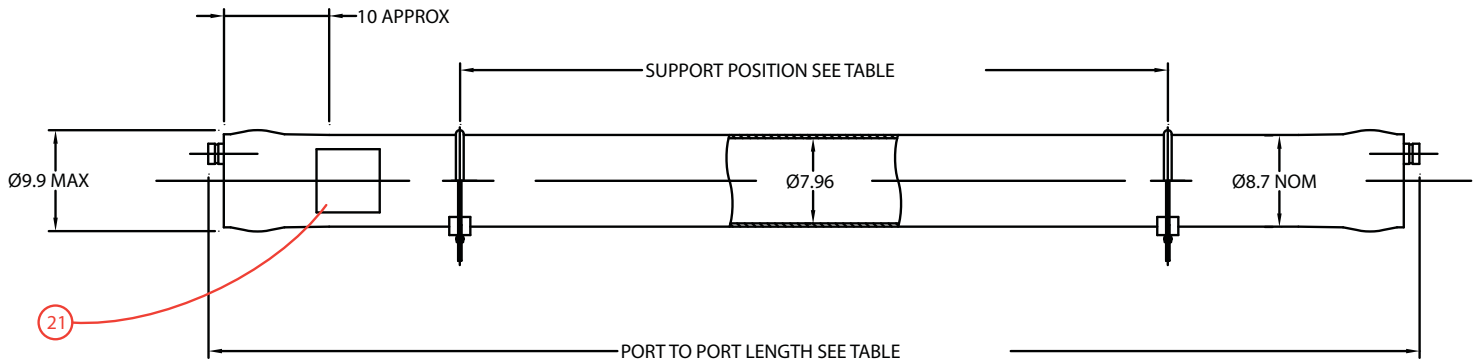


8" End Port Pressure Vessel

600 psi (41.4 bar)

ORDER REFERENCE
See Box Below



Working Pressure: 600 psi

Working Temperature: -7° to 45°C

pH Range: 3 - 10

Assembly Drawing: 1MNC 1614

Design Code: ASME X

Body of vessel is manufactured completely from glass reinforced epoxy resins. Pressure vessels can be produced to cover all leading manufacturers membranes regardless of length. Please advise membrane type and length when requesting further details. Please adhere to recommended support positions, if in doubt contact Phoenix Vessel Technology.

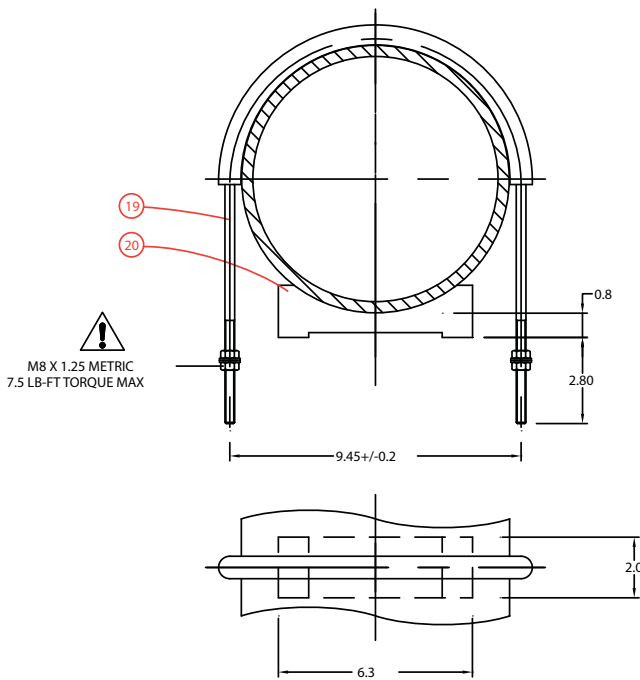
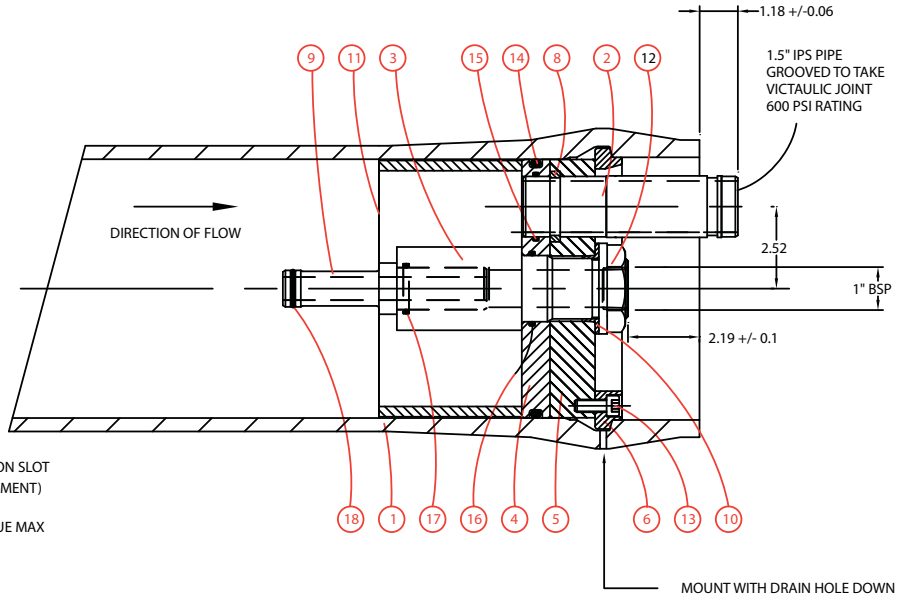
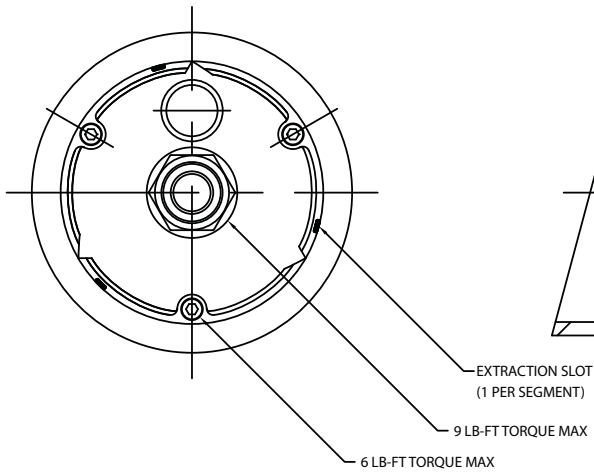
Feed and concentrate connections: 1.5" Victualic.

