

Technical Data Sheet

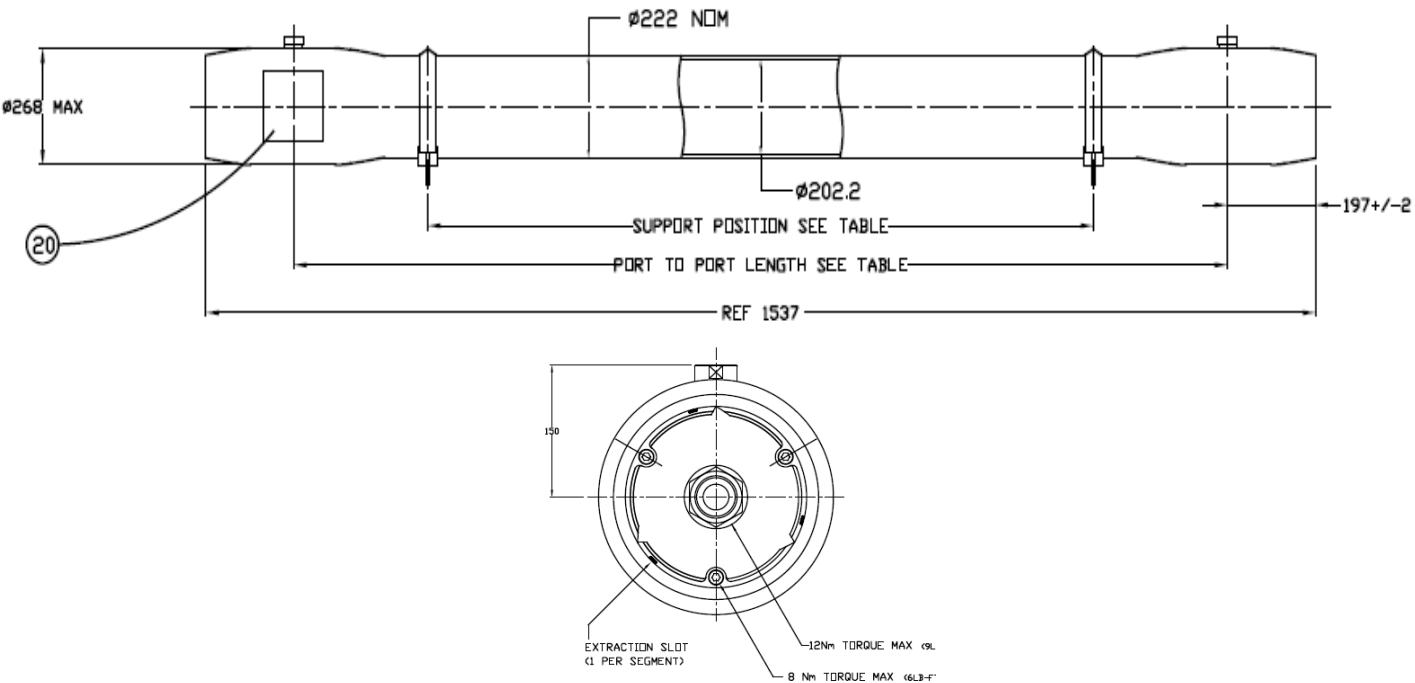
Working Pressure: 800 psi

Working Temperature: 0°C to 45°C

Assembly Drawing: 5926

Design Code: PED

Product Code: 8S800N Issue: [always request current issue]



Order Reference	Overall Length mm	Port to Port Length +/- 7 mm	Max Support Position mm	Min Support Position mm
8S800N.1	1537	1143	875	500

Feed & Concentrate Connections: 1.25" BSPT Internal Thread

Product Connections: 1.25" BSPT Internal Thread

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.

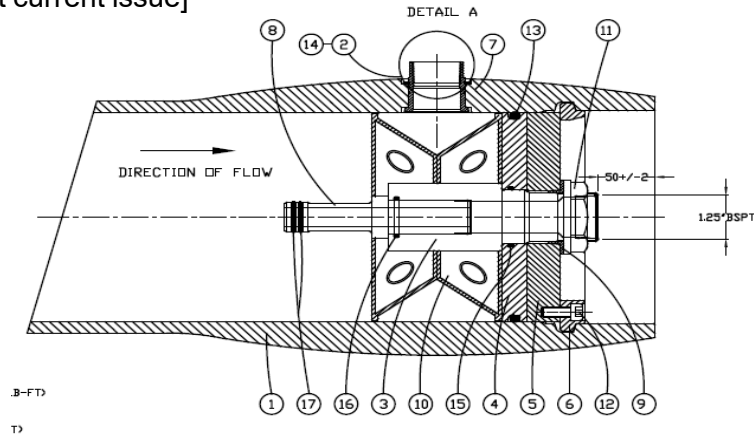
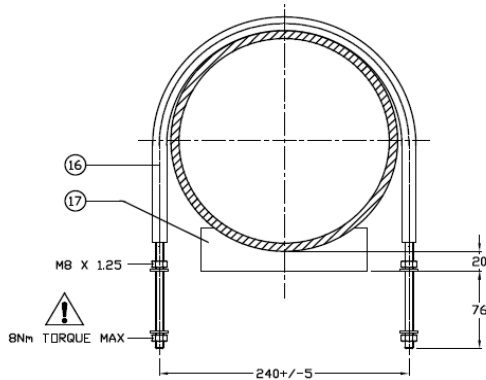
NB: CONFIRM WITH PHOENIX VESSEL TECHNOLOGY THAT YOU ARE WORKING TO THE LATEST DIMENSIONS PRIOR TO ANY RIG DESIGN WORK

All dimensions in mm

All dimensions and weights are nominal unless stated otherwise

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User Guide on our Website

DO NOT EXCEED THE MAXIMUM TORQUE

Item	Description	Material	Part No.	Qty
1	Vessel Body	Glass Fibre Epoxy Resin	CMP 3988	1
2	Feed Concentrate Port	ST. ST. 316L	CMP 5907	2/3/4
3	Product Tube	UPVC	CMP 5931	2
4	End Cap	Polypropylene	CMP 1954	2
5	Backing Plate	Anodised Aluminium 6082-T6	CMP 1948	2
6	Retaining Rings	ST. ST. 316L	CMP 1469	6
7	Spiroloc Circlip	ST.ST	CMP 1950	2/3/4
8	Adaptor	UPVC	To Suit Membrane	2
9	Anti-Rotation Collet	ABS	CMP 1894	2
10	Thrust Ring	Thermoplastic	CMP 4211	1
11	1.5" BSP Backnut	ST. ST. 316L	CMP 1979	2
12	Cap Head Screw	ST.ST Grade A4	CMP 1520	6
13	'O' Seal Endplate	EPDM	BS 882	2
14	'O' Seal Feed Port	EPDM	BS 227	2/3/4
15	'O' Seal Prod/Endplate	EPDM	BS 832	4
16	'O' Seal Prod/Adaptor	EPDM	BS 219	2
17	'O' Seal Adaptor	EPDM	To Suit Membrane	4
19	Strap	ST.ST/UPVC	CMP 3426	2
20	Saddle	Polypropylene	CMP 3919	2
21	Name Plate	Vinyl	PV 098	1

Phoenix Vessel Technology
Limited
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The company reserves the right to alter specifications without prior notice.

Contact Phoenix Vessel Technology to request latest issue.

For lubricants and general assembly refer to the

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