



Design Pressure = 600 PSI @ 120 °F
 Min. Design Temperature = -20 °F @ 600 PSI
 Hydrotest Pressure = 660 PSI

600 PSI
 MEGA
 SIDE PORT

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

| Shell Length Code | L Inch (mm) | P3 Standard Inch (mm) | S Span In (mm) | Empty Weight lb (kg) |
|-------------------|----------------|--------------------------|-------------------|----------------------|
| -1 | 59 [1500] | 46 [1168.4] | 1 @ 25 [635] | 121 [55] |
| -1.5 | 79 [2008] | 66 [1676.4] | 1 @ 42 [1067] | 132 [60] |
| -2 | 99 [2516] | 86 [2184.4] | 1 @ 56 [1422] | 143 [65] |
| -3 | 139 [3532] | 126 [3200.4] | 1 @ 80 [2032] | 168 [76] |
| -4 | 179 [4548] | 166 [4216.4] | 2 @ 64 [1626] | 190 [86] |
| -5 | 219 [5564] | 206 [5232.4] | 2 @ 78 [1981] | 214 [97] |
| -6 | 259 [6580] | 246 [6248.4] | 2 @ 92 [2337] | 234 [106] |
| -7 | 299 [7598] | 286 [7264.4] | 2 @ 106 [2692] | 256 [116] |
| -7.5 | 319 [8105] | 306 [7772.4] | 2 @ 114 [2896] | 269 [122] |
| -8 | 339 [8614] | 326 [8280.4] | 2 @ 120 [3048] | 280 [127] |

| ITEM | QTY | P/N | DESCRIPTION | MATERIAL |
|------|-----|-----------|-----------------------------------|----------------------------|
| 1 | 1 | 4080238 | Shell | Filament Wound, Epoxy FRP |
| 2 | 2 | 4080032 | Bearing Plate | 6061-T6 Aluminum, Anodized |
| 3 | 2 | 4080177-3 | Sealing Plate | Noryl GFN2 |
| 4 | 2 | 4080472-1 | Feed/Concentrate Port, 3", "K" | Stainless Steel, 316 |
| 5 | 6 | 6121343 | Retaining Ring, F/C Port, 3", "K" | Stainless Steel, 316 |
| 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 | 6180229-N | Permeate Port Seal | Ethylene Propylene |
| 10 | 2 | 4080320 | Retaining Ring w/ Finger Pull | Stainless Steel, 316 |
| 11 | 2 | 6121200 | Retaining Ring, Permeate Port | Stainless Steel, 316 |
| 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 | 4080165-1 | Thrust Cone | PVC Thermoplastic |
| 17 | 2 | 6180326-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.

PRO 8-600-MSP



| APPROVED | CHECKED | DESIGN | ECO | REVISED | DRAWING | REV |
|---------------|---------|----------------|-------|---------|---------|-----|
| US 7/05/12 | - | BOA 7/05/12 | 12056 | 7/05/12 | 101024 | P |