



GENERAL DIMENSIONS

Shell Length Code	L inch [mm]	S Span In [mm]	Empty Weight lb [kg]
-1	65 [1651]	34 [864]	117 [53]
-1.5	85 [2159]	45 [1143]	135 [61]
-2	105 [2667]	56 [1422]	152 [69]
-3	145 [3683]	80 [2032]	192 [87]
-4	185 [4699]	104 [2642]	227 [103]
-5	225 [5715]	125 [3251]	262 [119]
-6	265 [6731]	150 [3810]	300 [136]
-7	305 [7749]	3 PTS.	337 [153]
-7.5	325 [8255]	3 PTS.	355 [161]
-8	345 [8765]	3 PTS.	373 [169]

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080532	Shell	Filament Wound, Epoxy FRP
2	2	4080533	Bearing Plate	6061-T6 Aluminum, SB-221, Anodized
3	2	4080065-1	Sealing Plate	PVC Thermoplastic
4	2	4080231	Feed/Concentrate Port	ST Super Duplex, SA-790
5	2	6121187	Retaining Ring, F/C Port	Stainless Steel, 316, SA-479
6	2	6184604-N	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	6	4080474	Locking Segments	Stainless Steel, 316
11	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316, SA-479
12	2*	4080175	Support Saddle	Thermoplastic Rubber
13	3	4080137	Strap Assembly	Stainless Steel, 316
14	6	6150001	Strap Screw	Stainless Steel, 18-8
15	2	A/R	Adapter acc./to membrane model	Noryl GFN2/ PET
16	1	4080043	Thrust Ring	PVC Thermoplastic
17	2	6180326-N**	Adapter Seal	Ethylene Propylene
18	4	A/R	PWT Seal	Ethylene Propylene
19	6	6150048	Head Screw	Stainless Steel, 18-8
20	3	4080062-4	Shim, Adapter [5mm]	PVC / Noryl GFN2

* 3 each with shell length -7 and longer
 ** 6110221 when Permeate Port is not Noryl

NOTES:

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". 3 SUPPORTS REQUIRED FOR LENGTHS -4 AND OVER.

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.

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



BPV-8-1200-EP

ENGR	DG	21/28/01
QLTY	RR	21/28/01
MRKT	DG	21/28/01

ECO	REVISED	DRAWING	REV
12056	21/28/01	101050	B