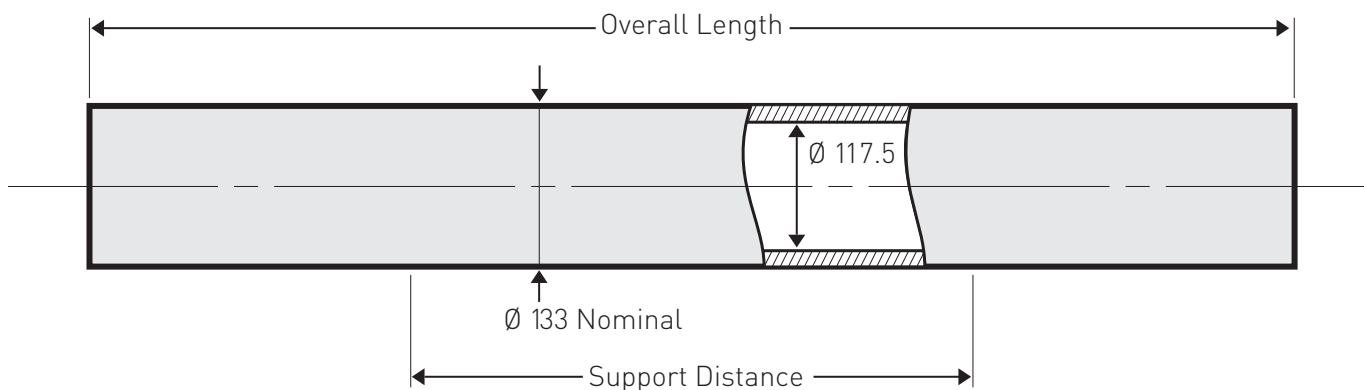


4.625" End Port Pressure Vessel 400 psi (27.6 bar)

ORDER REFERENCE
See Box Below



Working Pressure: 400 psi

Working Temperature: -7° to 45°C

Assembly Drawing: 1MNC 1501

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 Vessel Technology.

Feed and concentrate connections: 1/2" BSPT or NPT (Female).

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

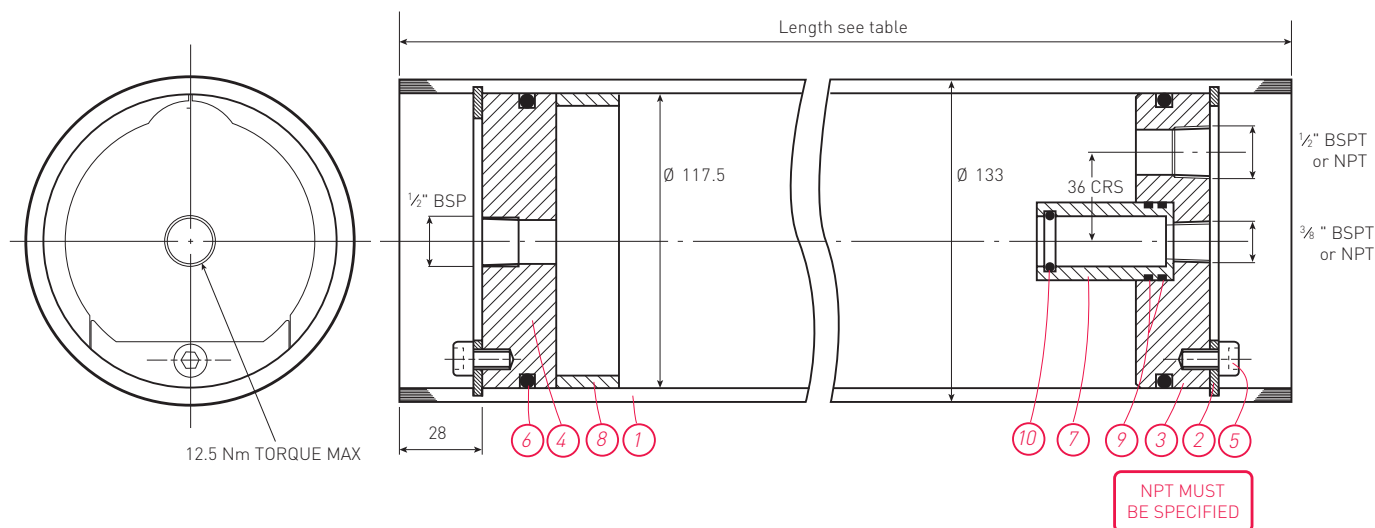
Order Reference	Element Length"	Overall Length +/-2mm	Max Support Position	Min Support Position	Max Dry Weight*
4.6E400N.(11)	11"	435	300	200	3.2 kg
4.6E400N.(19)	19"	635	500	200	4.2 kg
4.6E400N.(41)	41"	1194	800	200	7.0 kg

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

c = Central support required.
* Includes end fittings.

4.625" End Port Pressure Vessel 400 psi (27.6 bar)

ORDER REFERENCE
See Overleaf



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	BDY 1496	1
2	Retaining Ring Segment	St. Steel 316	CMP 1492 (2 per set) CMP 1493 (1 per set)	2 Sets
3	End Cap A	Thermoplastic	CMP 1494 (BSPT) CMP 2122 (NPT)	1
4	End Cap B	Thermoplastic	CMP 1495 (BSPT) CMP 2123 (NPT)	1
5	Cap Head Screw	St. Steel Grade A4	M8 x 1.25 (20mm long)	2
6	'O' Seal (End Cap)	EPDM	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	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 on our website](#).

This data sheet supersedes all previous issues.

Product Code: 4.6E400N 09/06