



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

**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 8-600-MSP**

GENERAL DIMENSIONS				
Shell Length Code	L inch (mm)	P3 Standard inch (mm)	S Span in (mm)	Empty Weight lb (kg)
-1	59 [1498.60]	46 [1168.40]	1 @ 28 [711.20]	92 [42]
-1.5	79 [2006.60]	66 [1676.40]	1 @ 42 [1066.80]	108 [49]
-2	99 [2514.60]	86 [2184.40]	1 @ 56 [1422.40]	123 [56]
-3	139 [3530.60]	126 [3200.40]	1 @ 80 [2032.00]	155 [70]
-4	179 [4546.60]	166 [4216.40]	2 @ 64 [1625.60]	186 [84]
-5	219 [5562.60]	206 [5232.40]	2 @ 78 [1981.20]	217 [99]
-6	259 [6578.60]	246 [6248.40]	2 @ 92 [2336.80]	248 [113]
-7	299 [7594.60]	286 [7264.40]	2 @ 106 [2692.40]	279 [127]
-7.5	319 [8102.60]	306 [7772.40]	2 @ 114 [2895.60]	295 [134]
-8	339 [8610.60]	326 [8280.40]	2 @ 120 [3048.00]	310 [141]

BILL OF MATERIALS				
ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080238	Shell	Filament Wound, Epoxy FRP
2	2	4080032	Bearing Plate	6061-T6 Aluminum, SB-221, Anodized
3	2	4080177-3	Sealing Plate	Noryl GFN2
4	2	4080472-1	Feed/Concentrate Port, 3", "K"	Stainless Steel, 316, SA-312
5	6	6121343	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	4080309	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*	4080174	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 lengths -4 and longer.

ENGR TS 21/28/01	<table border="1"> <tr> <td>ECO 20055</td> <td>REVISED 21/28/01</td> <td>DRAWING 101024</td> <td>REV Q</td> </tr> </table>	ECO 20055	REVISED 21/28/01	DRAWING 101024	REV Q
ECO 20055		REVISED 21/28/01	DRAWING 101024	REV Q	
QLTY MK 21/28/01					
MRKT AP 21/28/01					