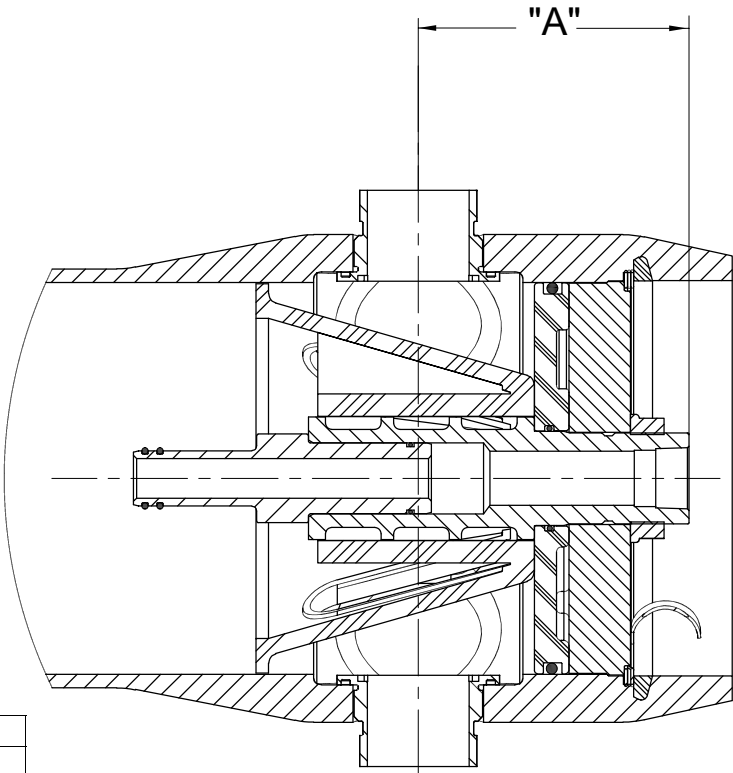


| 80KG60 F/C PORT** & SEAL PART NUMBER | | | | | |
|--------------------------------------|---------------|--------------|-------------|---------------|----------------|
| SIZE | STD. MOC | OPTIONAL MOC | | SEAL | RETAINING RING |
| | *CF3M | **CD3MN | ***CD3MWCuN | | |
| 1.5" | 196844 | 196873 | 196916 | 196633 | 98765 |
| 2.0" | 196842 | 196870 | 196914 | 196634 | 196841 |
| 2.5" | 196839 | 196871 | 196913 | 196635 | 196838 |
| 3.0" | 196817 | 196708 | 196723 | 196641 | 196595 |

| STRAP ASSEMBLY PART NUMBERS | | |
|-----------------------------|--------------------|--------------------|
| SS304 | SS-316 | SS-316L |
| 45042 | 46926 ⁺ | 94371 ⁺ |

| PERM PORT RETAINER RING & PORT NUT PART NUMBERS | | | |
|---|--------------------|---------------------------|--------------|
| 1.0" / 1.25" | Standard Port nut | Engineering Thermoplastic | 45066 |
| 1.5" | Port Retainer Ring | Stainless Steel | 45247 |

| ** BEARING PLATE PART NUMBERS | | |
|-------------------------------|---------------|--------------|
| PERMEATE PORT SIZE | ALUMINIUM | SS F316L ### |
| 1.0"/1.25" | 196660 | 195286 |
| 1.5 | 195287 | 195288 |




SECTION THROUGH END CLOSURE

| PERMEATE PORT PART NUMBERS & PERMPORT TO F/C PORT OFFSET DISTANCE FOR P1 (STD) | | | | | | | | | | | | | | | |
|--|-------------|--------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|
| SIZE | MATERIAL | FNPT | | MNPT | | BSPTF | | BSPTM | | IPS GROOVED | | BSPPF | | BSPPM | |
| | | PART NUMBER | DIM "A" | PART NUMBER | DIM "A" | PART NUMBER | DIM "A" | PART NUMBER | DIM "A" | PART NUMBER | DIM "A" | PART NUMBER | DIM "A" | PART NUMBER | DIM "A" |
| 1.0" | NORYL | 96162 | 6.0 | 97659 | 7.0 | 96301 | 6.0 | 97660 | 7.0 | 97661 | 7.3 | 96379 | 6.0 | NA | NA |
| | SS 316L # # | 96752 | 6.0 | 97347 | 7.0 | 97351 | 6.0 | 97355 | 7.0 | 97322 | 7.3 | NA | NA | NA | NA |
| | #ZERON 100 | 97349 | 6.0 | 97348 | 7.0 | 97352 | 6.0 | 97356 | 7.0 | 97293 | 7.3 | NA | NA | NA | NA |
| 1.25" | NORYL | NA | NA | 97655 | 7.0 | NA | NA | 97360 | 7.0 | 97662 | 7.3 | NA | NA | 97710 | 7.0 |
| | SS 316L # # | NA | NA | 96487 | 7.0 | NA | NA | 97362 | 7.0 | 97311 | 7.3 | NA | NA | NA | NA |
| | #ZERON 100 | NA | NA | 97359 | 7.0 | NA | NA | 97363 | 7.0 | 97365 | 7.3 | NA | NA | NA | NA |
| 1.5" | NORYL | NA | NA | 97663 | 6.6 | NA | NA | 97369 | 6.6 | 97656 | 7.2 | NA | NA | 97326 | 6.5 |
| | SS 316L # # | NA | NA | 97368 | 6.6 | NA | NA | 97371 | 6.6 | 97449 | 7.2 | NA | NA | NA | NA |
| | #ZERON 100 | NA | NA | 97292 | 6.6 | NA | NA | 97372 | 6.6 | 97374 | 7.2 | NA | NA | NA | NA |

GENERAL NOTES:
DIMENSIONS IN INCHES (MM APPROX.).
* GRADE SA-351 CF3M.
** GRADE SA-995 CD3MN (UNS J92205).
*** GRADE SA-995 CD3MWCuN (UNS J93380)
GRADE SA-479 UNS S32760/S32750
GRADE SA-479 316L
GRADE SA-182 F316L
+ OPTIONAL STRAP ASSEMBLY WITH SS-316 & 316L SHALL BE SUPPLIED AS PER METRIC STANDARDS.
++ ASME PARTS.

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| CHECKED BY: | KPS | CUSTOMER NAME: | VESSEL MODEL: | | |
| DATE: | 19APR24 | - | 80K60 | | |
| APPROVED BY: | FF | PROJECT NAME: | TOTAL QTY: | | |
| DATE: | 19APR24 | - | - | | |
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