



REF	PART NAME	PART #	MATERIAL
1	Shell		FRP
2	Liner		PVC
3	Groovering		Alu SS**
<b>HEAD</b>			
4.1	Frontplate	78FPSW	ALU
4.2	Sealing Plate	78BPL/V2	PP/GF
5	Retaining Ring Endplate	68SEC	ALU/SS**
6	Locking Ring	68SELOCK	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/S15	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/S15AL	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

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							
Elem.	Vessel #	L-Stich [mm]	L-Stich [inch]	L-HP [mm]	L-HP [inch]	Tot L-Stich [mm]---[inch]	
1x40	R08Z1M40-V2p-70	1286	50.63	1510	59.45	-3/+5 (0.12/0.2)	
2x40	R08Z2M40-V2p-70	2302	90.63	2526	99.45	-3/+5 (0.12/0.2)	
3x40	R08Z3M40-V2p-70	3318	130.63	3542	139.45	-3/+5 (0.12/0.2)	
4x40	R08Z4M40-V2p-70	4334	170.63	4558	179.45	-3/+5 (0.12/0.2)	
5x40	R08Z5M40-V2p-70	5350	210.63	5574	219.45	-3/+6 (0.12/0.24)	
6x40	R08Z6M40-V2p-70	6366	250.63	6590	259.45	-3/+6 (0.12/0.24)	
7x40	R08Z7M40-V2p-70	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

\* acc ASME X

Max. Working Pressure (bar/PSI)	69 / 1000
Max. Working Temp. (°C / °F)	50 / 120
Min. Working Temp. (°C / °F)	2 / 36
Max Test Pressure* [1.1] (bar/PSI)	76 / 1100

**1000PSI**

Eng\_Mgr: \_\_\_\_\_ AssRev: \_\_\_\_\_ DATUM: 10.12.07 REV: 1  
 22.12.10 REV: 2  
 01.01.16 REV: 3

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

SERIES V2p -- Seawater  
8inch FRONT ENTRY

Name: R08XM40-V2P-70-R3 Scale: none

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