



REF	PART NAME	PART #	MATERIAL
1	Shell		FRP
2	Liner		PVC**
3	Grooving		Alu
HEAD			
4.1	Frontplate	78FPPL	PA/GF
4.2	Backplate	78BPL	PP/GF
5	Retaining Ring Endplate	68SEC-s	PA/GF
6	Locking Ring	78SECLCCK	PA
7	Lip Ring	58LIP	EPDM
PORTS			
8	HP-PORT	78HP□S3	316L
8.1	NUT for HP-Port	78NUT□K	PA
10.1	Permeate Port Body	78PP/BSP	PP/GF
10.2	Screw 1.5inch	58NUT15Z	PVC
10.3	PP Adapter Screw	58PP/S15	PVC PA
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	18STRAP/P90	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

Dimensions SERIES 8 inch SIDEPORT Series3				
ELEM.	Vessel Type	L-Stich	L-HP	Tol -/+
1X40	SP8Z1M40-S□s-21/□□	1381 (54.37)	1143 (45)	3/5 (0.12/0.2)
2X40	SP8Z2M40-S□s-21/□□	2397 (94.37)	2159 (85)	3/5 (0.12/0.2)
3X40	SP8Z3M40-S□s-21/□□	3413 (134.37)	3175 (125)	3/5 (0.12/0.2)
4X40	SP8Z4M40-S□s-21/□□	4429 (174.37)	4191 (165)	3/5 (0.12/0.2)
5X40	SP8Z5M40-S□s-21/□□	5445 (214.37)	5207 (205)	3/6 (0.12/0.24)
6X40	SP8Z6M40-S□s-21/□□	6461 (254.37)	6223 (245)	3/6 (0.12/0.24)
7X40	SP8Z7M40-S□s-21/□□	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
 Values 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

300	
Max: Working Pressure (bar/PSI)	21/300
Max. Working Temp. (°C / °F)	65 /150
Min. Working Temp. (°C / °F)	2 /36
Max Test Pressure acc. (ASME X) (bar/PSI)	23.1 /330

300 PSI		PAGE: 1/1		AnyChem by Knappe Composites ™ Pressure Vessels	
Eng. Mgr.	O. Ass. Mgr.	DATUM:	REV:	Series 3s Brackishwater Pressure Vessels 8inch HP-Port 1,5/2/2.5in	
SIG:	SIG:	21.11.07 01.01.16	1		
Name		SP8ZxM40-SXS-21-R2		Scale: none	