

HYDRAULIC RELAY VALVE (HRV)

Model 50

This 2-Way, single chamber, hydraulic relay valve is a hydraulically operated diaphragm actuated control valve that either opens fully or shuts off in response to pressure applied to its control chamber.

The HRV is commonly used as a pilot valve in the control circuits of various hydraulic control valve models, or as a standalone on/off valve.

Technical Data

Pressure rating: 400 psi

Working temperature: Water up to 180°F

Flow factor: Cv 2.0

Standard materials:

Part	St. St. 316 – WD*	Brass
Body & Cover	St. St. 316	Brass
Elastomers	EPDM	NBR
Internals	St. St. 316	St. St. 302, Brass

*For potable water

Optional materials:

Metal parts: Stainless Steel, Nickel Aluminum Bronze, Hastelloy

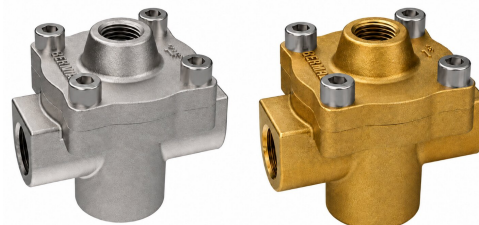
Elastomers: FPM (Viton®)

Dimensions:

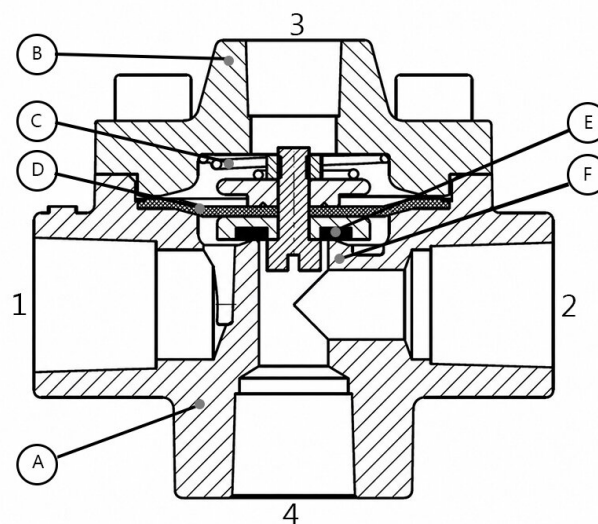
Length: 2.7 in

Height: 2.4 in

Weight: 1.3 lbs.



Potable Water Version



Part	Description
A	Body
B	Cover
C	Spring
D	Diaphragm
E	Seal
F	Seat

Port	Size	Connections
1	3/8" NPT	Inlet
2	3/8" NPT	Outlet
3	1/4" NPT	Control Port
4	3/8" NPT	Optional Outlet*

* Available in stainless steel only