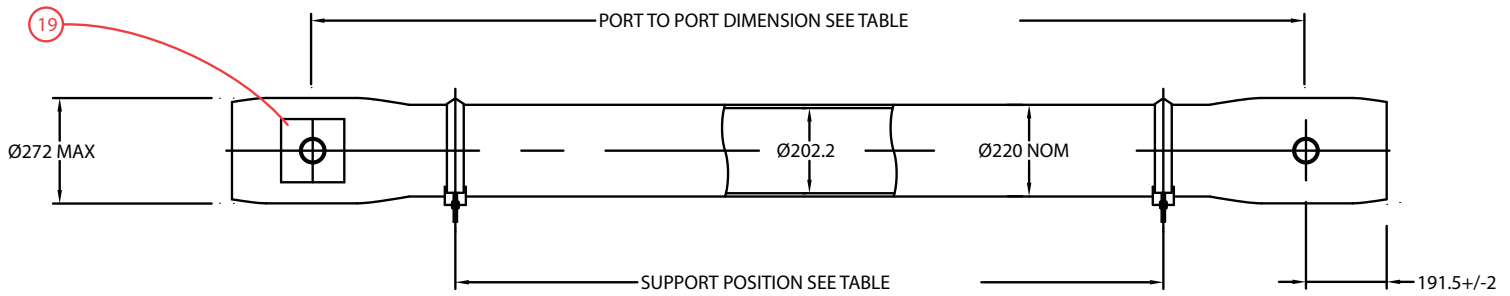


8" Side Port Pressure Vessel

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 3600 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.

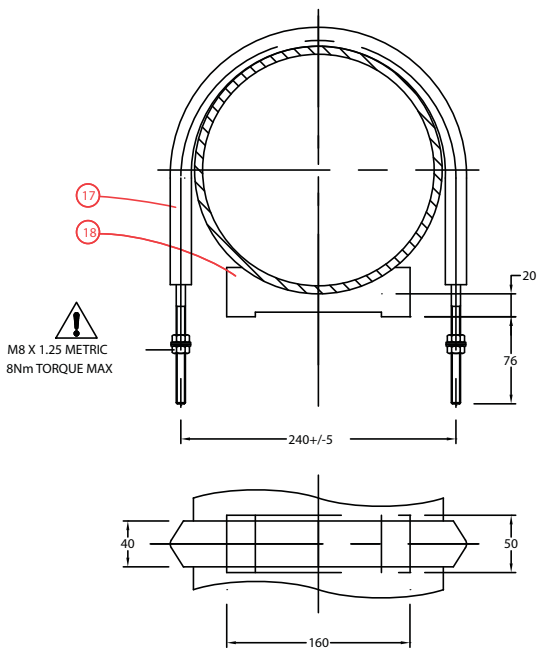
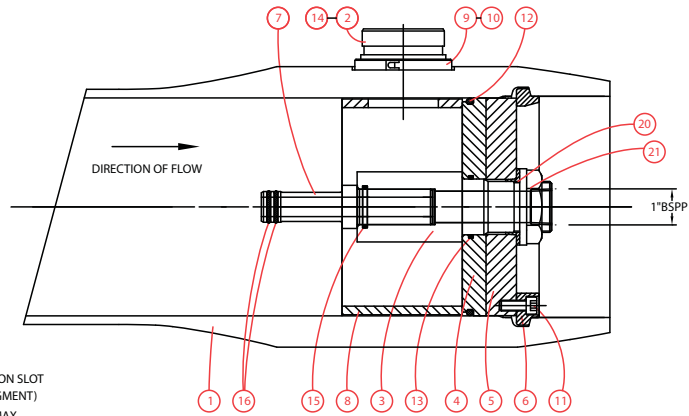
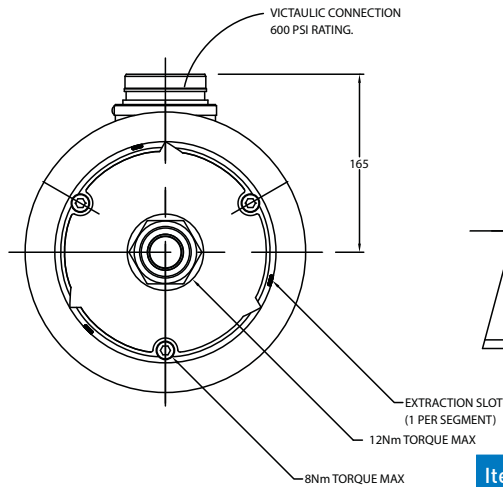
Feed and concentrate connections: 2.5"/76mm Victaulic. Product connections: 1" BSP.

Order Reference	No of 40" Elements	Port to Port Length +/-1mm	Max Support Position	Min Support Position	Max Dry Weight
8S600X.1	1	1143	740	500	56 kg
8S600X.1.5	1.5	1651	1250	500	63 kg
8S600X.2	2	2159	1750	500	70 kg
8S600X.3	3	3175	2775	960	85 kg
8S600X.4	4	4191	3190	1970	100 kg
8S600X.4.5	4.5	4699	3375	2480	107 kg
8S600X.5	5	5207	3560	2990	114 kg
8S600X.6	6	6223	4020	4020	129 kg
8S600X.7	7	7239	6170 C	5090 C	144 kg
8S600X.7.5	7.5	7747	6220 C	5330 C	151 kg

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

8" Side 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 3486	1
2	Feed Concentrate Port	St. Steel 316L 2.5" (73mm) Port	CMP 3290.A	2/3/4
		St. Steel 316L 76mm Port	CMP 3289.A	2/3/4
3	Product Port	Thermoplastic	CMP 3366.A	2
4	End Plate	Thermoplastic	CMP 1954.A	2
5	Backing Plate	Aluminium	CMP 1948	2
6	Retaining Ring Segment	St. Steel 316	CMP 1469	2 Sets of 3
7	Adaptor	Thermoplastic	To suit membrane	2
8	Thrust Ring	MDPE/Nylon	CMP 3069.A	1
9	Port Retaining Clip	Thermoplastic 2.5" (73mm) Port	CMP 3561	2/3/4
		Thermoplastic 76mm Port	CMP 3561	2/3/4
		(Included in Item 2)		
10	Port Clamp	St. Steel 302 2.5" (73mm) Port	CMP 3572	2/3/4
		St. Steel 302 76mm Port	CMP 3572	2/3/4
		(Included in Item 2)		
11	Cap Head Screw	St. Steel Grade A2	CMP 1520	6
12	O-Seal End Cap	EPDM Included in Item 4	BS882	2
13	O-Seal Prod/End Cap	EPDM Included in Item 4	BS832	4
14	O-Seal Feed/Conc	EPDM 2.5" (73mm) Port	BS188	2/3/4
		EPDM 76mm Port	BS188	2/3/4
		(Included in Item 2)		
15	O-Seal Prod/Adaptor	EPDM Included in Item 3	BS219	2
16	O-Seal Adaptor	EPDM	To suit membrane	2/4
17	Strap	St. Steel/PVC	CMP 3426.A	2/3
18	Saddle	Urethane	CMP 1075	2/3
19	Nameplate	Vinyl		1
20	Anti-rotation Collet	ABS	CMP 1894	2
21	1.5" BSP Backnut	Thermoplastic	CMP 1979	2

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: 8S600X 10/08