

3-Way Accelerator (HRV-3)

The HRV-3 is used to relay and accelerate hydraulic signals, making the opening and closing of large size valves significantly quicker.

In response to pressure status in its control chamber, the HRV-3 directs flow and pressure between its ports in the following manner:

- In response to pressure applied to its control chamber, the HRV-3 connects port "0" to port "2".
- In response to pressure released from its control chamber, the HRV-3 connects port "2" to port "1".

Line pressure is applied to the HRV-3 control chamber through a solenoid or other device.

Materials

Body & cover

- Nickel plated Brass
- Stainless Steel 316

Elastomers

- NBR

Wetted Parts

- Brass and Stainless Steel
- Stainless Steel 316

Orifice

- 3/8" (9 mm)

Pressure rating

- 21 bar (300 psi)

Flow factor

Closing: Ports 0 to 2 & 1 to 2: Kv 1.2 (Cv 1.4)

Opening: Ports 2 to 1 & 2 to 0: Kv 1.0 (Cv 1.2)

End Connections

- 3/8" NPT

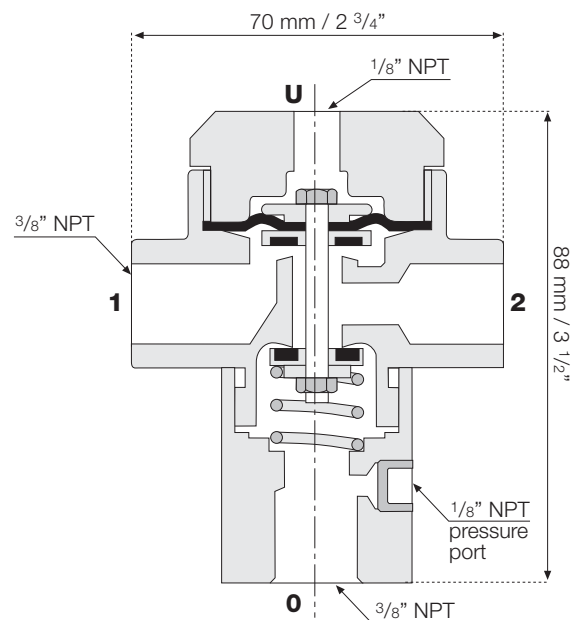
Connections:

Port	
1	Upstream pressure
2	Control chamber
0	Vent
U	Command



Brass construction

Corrosion Resistant Construction



Weight: 0.8 Kg / 1.7 lbs.