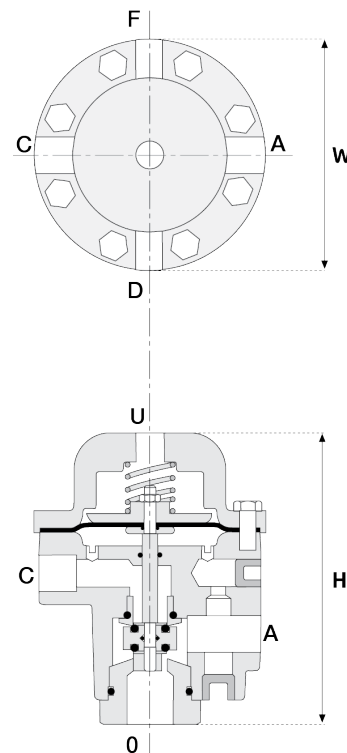


3-WAY DOUBLE CHAMBERED ACCELERATOR

Model 58

This 3-Way, double chambered accelerator is a hydraulically operated, diaphragm actuated valve 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 valve can be used to either relay and accelerate a signal, or to reverse and accelerate a signal. as a double chambered pilot, it is suitable even when line pressure is very low. It can also be used for selecting between two control modes, or two sources of pressure.



Technical Data

Pressure rating: 400 psi

Minimum Operating Pressure: 3 psi

Temperature: Water up to 150°F

Height (H): 4.72 inch

Width (W): 3.74 inch

Weight: 5.4 Lbs

Flow Factors:

C to A: Cv 2.63

A to O: Cv 3.24

Standard materials:

Body & Cover: Brass

Elastomers: NBR

Internals: Stainless Steel & Brass

Optional materials:

Metal Parts: Stainless Steel, Nickel Aluminum Bronze,

Hastalloy

Seals: FPM (Viton®)

Connections

Port	Size	N.O.	N.C.
C	3/8" NPT	Upstream pressure	Upstream pressure
A	3/8" NPT	Control chamber	Control chamber
O	1/2" NPT	Vent	Vent
F/D	1/4" NPT	Command	Upstream pressure
U	1/4" NPT	Vent	Command