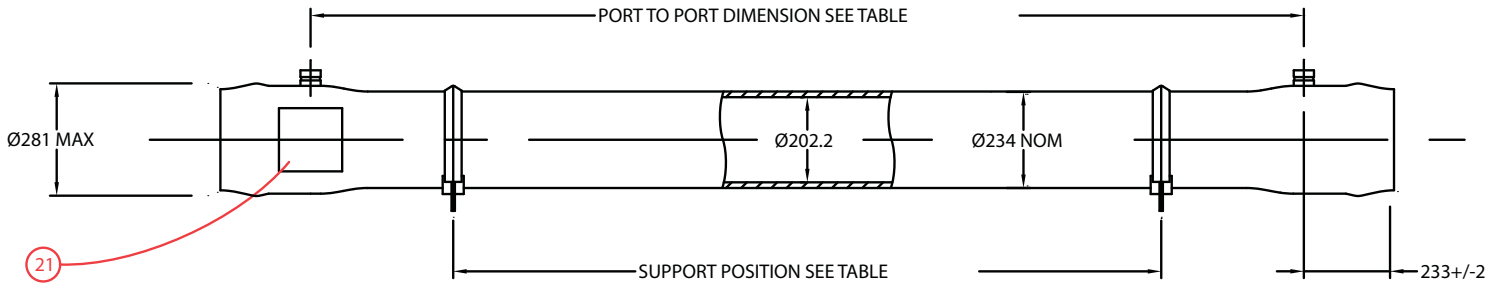


8" Side Port Pressure Vessel

1200 psi (83 bar)

ORDER REFERENCE
See Box Below



Working Pressure: 1200 psi **Working Temperature:** -7° to 45°C **pH Range:** 3 - 10
Assembly Drawing: 1MNC 2101 **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.

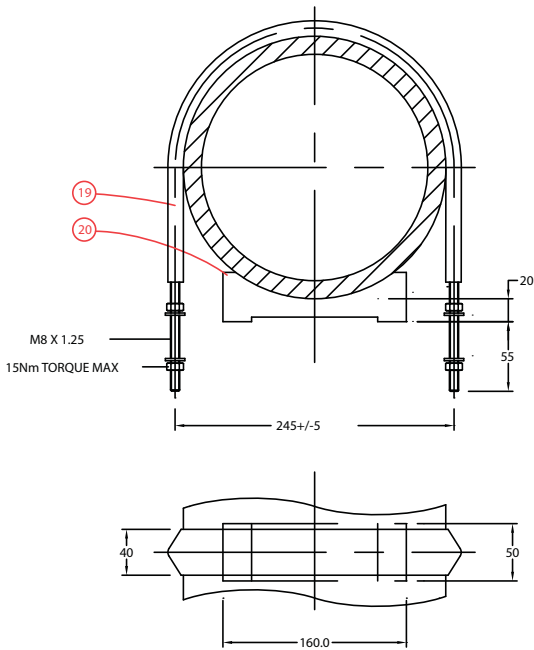
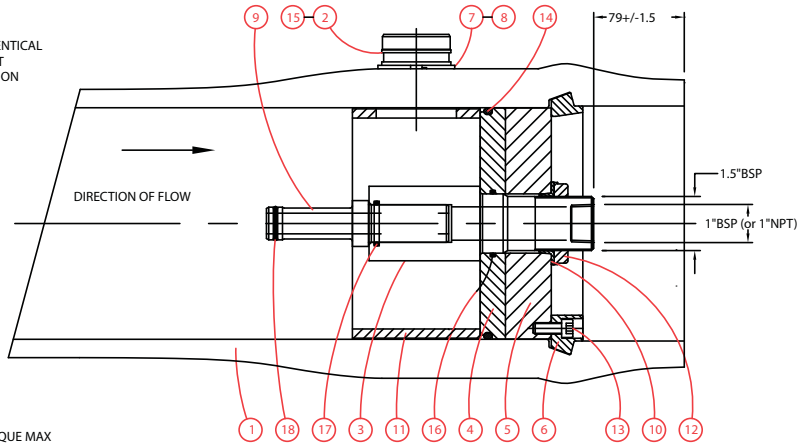
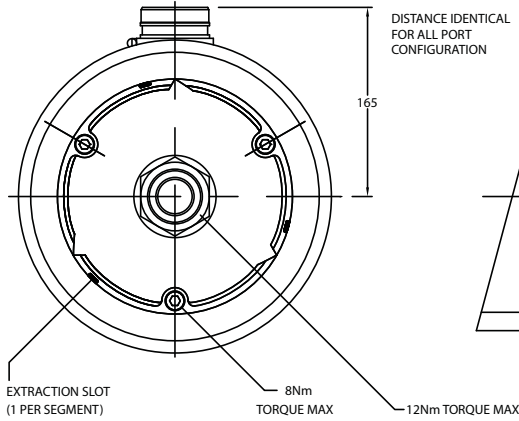
Feed and concentrate connections: 1.5" & 2.0" Victaulic. **Product connections:** 1" BSP.

