



# Chlorine Combination Pressure Relief Device

## Features

- ## Materials

- ## Specifications

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### Additional Design Testing – Not Required by AAR

- Design shock testing: +/- 20G, 11ms, half sine wave, three pulses positive, three negative in X, Y, and Z axes
- Vibration: 5G for 8 hours at resonance frequency
  - Y axis: 390 Hz
  - X axis: 406 Hz

| Part #          | Description                        |
|-----------------|------------------------------------|
| R-P375H625FK200 | combination pressure relief device |

# Dixon

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**Chestertown, MD 21620**  
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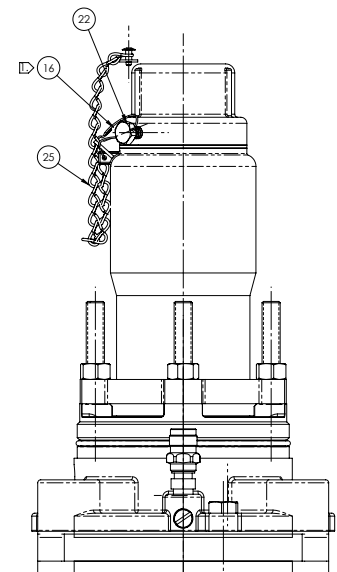
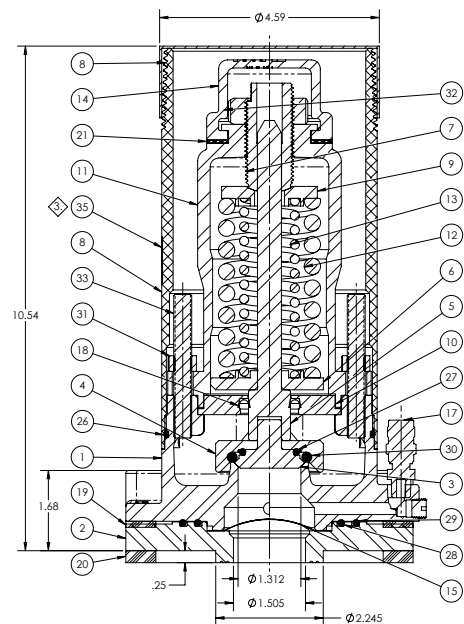
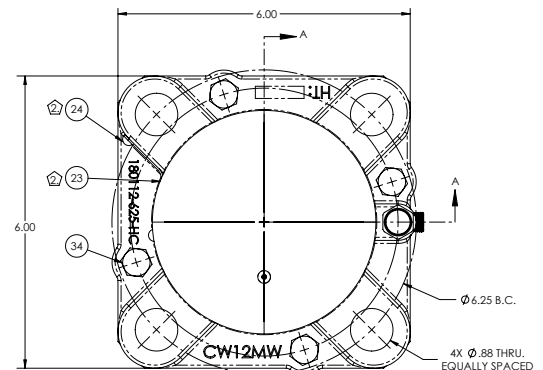
## Technical Information



*The Right Connection*®


## Materials

| No. | Description         | Material                      |
|-----|---------------------|-------------------------------|
| 1   | body                | Hastelloy® C                  |
| 2   | rupture disc flange | Monel®                        |
| 3   | plug                | Hastelloy C                   |
| 4   | retainer            | Hastelloy C                   |
| 5   | stem                | Hastelloy C                   |
| 6   | guide               | stainless steel               |
| 7   | adjusting screw     | stainless steel               |
| 8   | valve cover         | PVC                           |
| 9   | follower            | stainless steel               |
| 10  | seal retainer       | Monel                         |
| 11  | top guide           | stainless steel               |
| 12  | outer spring        | stainless steel               |
| 13  | inner spring        | stainless steel               |
| 14  | cap                 | stainless steel               |
| 15  | rupture disc        | tantalum                      |
| 16  | wire seal           | lead/stainless steel          |
| 17  | purge valve         | Monel                         |
| 18  | shaft seal          | PTFE                          |
| 19  | upper filler        | FKM                           |
| 20  | lower filler        | FKM                           |
| 21  | top gasket          | FKM                           |
| 22  | cap screw           | stainless steel               |
| 23  | nameplate           | Monel                         |
| 24  | drive screw         | stainless steel               |
| 25  | cap/chain assembly  | polyethylene/stainless steel. |
| 26  | O-ring, 2-155       | FKM                           |
| 27  | O-ring, 2-214       | FKM                           |
| 28  | O-ring, 2-233       | FKM                           |
| 29  | O-ring, 2-238       | FKM                           |
| 30  | O-ring, 2-324       | FKM                           |
| 31  | std nut, 3/8-24     | Monel                         |
| 32  | jam nut             | stainless steel               |
| 33  | stud                | Monel                         |
| 34  | cap screw           | stainless steel               |
| 35  | CID label           | vinyl                         |



## Warning & Safety



 Dixon® valves are designed to work safely for their intended use. Failure to know and understand the intended use or to consider the size, temperature, application, media, pressure and manufacturers recommendations when selecting the proper valve assembly components can result in accidents and injuries, including death and serious and permanent injuries. Dixon recommends that all valve assemblies be tested in accordance with ASME and API recommendations and be inspected regularly to ensure that their use remains appropriate and that they are not damaged.

At no charge, Dixon is available to consult, train, and recommend the proper selection and application of all valves we sell. We strongly recommend that distributors and end users make use of Dixon's Testing and Recommendation Services. Contact Dixon to learn more.