

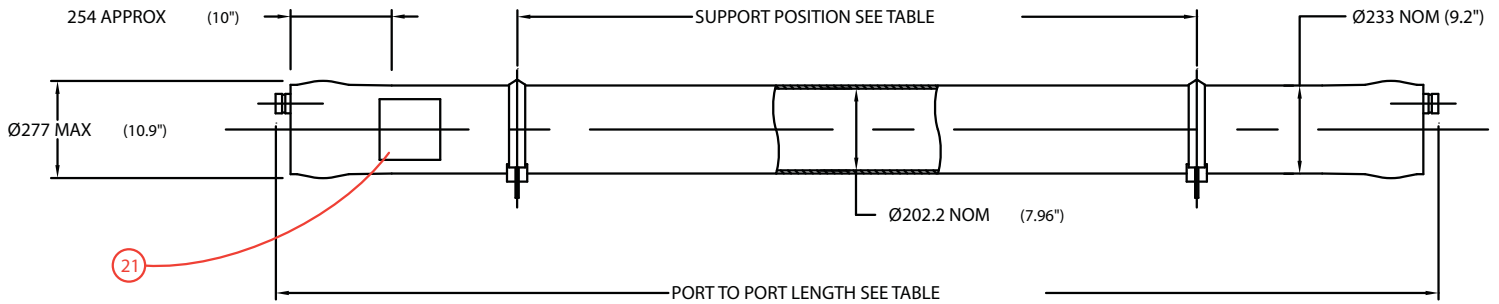


Technical Information Sheet

8" End Port Pressure Vessel

1200 psi (82.8 bar)

ORDER REFERENCE
See Box Below



Working Pressure: 1200 psi **Working Temperature:** -7° to 45°C **pH Range:** 3 - 10
Assembly Drawing: 1MNC 1755 **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.

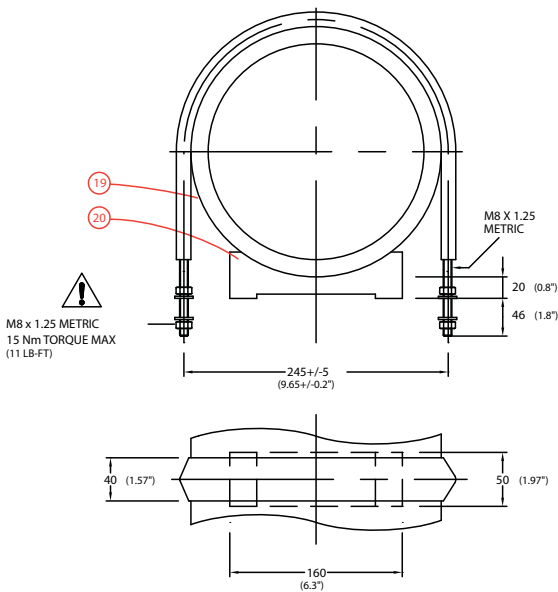
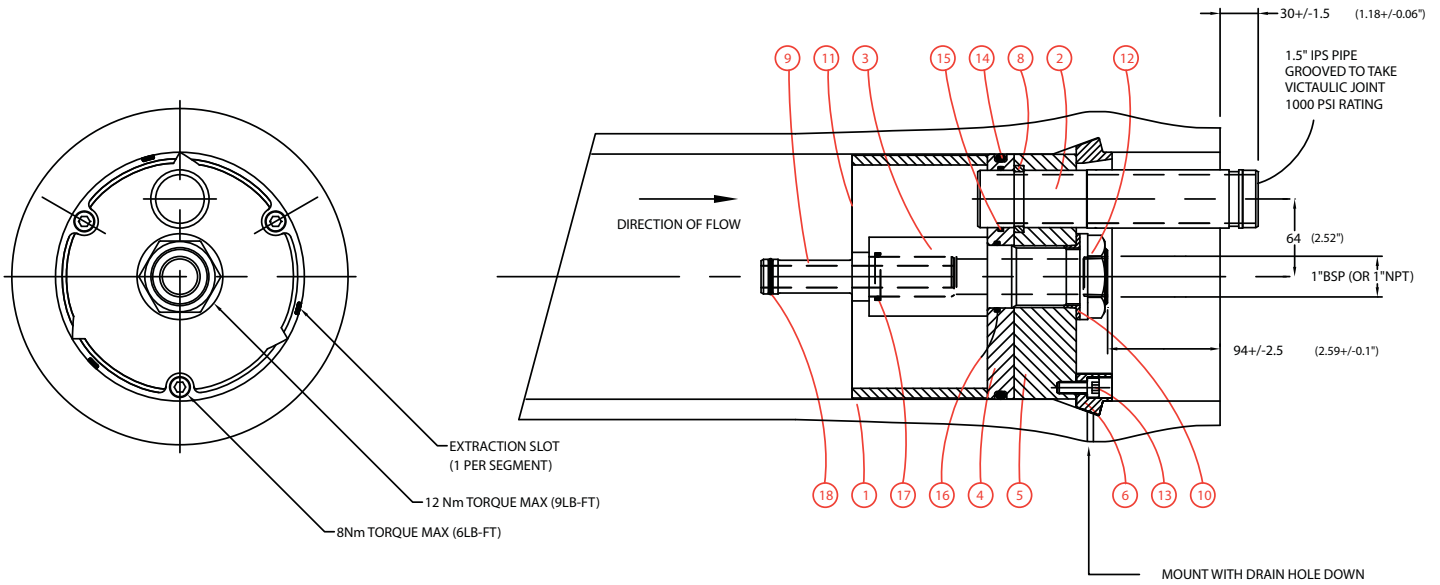
Feed and concentrate connections: 1.5" Victualic. **Product connections:** 1.5" BSP Parallel (Male) or 1.0" BSP (Female)

Order Reference	No of 40" Elements	Port to Port Length +/-7mm	Max Support Position	Min Support Position	Max Dry Weight
8E1200X.1	1	1702	875	500	61 kg
8E1200X.1.5	1.5	2210	1400	500	73 kg
8E1200X.2	2	2718	1890	500	85 kg
8E1200X.3	3	3734	2910	960	108 kg
8E1200X.4	4	4750	3190	1970	114 kg
8E1200X.4.5	4.5	5258	3375	2480	124 kg
8E1200X.5	5	5766	3560	2990	134 kg
8E1200X.6	6	6782	4020	4020	153 kg
8E1200X.7	7	7798	6170 c	5090 c	173 kg
8E1200X.7.5	7.5	8306	6220 c	5330 c	183 kg

All dimensions in mm. c = Central support required.
 All dimensions and weights are nominal unless stated otherwise.

8" End Port Pressure Vessel 1200 psi (82.8 bar)

ORDER REFERENCE
See Box Below



Item	Description	Material	Part No.	No. off
1	Vessel Body	Glass Fibre Epoxy Resin	BDY 1649	1
2	Feed/Concentrate Port	Duplex St. Steel - 2507	CMP 1650	2
3	Product Port	Thermoplastic	CMP 3369.A	2
4	End Plate	Thermoplastic	CMP 1397.A	2
5	Backing Plate	Anodised Aluminium	CMP 1818	2
6	Retaining Ring Segment	St. Steel 316	CMP 1470	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: 8E1200X 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](#).