



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

GENERAL DIMENSIONS

Shell Length Code	P3		S	Empty Weight lb (kg)
	L inch (mm)	Standard inch (mm)		
-1	61.6 [1564.64]	46 [1168.40]	1 @ 28 [711.20]	133 (60)
-1.5	81.6 [2072.64]	66 [1676.40]	1 @ 42 [1066.80]	157 (71)
-2	101.6 [2580.64]	86 [2184.40]	1 @ 56 [1422.40]	180 (82)
-3	141.6 [3596.64]	126 [3200.40]	1 @ 80 [2032.00]	228 (104)
-4	181.6 [4612.64]	166 [4216.40]	2 @ 64 [1625.60]	275 (125)
-5	221.6 [5628.64]	206 [5232.40]	2 @ 78 [1981.20]	322 (146)
-6	261.6 [6644.64]	246 [6248.40]	2 @ 92 [2336.80]	370 (168)
-7	301.6 [7660.64]	286 [7264.40]	2 @ 106 [2692.40]	417 (190)
-7.5	321.6 [8168.64]	306 [7772.40]	2 @ 114 [2895.60]	441 (200)
-8	341.6 [8676.64]	326 [8280.40]	2 @ 120 [3048.00]	464 (211)

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080213	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	4080214	Feed/Concentrate Port, 3", "K"	SST Super Duplex, SA-790
5	2	6121373	Retaining Ring, F/C Port, 3", "K"	Stainless Steel, 316, SA-479
6	2	6180340-N	O-Ring Seal, F/C Port, 3", "K"	Ethylene Propylene
7	2	6121343	Retaining Ring, F/C Port, 3", "K"	Stainless Steel, 316, SA-479
8	2	4080308	Permeate Port	Noryl GFN2
9	2	6100442MK	Head Seal	Ethylene Propylene
10	2	6110229-N	Permeate Port Seal	Ethylene Propylene
11	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316, SA-479
12	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316, SA-479
13	2*	4080175	Support Saddle	Thermoplastic Rubber
14	2	4080137	Strap Assembly	Stainless Steel, 316
15	4	6150001	Strap Screw	Stainless Steel, 18-8
16	2	A/R	Adapter	Thermoplastic
17	1	4080165-3	Thrust Cone	PVC Thermoplastic
18	2	6110326**-N	Adapter Seal	Ethylene Propylene
19	A/R	A/R	PWT Seal	Ethylene Propylene
20	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 2019, RP/NB STAMP REQUIRED FOR CRN
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



PRO 8-1000-MSP

ENGR TS 21/28/01	ECO 20056	REVISED 21/28/01	DRAWING 101022	REV Q
QLTY MK 21/28/01				
MRKT AP 21/28/01				