

Technical Information Sheet

Product Code: 8E100N



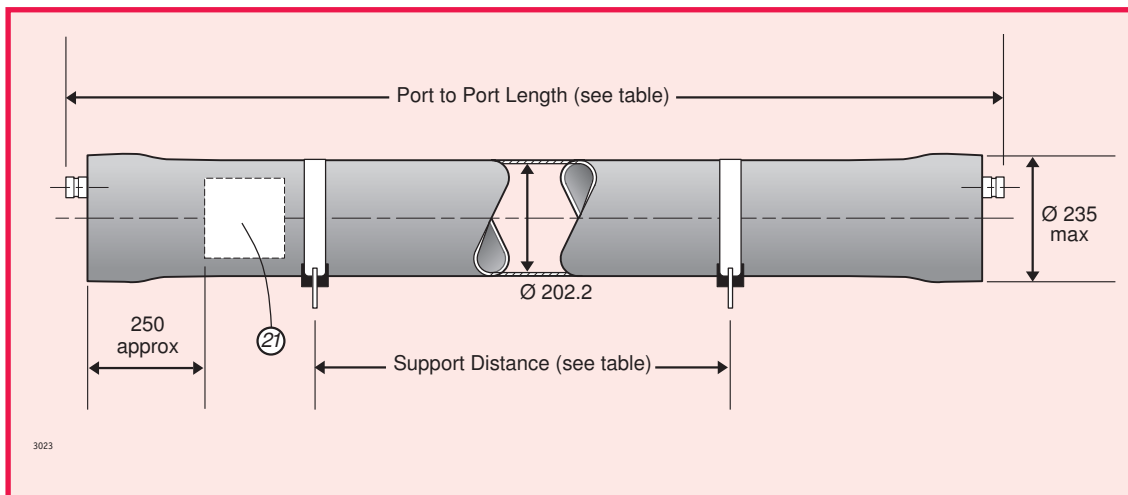
8" End Port Pressure Vessel

END PORT

100 psi (6.9 bar)

Working Pressure: **100 psi**
Assembly Drawing: **1MNC 3023**

Working Temperature: **-7 to 45°C**
Does not conform to 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 Vessels.

Feed and concentrate connections: 1.5" Victualic

Product connections: 1.0" BSP Parallel (Male)

No of 40" Elements	Port to Port Length +/-7mm	Support Distance		Max Dry Weight
		2 Supports Max/Min	3 Supports Max/Min	
1	1549	1100 700	- -	20 kg
1.5	2057	1400 1000	- -	23 kg
2	2565	1700 1300	- -	26 kg
3	3581	2400 1800	2400 1800	33 kg
4	4597	2950 2450	3250 2450	39 kg
4.5	5105	3200 2800	3700 2800	42 kg
5	5613	3450 3150	4150 3150	47 kg
6	6629	4000 3800	5000 3800	55 kg
7	7645	- -	5850 4850	62 kg
7.5	8153	- -	6200 5350	65 kg

