

# P255 High Capacity Relief Valves

- Zero leakage to 98% of set pressure
- Set pressure tolerance  $\pm 5\%$  of preset
- Reseal at 92% of set pressure
- Line sizes of 3/4" and 1" NPT

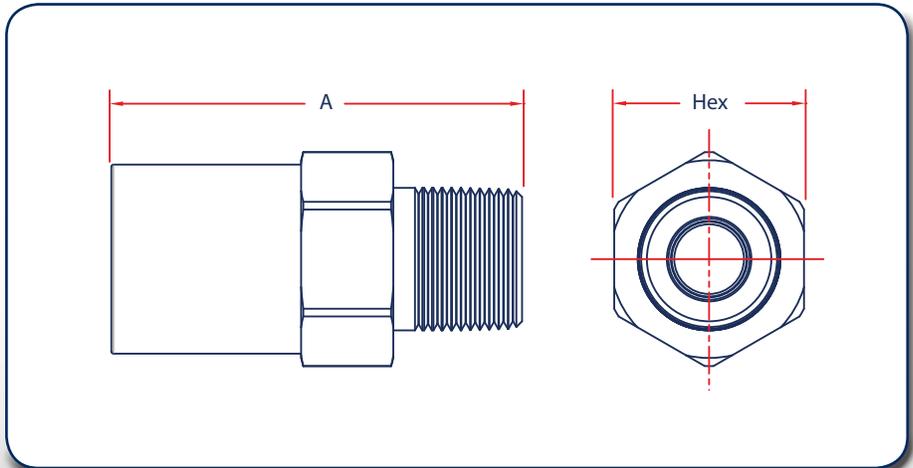


## P255 Dimensions

| Pipe Size | A     | Hex    |
|-----------|-------|--------|
| 3/4" NPT  | 3.39" | 1-3/4" |
| 1" NPT    | 3.79" | 1-3/4" |

## Materials of Construction

| Component | Material            |
|-----------|---------------------|
| Body      | CDA360 Brass        |
| Spring    | 302 Stainless Steel |
| Retainer  | CDA360 Brass        |
| Seal      | Nitrile             |



| P255 Ordering Information |                |                     |
|---------------------------|----------------|---------------------|
| <b>P25506BB1055</b>       | 3/4" NPT Inlet | 55 psi Set Pressure |
| <b>P25508BB1050</b>       | 1" NPT Inlet   | 50 psi Set Pressure |

Additional set pressures available upon request.

## Flow Data

| Spring Range    | 45 - 75   |           |           |
|-----------------|-----------|-----------|-----------|
| Vessel Pressure | 65        | 75        | 85        |
| Crack Pressure  | 55        |           |           |
| Size            | Flow SCFH | Flow SCFH | Flow SCFH |
| 3/4"            | 27,680    | 40,320    | 50,040    |
| 1"              | 31,971    | 42,677    | 50,135    |

Flow stated using air and converted to natural gas flow rates.

Flow information obtained from flow tests conducted at National Board.