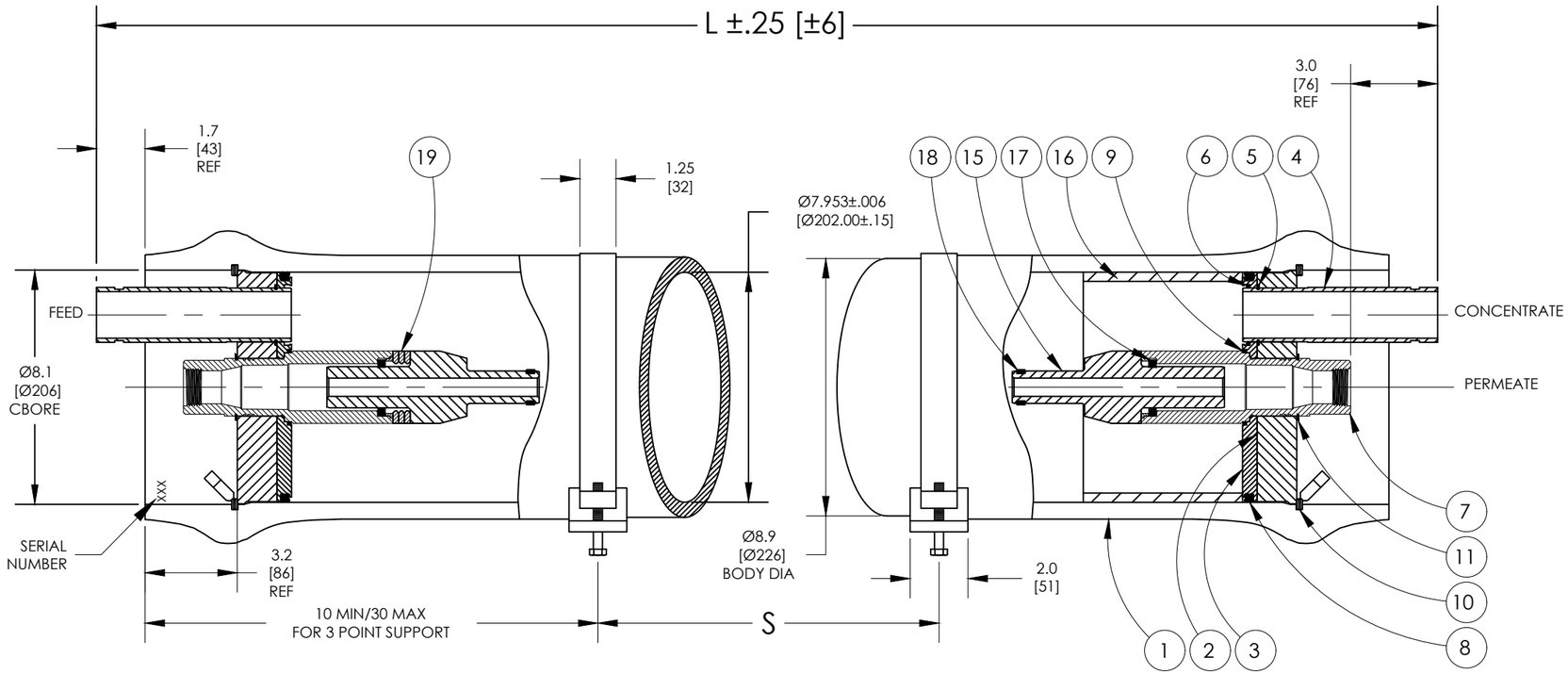

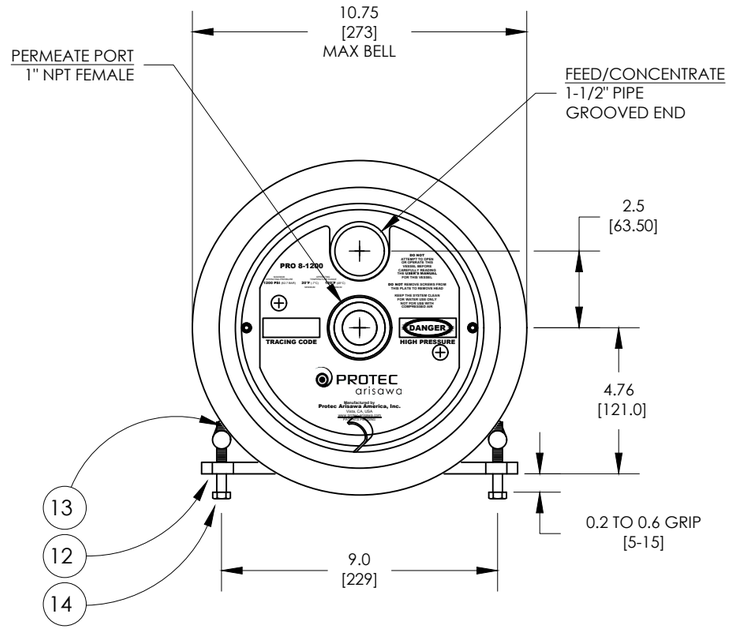

NOTE: STANDARD PARTS ARE SHOWN FOR REFERENCE ONLY
CHECK ORIGINAL ORDER FOR ORDERING SPARE PARTS

GENERAL DIMENSIONS

Shell Length Code	L inch (mm)	S Span in (mm)	Empty Weight lb (kg)
-1	65 [1651]	34 [864]	135 [61]
-1.5	85 [2159]	45 [1143]	164 [75]
-2	105 [2667]	56 [1422]	192 [87]
-3	145 [3683]	80 [2032]	249 [113]
-4	185 [4699]	104 [2642]	306 [139]
-5	225 [5715]	128 [3251]	363 [165]
-6	265 [6731]	150 [3810]	420 [191]
-7	305 [7747]	3 PTS.	477 [217]
-7.5	325 [8255]	3 PTS.	506 [230]
-8	345 [8763]	3 PTS.	534 [243]

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080006	Shell	Filament Wound, Epoxy FRP
2	2	4080033	Bearing Plate	6061-T6 Aluminum, SB-221, Anodized
3	2	4080065-1	Sealing Plate	PVC Thermoplastic
4	2	4080231	Feed/Concentrate Port	SST Super Duplex, SA-790
5	2	6121187	Retaining Ring, F/C Port	Stainless Steel, 316, SA-479
6	2	6184604-N	O-Ring Seal, F/C Port	Ethylene Propylene
7	2	4080378	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	TPR
13	2	4080137	Strap Assembly	Stainless Steel, 316
14	4	6150001	Strap Screw	Stainless Steel, 316
15	2	A/R	Adapter	Thermoplastic
16	1	4080043	Thrust Ring	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
**Qty 4, ***6110221-N, and ****4080071-2 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

AMERICA PROTEC arisawa

PRO 8-1200-EP

ENGR				
AP 21/28/01				
QLTY				
WJ 21/28/01				
MRKT	ECO	REVISED	DRAWING	REV
AP 21/28/01	20002	21/28/01	101012	N