Working Pressure: 300 psi
Assembly Drawing: 1MNC 3017

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

This data sheet supersedes all previous issues. Product Code: 8E300N    09/06

**Technical Information Sheet**

**8" End Port Pressure Vessel 300 psi (20.7 bar)**

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**Item** | **Description** | **Material** | **Part No.** | **No. off**
---|---|---|---|---
1 | Vessel Body | Glass Fibre Epoxy Resin | BDY 3108 | 1
2 | Feed/Concentrate Port | St. Steel - 316 | CMP 2476 | 2
3 | Hub | Thermoplastic | CMP 1550 | 2
4 | End Cap | Thermoplastic | CMP 2858 | 2
5 | Retaining Ring Segment | St. Steel 304 | CMP 1886 | 6
6 | Spiroloc Circlip | St. Steel 302 | CMP 3062 | 2
7 | Adaptor | Thermoplastic | To suit membrane | 2
8 | Adaptor Spacer Shims | Thermoplastic | CMP 1674 | 8
9 | Thrust Ring | Thermoplastic | CMP 1228 | 1
10 | Cap Head Screw | St. Steel Grade A4 | CMP 1520 | 6
11 | ’O’ Seal End Cap | EPDM | BS382 | 2
12 | ’O’ Seal Feed/End Cap | EPDM | BS327 | 2
13 | ’O’ Seal Hub/End Cap | EPDM | BS225 | 4
14 | ’O’ Seal Prod/Adaptor | EPDM | BS219 | 2
15 | ’O’ Seal Adaptor | EPDM | To suit membrane | 2/4
16 | Strap | St. Steel/Neoprene | CMP 1211 | 2/3
17 | Saddle | Urethane | CMP 1075 | 2/3
18 | Nameplate | Vinyl | Not Available | 1

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**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.