

Technical Information Sheet

Product Code: 4.6E400N



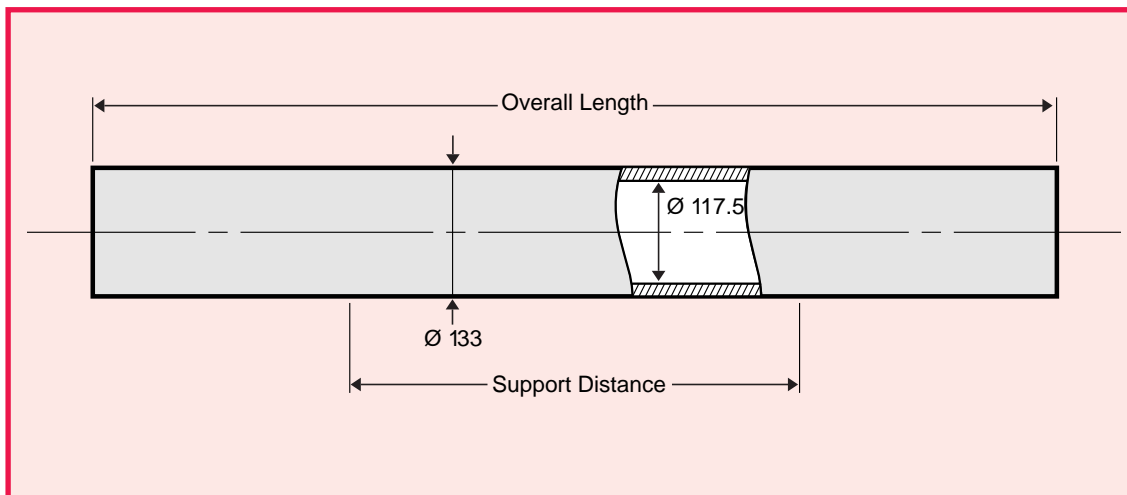
4.625" End Port Pressure Vessel

END PORT

400 psi (27.6 bar)

Working Pressure: **400 psi**
Assembly Drawing: **1MNC 1501**

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: 1/2" BSPT or NPT (Female)

Product connections: 3/8" BSPT or NPT (Female)

Element Length "	Overall Length +/-2mm	Max support position	Min support position	Max Dry Weight*
11"	435	300	200	3.2 kg
19"	635	500	200	4.2 kg
41"	1194	800	200	7.0 kg

All dimensions in mm (except membrane length - inches)
All dimensions and weights are nominal unless stated otherwise.

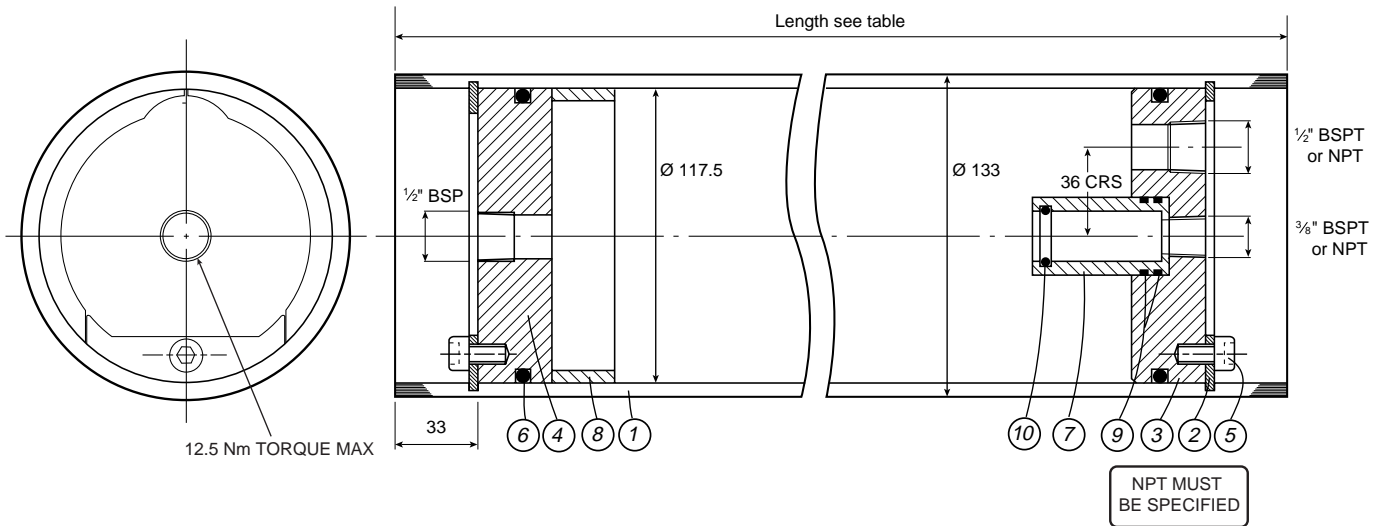
c = Central support required
* = Including end fittings

Phoenix Vessels

4.625" End Port Pressure Vessel

END PORT

400 psi (27.6 bar)



NOTES

1. Glycerin to be used on all 'O' seal paths.

Item	Description	Material	Part No.	No. off
1	Vessel Body	Glass Fibre Epoxy RESIN	PVL 46-04-1496	1
2	Retaining Ring	Stainless Steel 316	PVL 46-04-1492 (2 per set) PVL 46-04-1493 (1 per set)	2 sets
3	End Cap A	Thermoplastic	PVL 46-04-1494 (BSPT) PVL 46-04-2122 (NPT)	1
4	End Cap B	Thermoplastic	PVL 46-04-1495 (BSPT) PVL 64-04-2123 (NPT)	1
5	Cap Head Screw	Stainless Steel Grade A4	M8 x 1.25 (20mm long)	2
6	'O' Seal (End Cap)	EPDM	Size BS347	2
7	Adaptor/Hub	Thermoplastic	To suit membrane	1
8	Spacer Ring (41.3 only)	Thermoplastic	To suit membrane	1
9	'O' Seal (Hub/End Cap)	EPDM	Size BS121	2
10	'O' Seal (Element)	EPDM	To suit membrane	1

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.

INAQUA Hungary Kft.

H-1117 Budapest, Hunyadi János út 2.
Telefon: +36-1-371-1202 Fax: +36-1-204-8916
e-mail: sales@inaqua.hu