All dimensions in mm

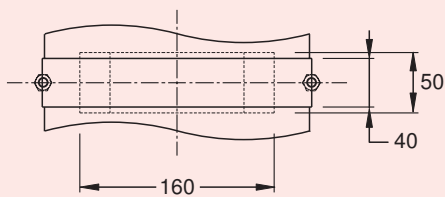
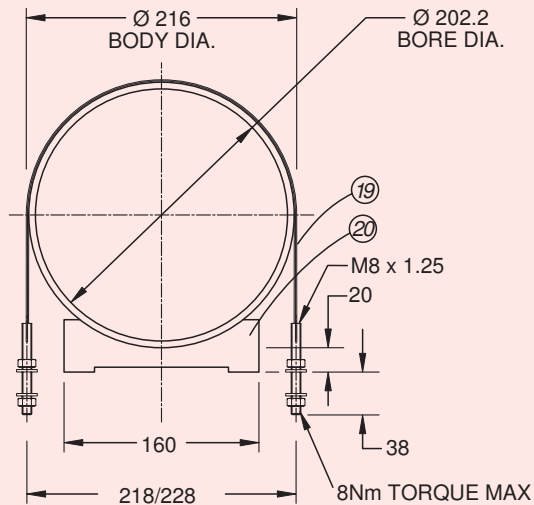
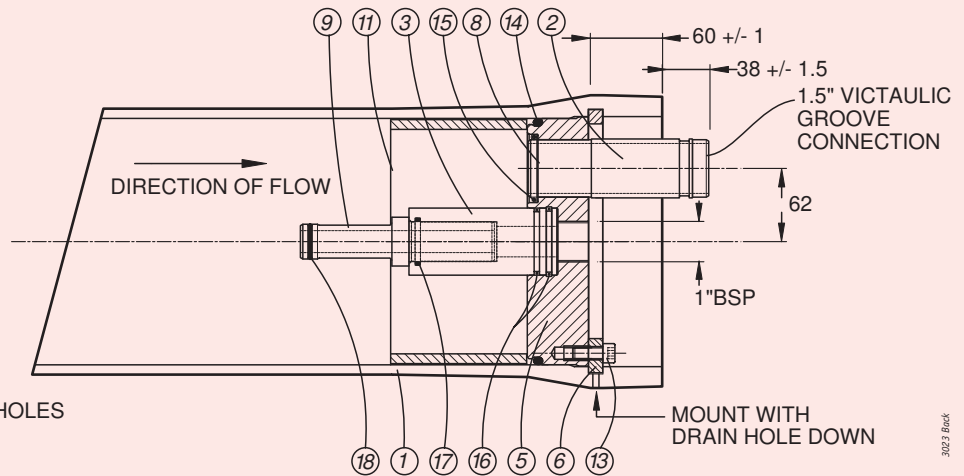
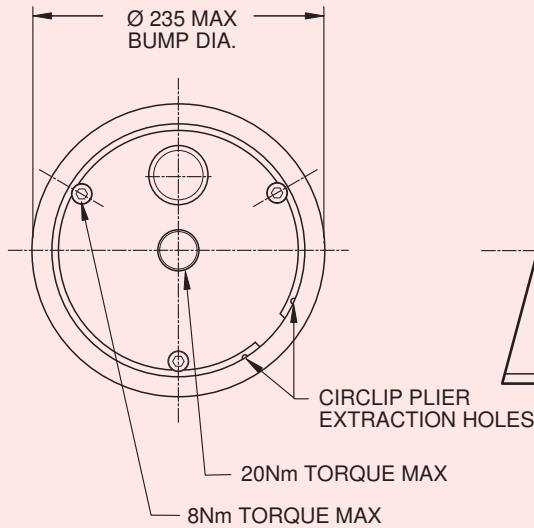
All dimensions and weights are nominal unless stated otherwise.

Phoenix Vessels

8" End Port Pressure Vessel

END PORT

100 psi (6.9 bar)



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.

Item	Description	Material	Part No	No. off
1	Vessel Body	Glass Fibre Epoxy Resin	PVL 3109	1
2	Feed/Concentrate Port	Thermoplastic	PVL 2488	2
3	Hub	Thermoplastic	PVL 1550	2
4				
5	End Cap	Thermoplastic	PVL 2858	2
6	Retaining Ring	Stainless Steel 316	PVL 2514	2
7				
8	Spiroloc Circlip	Stainless Steel 302	PVL 3062	2
9	Adaptor	Thermoplastic	To suit membrane	2
9a	Adaptor Spacer Shims	Thermoplastic	PVL 1674	8
10				
11	Thrust Ring	Thermoplastic	PVL 1228	1
12				
13	Cap Head Screw	Stainless Steel A4	PVL 1520	6
14	'O' Seal End cap	EPDM	Size BS882	2
15	'O' Seal Feed/End Cap	EPDM	Size BS327	2
16	'O' Seal Hub/End Cap	EPDM	Size BS225	4
17	'O' Seal Prod/Adaptor	EPDM	Size BS219	2
18	'O' Seal Adaptor	EPDM	To suit membrane	2/4
19	Strap	Stainless Steel/Neoprene	PVL 1211	2/3
20	Saddle	Urethane	PVL 1075	2/3
21	Nameplate	Vinyl		1

The company reserves the right to alter specifications without prior notice.



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