



# Model 1330



## Accessories



General representation



## Waterworks

## Pressure Relief Pilot

### Description

The OCV 1330 is a two-way, normally closed pilot, that senses pressure under its diaphragm and balances it against an adjustable spring load. An increase in pressure above the spring set point, tends to make the pilot open. The OCV 1330 is the standard pilot for OCV Series 108 Pressure Relief/Sustaining Valves. Sensing upstream pressure and opening at the set point, modulates the main valve to maintain the required pressure. There are other applications for the pilot as a normally closed, pressure to open control.

### Technical Data

- Stainless steel body
- Elastomers (diaphragm, seat disc, o-rings)
  - EPDM (standard), BUNA-N & Viton® (optional)

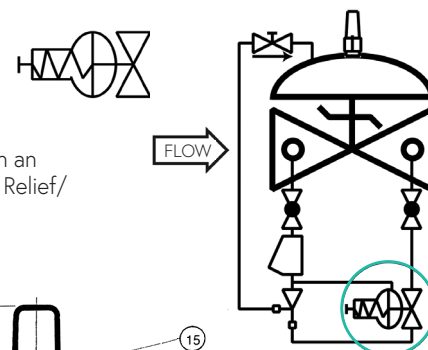
| MATERIAL                | PART #            | INLET/OUTLET (NPT) | VALVE SIZE |
|-------------------------|-------------------|--------------------|------------|
| Stainless Steel, Buna-N | 230700            | 3/8                | 1 1/4"-6"  |
| Stainless Steel, Buna-N | 230708            | 1/2                | 8"-16"     |
| SPRING RANGES           |                   |                    |            |
| PART #                  | COLOR             | RANGE PSI          | RANGE kPa  |
| 651701                  | Green             | 5 - 30             | 35 - 210   |
| 651703                  | Red (1 1/4" long) | 20 - 80            | 140 - 560  |
| 651000                  | Red (2" long)     | 20 - 200           | 138 - 1379 |
| 651702                  | Blue              | 100 - 300          | 700 - 2100 |

Rubber components are typically the only parts that may require periodic replacement. These are available in kits consisting of the diaphragm, the seat disc and all O-rings. Buna-N Kit-Part #930000, Viton® Kit-Part #930100, EPDM Kit-Part #930400

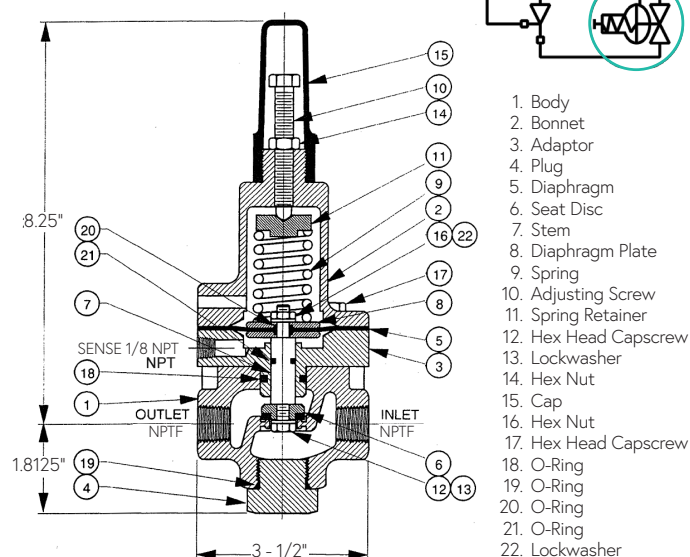
### Features & Benefits

- Normally closed, increasing pressure opens valve
- Can be local or remote sensed
- All parts replaceable while mounted on valve
- Multiple spring ranges for accurate control
- Simple adjustment
- Rubber to metal seat for positive shut-off
- Stainless steel construction

The OCV 1330 is shown on schematics as:



EXAMPLE: Shown on an OCV 108-2 Pressure Relief/Sustaining Valve.



1. Body
2. Bonnet
3. Adaptor
4. Plug
5. Diaphragm
6. Seat Disc
7. Stem
8. Diaphragm Plate
9. Spring
10. Adjusting Screw
11. Spring Retainer
12. Hex Head Capscrew
13. Lockwasher
14. Hex Nut
15. Cap
16. Hex Nut
17. Hex Head Capscrew
18. O-Ring
19. O-Ring
20. O-Ring
21. O-Ring
22. Lockwasher