Order Reference	No of 40" Elements	Port to Port Length +/-1mm	Max Support Position	Min Support Position	Max Dry Weight
8S1200X.1	1	1143	650	500	74 kg
8S1200X.1.5	1.5	1651	1150	500	85 kg
8S1200X.2	2	2159	1650	500	96 kg
8S1200X.3	3	3175	2680	960	117 kg
8S1200X.4	4	4191	3190	1970	139 kg
8S1200X.4.5	4.5	4699	3375	2480	150 kg
8S1200X.5	5	5207	3560	2990	160 kg
8S1200X.6	6	6223	4020	4020	182 kg
8S1200X.7	7	7239	6170 C	5090 C	203 kg
8S1200X.7.5	7.5	7747	6220 C	5330 C	214 kg

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

8" Side Port Pressure Vessel 1200 psi (83 bar)

ORDER REFERENCE
See Box Below



Item	Description	Material	Part No.	No. off
1	Vessel Body	Glass Fibre Epoxy Resin	BDY3111	1
2	Feed Concentrate Port	Duplex St. Steel 2507 1.5" Port	CMP 3700.A	2/3/4
		Duplex St. Steel 2507 2" Port	CMP 3297.A	2/3/4
3	Product Tube	Thermoplastic	CMP 3369.A	2
4	End Plate	Thermoplastic	CMP 1954.A	2
5	Backing Plate	Aluminium	CMP 2302	2
6	Retaining Ring Segment	St. Steel 316	CMP 1470	2 Sets of 3
7	Port Retaining Clip	Thermoplastic 1.5" Port	CMP 3585	2/3/4
		Thermoplastic 2" Port	CMP 3575	2/3/4
		(Included in Item 2)		
8	Port Clamp	St. Steel 302 1.5" Port	CMP3586	2/3/4
		St. Steel 302 2" Port	CMP 3574	2/3/4
		(Included in Item 2)		
9	Adaptor	Thermoplastic	To suit membrane	2
10	Anti-Rotation Collet	ABS	CMP 1894	2
11	Thrust Ring	MDPE/Nylon	CMP 3069.A	1
12	1.5" BSP Backnut	Thermoplastic	CMP 1979	2
13	Cap Head Screw	St. Steel Grade A2	CMP 1520	6
14	O-Seal End Plate	EPDM Included in Item 4	BS 882	
15	O-Seal Feed Port	Viton 1.5" Port	BS228V	2/3/4
		Viton 2" Port	BS844V	2/3/4
		(Included in Item 2)		
16	O-Seal Prod/End Plate	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		1

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](#).

The company reserves the right to alter specifications without prior notice.
This data sheet supersedes all previous issues. Product Code: 851200X 10/08