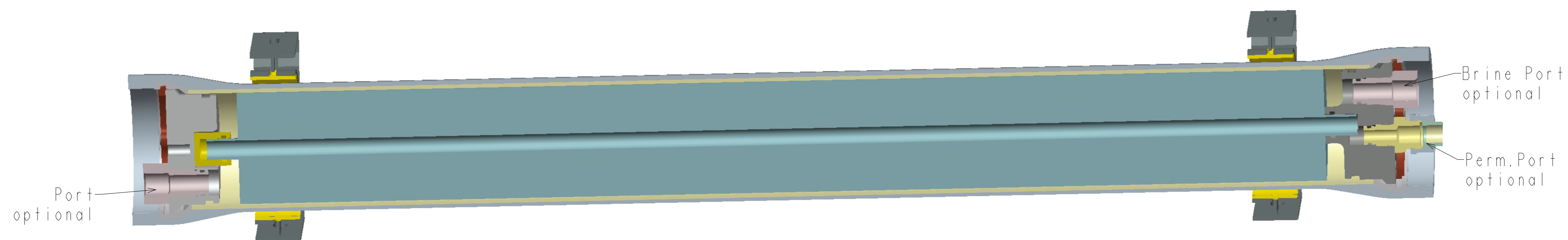


Mounts and Ports are options and not included in vessel supply

Do not use tapered Fittings!!  
for HP and Permeate ports  
in the endplate



SCALE 0.400

\*starting 01.01-16  
 PP/GF parts can be replaced with HIPS/GF  
 PVC-Liner can be replaced by HIPS  
 without further notice

| REF            | PART NAME                | PART #    | MATERIAL       |
|----------------|--------------------------|-----------|----------------|
| 1              | SHELL                    |           | FRP            |
| 2              | LINER                    |           | PVC            |
| 3              | GROOVERING               |           | Alu            |
| <b>HEAD</b>    |                          |           |                |
| 4              | ENDPLATE open            | 74EP4     | PP/GF          |
| 4.1            | ENDPLATE closed          | 74PEP4-C  | PP/GF          |
| 9.2            | ELEMENT ADAPTER closed   | 74AD192-C | PP/GF PVC      |
| 5              | RETAINING RING           | 64SEC4    | 316TI<br>PA/GF |
| 7              | O-RING                   | OR92x5    | EPDM           |
| <b>PORTS</b>   |                          |           |                |
| 8              | HP-PORT (optional)       |           |                |
| 10             | PERMEATE PORT (optional) |           |                |
| <b>SUPPORT</b> |                          |           |                |
| 11             | MOUNT (optional)         | 64MOUNT   | PE             |

**Note:**  
Dimensions may be subject to be changed.  
Not to be used for construction unless certified.

Please ask for information about available ports

| elem | Vessel Type     | L-Stich<br>[mm] | L-Stich<br>[inch] | Tol L-Stich<br>[mm] [inch] |
|------|-----------------|-----------------|-------------------|----------------------------|
| 1x21 | RO4Z1M21-V4i-21 | 611             | 24.06             | -3/+5 - -0.12/+0.2         |
| 1x40 | RO4Z1M40-V4i-21 | 1093            | 43.03             | -3/+5 - -0.12/+0.2         |
| 2x40 | RO4Z2M40-V4i-21 | 2110            | 83.07             | -3/+5 - -0.12/+0.2         |

use only glycerine for lubrication of sealing parts  
never use vaseline

The optional Feed/Brine ports  
can be used up to 31bars(450PSI)  
with SS inserts  
If you intend to use PVC piping check  
pipe manufacturers pressure rating  
We have PVC inserts available

|                                     |           |
|-------------------------------------|-----------|
| Max: Working Pressure (bar/PSI)     | 21 /300   |
| Max. Working Temp. (°C / °F)        | 65 /150   |
| Min. Working Temp. (°C / °F)        | 2 / 36    |
| Max Test Pressure (ASMEX) (bar/PSI) | 23.1 /330 |

|               |        |           |      |   |                   |
|---------------|--------|-----------|------|---|-------------------|
| <b>300PSI</b> |        | PAGE: 1/1 |      | <b>AnyChem</b><br>by<br><b>Knappe Composites</b> Pressure Vessels |                   |
| Eng. Mgr      | AssRev | DATUM:    | REV: | <b>AnyChem</b><br><br><b>SERIES 4 inch V4i - FRONT ENTRY</b>      |                   |
| SIG:          |        | 23.01.07  | 1    |   |                   |
|               |        | 06.01.10  | 3    |   |                   |
|               |        | 01.01.16  | 4    |   |                   |
|               |        |           |      | Name  | R04ZM40-V4i-21_R4 |
|               |        |           |      | Scale:  | none              |