



REF	PART NAME	PART #	MATERIAL
1	Shell		FRP
2	Liner		PVC
3	Grooving		Alu
HEAD			
4.1	Frontplate	78FP-M-BW	PA/AL
4.2	Backplate	78BPL/V2S	PP/GF
5	Retaining Ring Endplate	68SEC	6061
6	Locking Ring	68SECLOCK	PA/GF
6.1	Screws for Locking Ring	25SCR8/25	316TI
7	Lip Ring	58LIP	EPDM
PORTS			
8	HP-PORT	78HP□S3	316L
8.1	NUT for HP-Port	78NUT□P	PA/GF
10.1	Permeate Port Body	78PP/BSP	PP/GF
10.2	Screw 1.5inch	78NUT15Z	PVC PA
10.3	PP Adapter Nut	78UN/S15	PVC
10.4	PP Adapter	78UN/Exx	see option list
ELEMENT INTERFACE			
9.1	Element Adapter open	78ADxx	PP/GF
9.2	Element Adapter closed	78ADxx/C	PP/GF
9.5	chiming package	18PP/CH-S3	PVC/TPE
SUPPORT			
11	Element Spacer	78SPACER	PP/GF
12	Saddle	58SADDLE	PA PP/GF
13	STRAP	58STRAP	PA/PP/TPE/316

*starting 01.01-16
 PP/GF parts can be replaced with HiPS/GF
 PVC-Liner can be replaced by HiPS
 without further notice

SCALE 0.140

Dimensions SERIES 8 inch SIDEPORT Series3				
ELEM.	Vessel Type	L-Stich	L-HP	Tol -/+
1X40	SP8Z1M40-S□p-42/□□	1381 (54.37)	1143 (45)	3/5 (0.12/0.2)
2X40	SP8Z2M40-S□p-42/□□	2397 (94.37)	2159 (85)	3/5 (0.12/0.2)
3X40	SP8Z3M40-S□p-42/□□	3413 (134.37)	3175 (125)	3/5 (0.12/0.2)
4X40	SP8Z4M40-S□p-42/□□	4429 (174.37)	4191 (165)	3/5 (0.12/0.2)
5X40	SP8Z5M40-S□p-42/□□	5445 (214.37)	5207 (205)	3/6 (0.12/0.24)
6X40	SP8Z6M40-S□p-42/□□	6461 (254.37)	6223 (245)	3/6 (0.12/0.24)
7X40	SP8Z7M40-S□p-42/□□	7477 (294.37)	7239 (285)	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

use only glycerine for lubrication of sealing parts
 never use vaseline

Max: Working Pressure (bar/PSI)	42/600
Max. Working Temp. (°C / °F)	65 /150
Min. Working Temp. (°C / °F)	2 /36
Max Test Pressure acc. (ASME X) (bar/PSI)	46.2/660

600 PSI

PAGE: 1/1

AnyChem™ Pressure Vessels
by Knappe Composites

Series 3S Brackish Water
Pressure Vessels 8inch
HP-Port 1,5/2/2.5in

Eng. Mgr	AssRev	DATUM:	REV:
SIG:		21.11.07	1
		27.07.08	2
		01.01.16	3

Name: SP8ZM40-SXP-42-R3 Scale: none