



NOTE: STANDARD PARTS ARE SHOWN FOR REFERENCE ONLY
CHECK ORIGINAL ORDER FOR ORDERING SPARE PARTS

GENERAL DIMENSIONS

Shell Length Code	L inch (mm)	P3 Standard inch (mm)	S Span in (mm)	Empty Weight lb (kg)
-1	61.6 [1564.64]	46 [1168.40]	1 @ 28 [711.20]	TBD
-2	101.6 [2580.64]	86 [2184.40]	1 @ 56 [1422.40]	TBD
-3	141.6 [3596.64]	126 [3200.40]	1 @ 80 [2032.00]	TBD
-4	181.6 [4612.64]	166 [4216.40]	2 @ 64 [1625.60]	TBD
-5	221.6 [5628.64]	206 [5232.40]	2 @ 78 [1981.20]	TBD
-6	261.6 [6644.64]	246 [6248.40]	2 @ 92 [2336.80]	TBD
-7	301.6 [7660.64]	286 [7264.40]	2 @ 106 [2692.40]	TBD
-8	341.6 [8676.64]	326 [8280.40]	2 @ 120 [3048.00]	TBD

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4081256	Shell	Filament Wound, Epoxy FRP
2	2	4080034	Bearing Plate	6061-T6 Aluminum, SB-221, Anodized
3	2	4080177-3	Sealing Plate	Noryl GFN2
4	2	4081174-2	Feed/Concentrate Port, 4", "L"	SST Super Duplex, SA-790
5	6	6201450	Retaining Ring, F/C Port, 4", "L"	Stainless Steel, 316, SA-479
6	2	6180348-N	O-Ring Seal, F/C Port, 4", "L"	Ethylene Propylene
7	2	4080308	Permeate Port	Noryl GFN2
8	2	6100442MK	Head Seal	Ethylene Propylene
9	2	6110229-N	Permeate Port Seal	Ethylene Propylene
10	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316, SA-479
11	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316, SA-479
12	2*	4080175	Support Saddle	Thermoplastic Rubber
13	2	4080137	Strap Assembly	Stainless Steel, 316
14	4	6150001	Strap Screw	Stainless Steel, 18-8
15	2	A/R	Adapter	Thermoplastic
16	1	4080165-3	Thrust Cone	PVC Thermoplastic
17	2	6110326**-N	Adapter Seal	Ethylene Propylene
18	A/R	A/R	PWT Seal	Ethylene Propylene
19	3	4080062-4	Shim, Adapter	Noryl GFN2

*3 each with shell length -4 and longer
**6110221-N when Permeate Port is not Noryl

NOTES:

DIMENSIONS IN INCHES (MM APPROX.)

FOR REFERENCE ONLY, NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED

SHIMMING OF THE SADDLES MAY BE REQUIRED

CENTER VESSEL ON 2 OR 3 SUPPORTS AT SPAN(S) "S".

INCORRECT MANIFOLDING WILL CAUSE SEVERE LOCAL STRESS AROUND PORT AND MAY RESULT IN LEAKS AND PREMATURE FAILURE. TAKE EVERY PRECAUTION LISTED IN THE ENGINEERING PACKET OR USERS MANUAL

INTERNAL PERMEATE PRESSURE MUST NOT EXCEED 125 PSI.

AS PER ASME AND CRN REQUIRED
ASME SECTION X 2021, RP/NB STAMP REQUIRED FOR CRN

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



PRO 8-1000-MMSP

ENGR	MK
	8/24/22
QLTY	TS
	8/24/22
MRKT	CC
	8/24/22

ECO	REVISED	DRAWING	REV
N/A	N/A	101064	A