

Technical Information Sheet

Product Code: 2.5E1000N



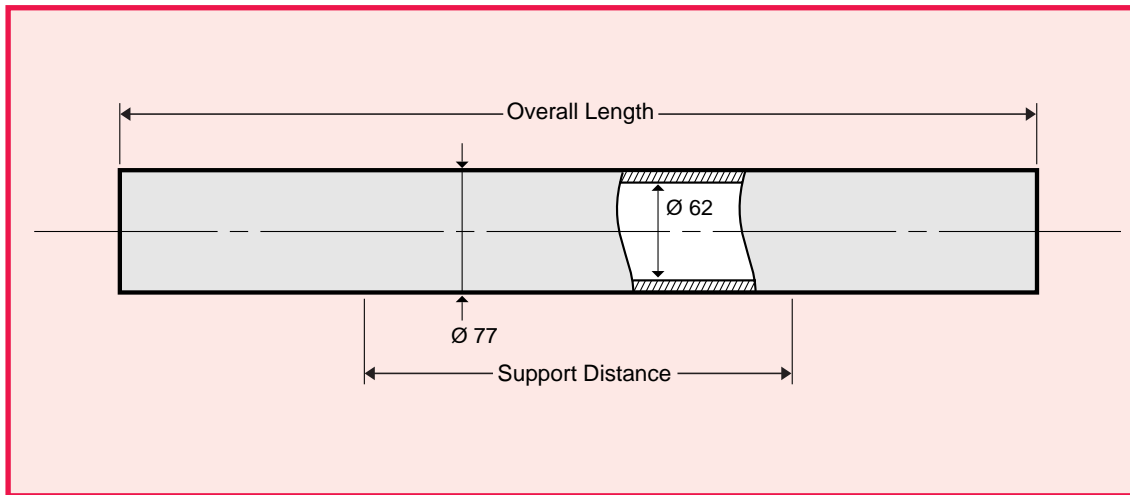
2.5" End Port Pressure Vessel

END PORT

1000 psi (69.0 bar)

Working Pressure: **1000 psi**
 Assembly Drawing: **1MNC 1503**

Working Temperature: **-7 to 45°C**
 Does not conform to ASME X



Body of vessel is manufactured completely from glass reinforced epoxy resins.

Please advise membrane type and length when requesting further details.

Pressure vessels can be produced to cover all leading manufacturers membranes regardless of length.

Please adhere to recommended support positions, if in doubt contact Phoenix Vessels.

Feed and concentrate connections: 1/4" BSPT (Female)

Product connections: 1/4" BSPT (Female)

Membrane Length	Overall Length +/-2mm	Max support position	Min support position	Max Dry Weight
12" x 1b	473	370	100	2.1 kg
14" x 1a	473	370	100	2.1 kg
21" x 1a	651	550	200	2.8 kg
25" x 1b	803	700	300	3.2 kg
14" x 2a	829	700	300	3.4 kg
40" x 1a	1133	1000	400	4.6 kg
40" x 1b	1184	1050	450	4.7 kg
21" x 2a	1184	1050	450	4.7 kg
40" x 2a	2149	1500	860	8.3 kg
40" x 2b	2200	1500	860	8.5 kg

All dimensions in mm
 All dimensions and weights are nominal unless stated otherwise.

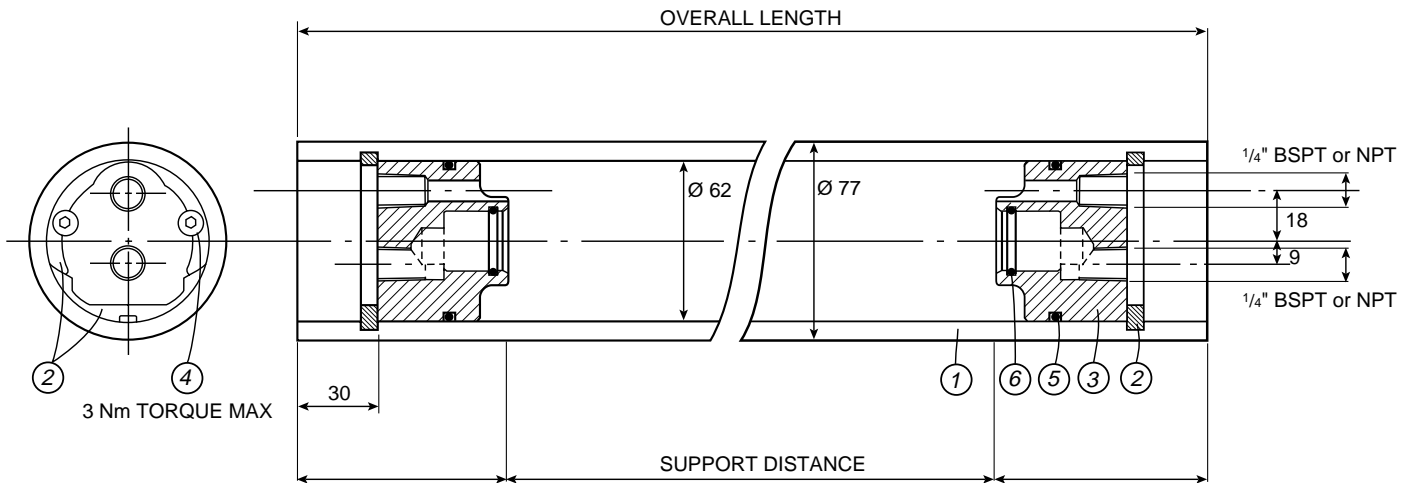
c = Central support required

Phoenix Vessels

2.5" End Port Pressure Vessel

END PORT

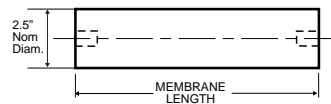
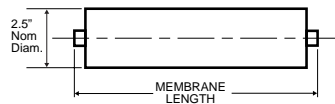
1000 psi (69.0 bar)



NOTE:

'1A' length suitable for element with male permeate tube

'1B' length suitable for element with female permeate tube



Item	Description	Material	Part No	No. off
1	Vessel Body	Glass Fibre Epoxy Resin	PVL 25-10-1438	1
2	Retaining Ring	Stainless Steel 316	PVL 25-10-1537	2
3	End Cap	Thermoplastic	BSPT PVL 25-10-1536	2
			NPT PVL 25-10-1789	2
4	Cap Head Screw	Stainless Steel	M6 x 1.0 x 16 L	4
5	'O' Seal (End cap)	EPDM	200-227-2064	2
6	'O' Seal (Membrane)	EPDM	To suit membrane	2

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

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.

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