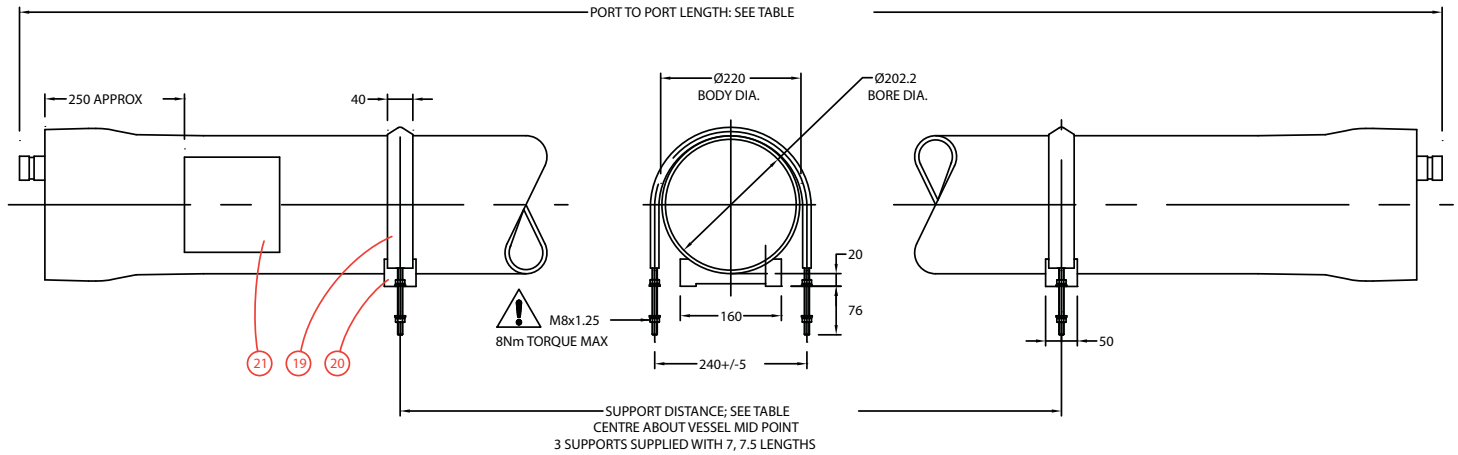


8" End Port Pressure Vessel

450 psi (31.05 bar)

ORDER REFERENCE
See Box Below



Working Pressure: 450 psi

Working Temperature: -7° to 45°C

pH Range: 3 - 10

Assembly Drawing: 1MNC 3032

Design Code: PED

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.

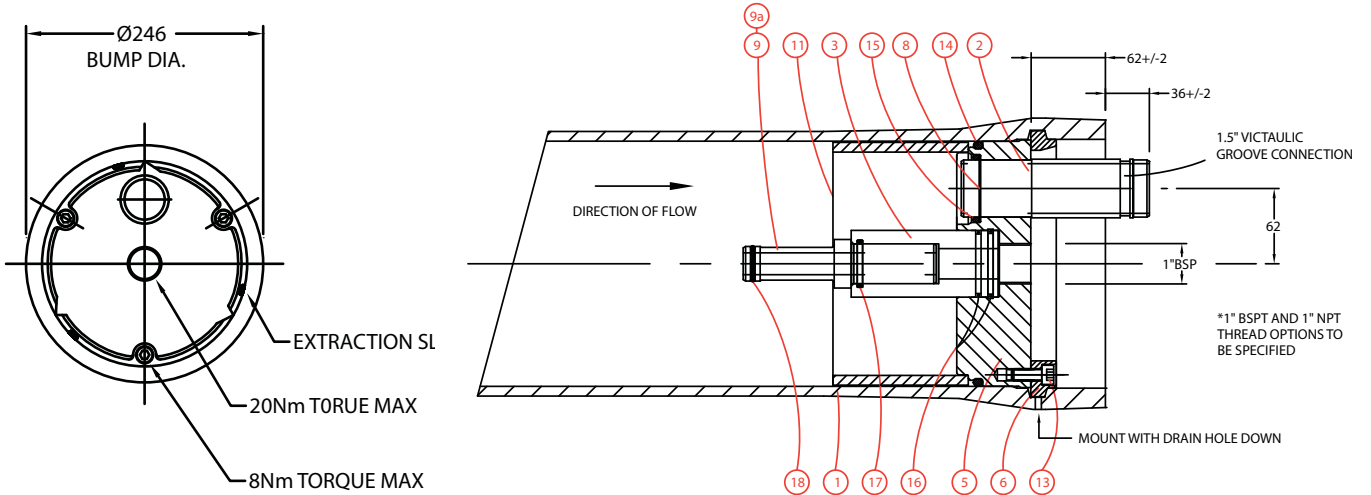
Feed and concentrate connections: 1.5" Victualic.

Product connections: 1.0" BSP Parallel (Female)

Order Reference	No of 40" Elements	Port to Port Length +/-7mm	2 Supports Max/Min	3 Supports Max/Min	Max Dry Weight
8E450N.1	1	1566	1100 700	- -	25 kg
8E450N.1.5	1.5	2064	1400 1000	- -	30 kg
8E450N.2	2	2572	1800 1300	- -	35 kg
8E450N.3	3	3588	2400 1800	2400 1800	45 kg
8E450N.4	4	4604	2950 2400	3250 2400	55 kg
8E450N.4.5	4.5	5112	3200 2800	3700 2800	60 kg
8E450N.5	5	5620	3450 3150	4150 3150	66 kg
8E450N.6	6	6636	4000 3800	5000 3800	76 kg
8E450N.7	7	7652	- -	5850 4850	86 kg
8E450N.7.5	7.5	8160	- -	6200 5350	92 kg

8" End Port Pressure Vessel 450 psi (31.05 bar)

ORDER REFERENCE
See Box Below



Item	Description	Material	Part No.	No. off
1	Vessel Body	Glass Fibre Epoxy Resin	BDY 3112	1
2	Feed/Concentrate Port	St. Steel - 316	CMP 2476.A	2
3	Hub	Thermoplastic	CMP 1550.A	2
4				
5	End Cap	Thermoplastic	CMP 2884.A	2
6	Retaining Ring Segment	St. Steel 316	CMP 1469	2 Sets of 3
7				
8	Spiroloc Circlip	St. Steel 302 Included in item 2	CMP 3062	2
9	Adaptor	Thermoplastic	To suit membrane	2
9a	Adaptor Spacer Shims (To suit membrane)	Thermoplastic	CMP 1674	8
10				
11	Thrust Ring	Thermoplastic	CMP 1228	1
12				
13	Cap Head Screw	St. Steel A2	CMP 1520	6
14	'O' Seal End cap	EPDM Included in item 5	BS882	2
15	'O' Seal Feed/End Cap	EPDM Included in item 2	BS327	2
16	'O' Seal Hub/End Cap	EPDM Included in item 3	BS225	4
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	Vinyl	Not Available	1

The company reserves the right to alter specifications without prior notice.
This data sheet supersedes all previous issues. Product Code: 8E450N 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](#).