Product connections: 1.5" BSP Parallel (Male) or 1.0" BSP (Female)

Order Reference	No of 40" Elements	Port to Port Length +/-7mm	Max Support Position	Min Support Position	Max Dry Weight
8E600X.1	1	1600	875	500	39 kg
8E600X.1.5	1.5	2108	1400	500	46 kg
8E600X.2	2	2616	1890	500	53 kg
8E600X.3	3	3632	2910	960	68 kg
8E600X.4	4	4648	3190	1970	83 kg
8E600X.4.5	4.5	5156	3375	2480	90 kg
8E600X.5	5	5664	3560	2990	97 kg
8E600X.6	6	6680	4020	4020	112 kg
8E600X.7	7	7696	6170 c	5090 c	127 kg
8E600X.7.5	7.5	8204	6220 c	5330 c	134 kg

8" End Port Pressure Vessel 600 psi (41.4 bar)

ORDER REFERENCE
See Box Below



Item	Description	Material	Part No.	No. off
1	Vessel Body	Glass Fibre Epoxy Resin	BDY 1220	1
2	Feed/Concentrate Port	St. Steel - 316L	CMP 1183	2
3	Product Port	Thermoplastic	CMP 3366.A	2
4	End Plate	Thermoplastic	CMP 1397.A	2
5	Backing Plate	Anodised Aluminium	CMP 1635	2
6	Retaining Ring Segment	St. Steel 316	CMP 1469	2 Sets of 3
7	Item Removed			
8	Retaining Ring (Port)	St. Steel 316	CMP 1176	2
9	Adaptor	Thermoplastic	To suit membrane	2
10	Anti-rotation Collet	Thermoplastic	CMP 1894	2
11	Thrust Ring	Thermoplastic	CMP 1228	1
12	1.5" BSP Backnut	Thermoplastic	CMP 1979	2
13	Cap Head Screw	St. Steel Grade A2	CMP 1520	6
14	'O' Seal Endplate	EPDM Included in item 4	BS882	2
15	'O' Seal Feed Port	EPDM Included in item 4	BS225	2
16	'O' Seal Prod/Endplate	EPDM Included in item 4	BS832	2
17	'O' Seal Prod/Adaptor	EPDM Included in item 3	BS219	2
18	'O' Seal Adaptor	EPDM	To suit membrane	2/4
19	Strap	St. Steel/PVC	CMP 3426.A	2/3
20	Saddle	Urethane	CMP 1075	2/3
21	Nameplate	Aluminium or Vinyl	Not Available	1

The company reserves the right to alter specifications without prior notice.
This data sheet supersedes all previous issues.

Product Code: 8E600X 10/08

Tighten all bolts/nuts to 50% of the maximum torque figure.

DO NOT EXCEED THE MAXIMUM TORQUE.

For lubricants and general assembly refer to the [User Guide on our website](#).