	78HPSEC/SW	316
10.1	Permeate Port Body	78PP/B2	PP/GF
10.2	NUT 1.5inch	58NUT15Z	PVC PA
10.3	PP Adapter NUT	78UN/SI5	PVC
10.4	PP Adapter	78UN/Exx	PVC
<b>ELEMENT INTERFACE</b>			
9.1	Element Adapter open	78ADxx	PP/GF
9.2	Element Adapter closed	78ADxx/C	PP/GF
9.4	Retaining Nut	78PP/SI5AL	AL
9.5	Chiming mechanism	18PP/CH/V2SW	TPE/PVC
<b>SUPPORT</b>			
11	Element Spacer	78SPACER/FP	PP
12	Saddle	58SADDLE	PA PP
13	STRAP	18STRAP	PP/PA/TPE/304

\*\* option  
 \*starting 01.01-16  
 PP/GF parts can be replaced withHIPS/GF  
 PVC-Liner can be replaced by HIPS  
 without further notice

O-Rings / Endplate			
A	O-Ring 32.92x3.5	1	EPDM
B	O-Ring 41.28x3.5	1	EPDM
C	O-Ring 42x3	2	EPDM
D	O-Ring 49.3x1.8	1	EPDM
E	O-Ring 32.92x3.5	1	EPDM

use only glycerine for lubrication of sealing parts  
 never use vaseline

Dimensions SERIES 8 inch FRONT ENTRY							
Supplied marked x	Elem.	Vessel #	L-Stich [mm]	L-Stich [inch]	L-HP [mm]	L-HP [inch]	Tol L-Stich [mm]---[inch]
	1x40	R08Z1M40-V2p-84	1286	50.63	1510	59.45	-3/+5 (0.12/0.2)
	2x40	R08Z2M40-V2p-84	2302	90.63	2526	99.45	-3/+5 (0.12/0.2)
	3x40	R08Z3M40-V2p-84	3318	130.63	3542	139.45	-3/+5 (0.12/0.2)
	4x40	R08Z4M40-V2p-84	4334	170.63	4558	179.45	-3/+5 (0.12/0.2)
	5x40	R08Z5M40-V2p-84	5350	210.63	5574	219.45	-3/+6 (0.12/0.24)
	6x40	R08Z6M40-V2p-84	6366	250.63	6590	259.45	-3/+6 (0.12/0.24)
	7x40	R08Z7M40-V2p-84	7382	290.63	7606	299.45	-3/+6 (0.12/0.24)

**We recommend:**  
 1 to 4 elements 2saddles and 2 straps  
 5 to 7 elements 3saddles and 2 straps  
 Vessels for 60inch elements are available  
 Dimensions are in mm  
 Valus in brackets [ ] are in inch

**Important Note:**  
 Dimensions may be subject to be changed.  
 Drawing not to be used for construction unless certified

according ASME X  
 84bar  

Max: Working Pressure (bar/PSI)	84/1200
Max. Working Temp. ( °C / °F)	65 /150
Min. Working Temp. ( °C / °F)	2 /36
Max Test Pressure* [1.1] (bar/PSI)	92.4 /1320

**1200PSI** **AnyChem**™ Pressure Vessels  
 by **Knappe Composites**

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Eng_Mgr	AssyRev:	DATUM:	REV:
SIG:	1	18.10.11	1
	1	20.10.11	2
		01.01.16	3

SERIES V2P Seawater  
 8 inch -- FRONT ENTRY

Name: R08ZX40-V2P-84\_R3 Scale: none