

3-Way Double Chambered Accelerator

Model 58

This 3-Way, double chambered accelerator is a hydraulically operated, diaphragm actuated pilot that, in response to command pressure applied to either the upper or lower control chamber, directs flow and pressure between its ports.

- When forces in the upper control chamber are greater, it connects port “C” to “A.”
- When forces in the lower control chamber are greater, it connects port “A” to “O.”

This pilot can be used to either relay and accelerate a signal (N.O.), or to reverse and accelerate a signal (N.C.). as a double chambered pilot, it is suitable even when line pressure is very low.



Technical Data

Pressure Rating: 25 bar (350 psi)

Minimum Operating Pressure: 0.2 bar (3 psi)

Working Temperature: Water up to 80°C (180°F)

Flow Factor:

C to A: Kv 2.25 (Cv 2.63)

A to O: Kv 2.77 (Cv 3.24)

Standard Materials:

Body & Cover: Brass

Elastomers: NBR

Internals: Stainless Steel & Brass

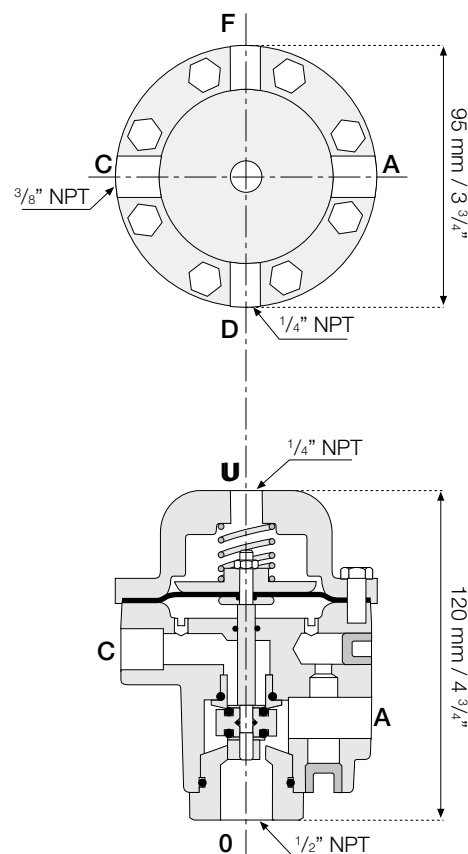
Optional Materials:

Metal Parts: Stainless Steel, Nickel Aluminum Bronze, Hastalloy

Elastomers: FPM (Viton®)

Connections:

| Port | N.O. | N.C. |
|------|-------------------|-------------------|
| C | Upstream pressure | Upstream pressure |
| A | Control chamber | Control chamber |
| O | Vent | Vent |
| F/D | Command | Upstream pressure |
| U | Vent | Command |



Weight: 2.45 Kg / 5.4 lbs.

