



Model 2400



Accessories



General representation



Waterworks

Pressure Relief Pilot

Description

The OCV 2400 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 2400 is the standard pilot for OCV Series 108HP Pressure Relief/Sustaining Valves. Sensing upstream pressure and opening at the set point, it modulates the main valve to maintain the required pressure. There are other applications for this pilot as a normally closed, pressure to open control.

Features & Benefits

- Normally closed, increasing pressure opens valve
- Can be local or remote sensed
- All parts replaceable while mounted on valve
- 200-750 psi / 1380 - 5170 kPa spring range
- Simple adjustment
- Rubber to metal seat for positive shut-off
- Stainless steel construction

Technical Data

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

MATERIAL	PART #	INLET/OUTLET (NPT)	VALVE SIZE
Stainless Steel, BUNA-N	230706	3/8	1 1/4"-6"
Stainless Steel, BUNA-N	230757	1/2	8"-16"

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 #930016

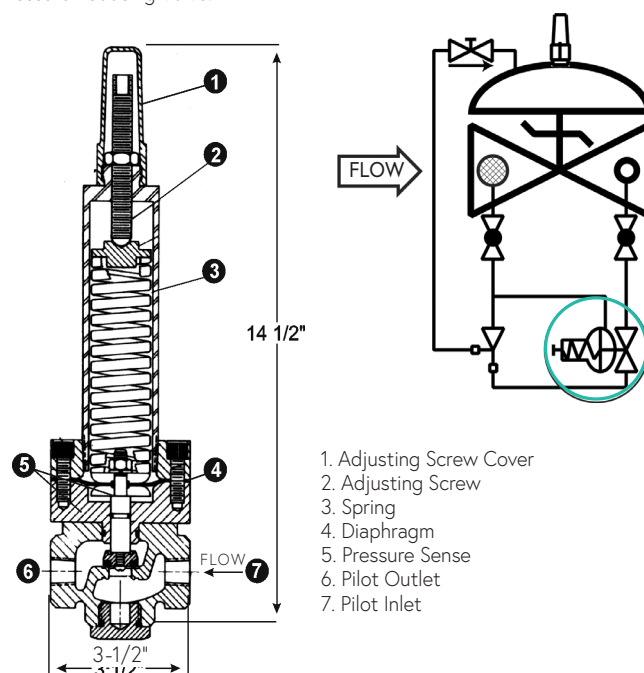
Viton® Kit: Consult Factory

EPDM Kit: Consult Factory

The OCV 2400 is shown on schematics as:



EXAMPLE: Shown on an OCV 127-3HP Pressure Reducing Valve.



1. Adjusting Screw Cover
2. Adjusting Screw
3. Spring
4. Diaphragm
5. Pressure Sense
6. Pilot Outlet
7. Pilot Inlet