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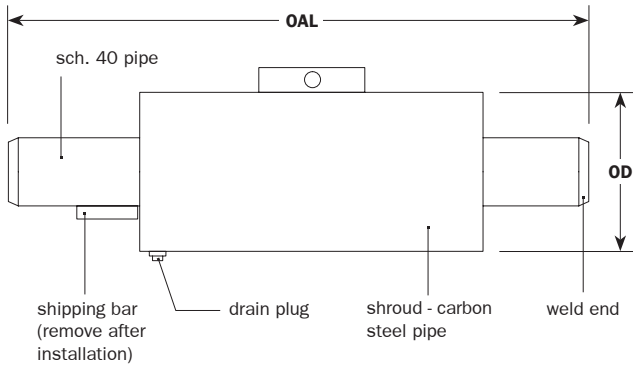
File No.: XPEJ-WD-002

Date: 7 Apr 2016

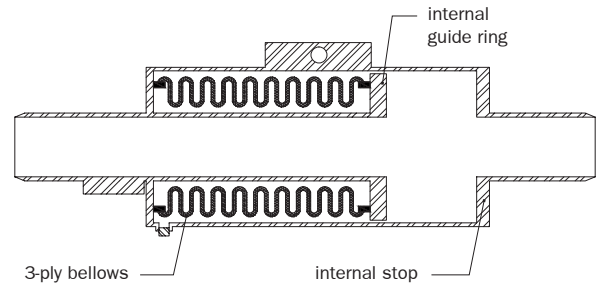
Supersedes: XPEJ-WD-001

Date: 11 Dec 2014

**XPEJ-WD/XPEJL-WD**



**XPEJ-WD/XPEJL-WD**  
section view shown



**PERFORMANCE AND DIMENSIONS**

| Model                            | Nominal Size |     | "OAL" Overall Length |      | "OD" Outer Housing Outside Diameter |     | Maximum Working Pressure<br>psi | Axial Motion |           | Weight |    | Effective Area<br>sq.in. |     |     |
|----------------------------------|--------------|-----|----------------------|------|-------------------------------------|-----|---------------------------------|--------------|-----------|--------|----|--------------------------|-----|-----|
|                                  | in           | mm  | in                   | mm   | in                                  | mm  |                                 | Compression  | Extension | lbs    | kg |                          |     |     |
| <b>XPEJ-WD (4" Compression)</b>  |              |     |                      |      |                                     |     |                                 |              |           |        |    |                          |     |     |
| XPEJ-2-WD                        | 2            | 50  | 30                   | 762  | 6 5/8                               | 168 | 300                             | 4            | 102       | 3/4    | 19 | 65                       | 29  | 16  |
| XPEJ-2.50-WD                     | 2 1/2        | 65  | 30                   | 762  | 6 5/8                               | 168 | 300                             | 4            | 102       | 3/4    | 19 | 72                       | 33  | 16  |
| XPEJ-3-WD                        | 3            | 80  | 30                   | 762  | 6 5/8                               | 168 | 300                             | 4            | 102       | 3/4    | 19 | 80                       | 36  | 16  |
| XPEJ-4-WD                        | 4            | 100 | 30                   | 762  | 8 5/8                               | 219 | 300                             | 4            | 102       | 3/4    | 19 | 134                      | 61  | 35  |
| XPEJ-5-WD                        | 5            | 125 | 30                   | 762  | 10 3/4                              | 273 | 300                             | 4            | 102       | 3/4    | 19 | 143                      | 65  | 35  |
| XPEJ-6-WD                        | 6            | 150 | 30                   | 762  | 10 3/4                              | 273 | 300                             | 4            | 102       | 3/4    | 19 | 154                      | 70  | 54  |
| XPEJ-8-WD                        | 8            | 200 | 32                   | 813  | 12 3/4                              | 324 | 300                             | 4            | 102       | 3/4    | 19 | 285                      | 129 | 88  |
| XPEJ-10-WD                       | 10           | 250 | 32                   | 813  | 14                                  | 356 | 300                             | 4            | 102       | 3/4    | 19 | 307                      | 139 | 118 |
| XPEJ-12-WD                       | 12           | 300 | 32                   | 813  | 16                                  | 406 | 300                             | 4            | 102       | 3/4    | 19 | 380                      | 172 | 163 |
| <b>XPEJL-WD (8" Compression)</b> |              |     |                      |      |                                     |     |                                 |              |           |        |    |                          |     |     |
| XPEJL-2.50-WD                    | 2 1/2        | 65  | 50                   | 1270 | 6 5/8                               | 168 | 300                             | 8            | 203       | 1 1/2  | 38 | 92                       | 42  | 16  |
| XPEJL-3-WD                       | 3            | 80  | 50                   | 1270 | 6 5/8                               | 168 | 300                             | 8            | 203       | 1 1/2  | 38 | 93                       | 42  | 16  |
| XPEJL-4-WD                       | 4            | 100 | 50                   | 1270 | 8 5/8                               | 219 | 300                             | 8            | 203       | 1 1/2  | 38 | 210                      | 95  | 35  |
| XPEJL-5-WD                       | 5            | 125 | 50                   | 1270 | 10 3/4                              | 273 | 300                             | 8            | 203       | 1 1/2  | 38 | 230                      | 104 | 35  |
| XPEJL-6-WD                       | 6            | 150 | 50                   | 1270 | 10 3/4                              | 273 | 300                             | 8            | 203       | 1 1/2  | 38 | 237                      | 108 | 54  |
| XPEJL-8-WD                       | 8            | 200 | 52                   | 1321 | 12 3/4                              | 324 | 300                             | 8            | 203       | 1 1/2  | 38 | 438                      | 199 | 88  |
| XPEJL-10-WD                      | 10           | 250 | 52                   | 1321 | 14                                  | 356 | 300                             | 8            | 203       | 1 1/2  | 38 | 472                      | 214 | 118 |
| XPEJL-12-WD                      | 12           | 300 | 52                   | 1321 | 16                                  | 406 | 300                             | 8            | 203       | 1 1/2  | 38 | 574                      | 260 | 163 |

**NOTES**

- For proper operation of the expansion joint, all piping must be adequately anchored and guided.
- Maximum pressure is rated between lowest and highest temperatures of -20 °F and 650 °F respectively.
- XPEJ externally pressurized expansion joints are also available with Male Pipe Thread fittings or Grooved End Fittings. Contact V-A for further information on those products.

|                      |           |                       |            |
|----------------------|-----------|-----------------------|------------|
| Project:             | Model:    | QTY of sets required: |            |
| Customer:            | DWN:      | CHK:                  | REV: DATE: |
| Consultant:          | TAG:      | UNIT:                 |            |
| V-A Project No.:     | COMMENTS: |                       |            |
| V-A Project Manager: |           |                       |            |