



OPTION
the closed PermPort can be replaced by open PermPort

REF	PART NAME	PART #	MATERIAL
1	Shell		FRP
2	Liner		PVC
3	Grooving		AL
HEAD			
4.1	FrontPlate	78FPPL	PAGF
4.2	Endplate	78BPL-V2s	PPGF
5	Retaining Ring Endplate	68SEC-S	PAGF
6	Locking Ring	78SECCLOCK	PA
7	Lip Ring	58LIP	EPDM
PORTS			
8	HP-PORT	78HP160	PPE-316L
8.1	Retaining Ring for HP-Port	68SEC45	PA
10.1	Permeate Port Body open	78PP/B2	PPGF
10.2	NUT 1.5inch	58NUT15Z	PVC or PA
10.3	PP Adapter Nut	78UN/S15	PVC or PA
10.4	PP Adapter	78UN/Exx	PVC/PP/SS
ELEMENT INTERFACE			
9.1	Element Adapter open	78ADxx	PPGF
9.2	Element Adapter closed	78ADxx/C	PPGF
9.5	chiming set	18PP/CH-V2	TPE/PPE/PVC
SUPPORT			
11	Element Spacer	78SPACE_FP	PPGF
12	Saddle	58SADDLE	PA PP
13	STRAP	18STRAP/P80BW	PP/TPE/304L

*starting 01-01-16
PP/GF parts can be replaced with HIPS/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 41.28x3.5	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]	Tol L-Stich [mm]---[inch]
1x40	R08Z1M40-V2s-31	1286	50.63	1476	58.11	-3/+5 (0.12/0.2)
2x40	R08Z2M40-V2s-31	2302	90.63	2492	98.11	-3/+5 (0.12/0.2)
3x40	R08Z3M40-V2s-31	3318	130.63	3508	138.11	-3/+5 (0.12/0.2)
4x40	R08Z4M40-V2s-31	4334	170.63	4524	178.11	-3/+5 (0.12/0.2)
5x40	R08Z5M40-V2s-31	5350	210.63	5540	218.11	-3/+6 (0.12/0.24)
6x40	R08Z6M40-V2s-31	6366	250.63	6556	258.11	-3/+6 (0.12/0.24)
7x40	R08Z7M40-V2s-31	7382	290.63	7572	298.11	-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

450PSI		
Max: Working Pressure	(bar/PSI)	31 /450
Max. Working Temp.	(°C / °F)	65/150
Min. Working Temp.	(°C / °F)	2/36
Test Pressure (ASME X*)	(bar/PSI)	34/495

450PSI

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AnyChem™ Pressure Vessels
by
Knappe Composites

SERIES V2s -- Brackish Water
FRONT ENTRY

Eng. Mgr	AssRev	DATUM:	REV:
SIG:		16.12.06	1
		10.11.10	2
		02.08.11	2.2
		01.01.16	3

Name: R08ZX40-V2S-31-R3 Scale: none