

3-WAY DOUBLE CHAMBERED HIGH CAPACITY ACCELERATOR

Model 58HC

This 3-Way, double chambered, high capacity 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 "A" to "C."
- When forces in the lower control chamber are greater, it connects port "C" to "O."

This pilot 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.

Technical Data

Pressure Rating: 25 bar; 400 psi

Minimum Operating Pressure: 0.2 bar; 3 psi

Working Temperature: Water up to 60°C; 150°F

Flow Factor:

A to C: Kv 3.5; Cv 4.1

C to O: Kv 4.6; Cv 5.4

Standard Materials:

Body & Cover: Stainless Steel

Elastomers: NBR

Internals: Brass

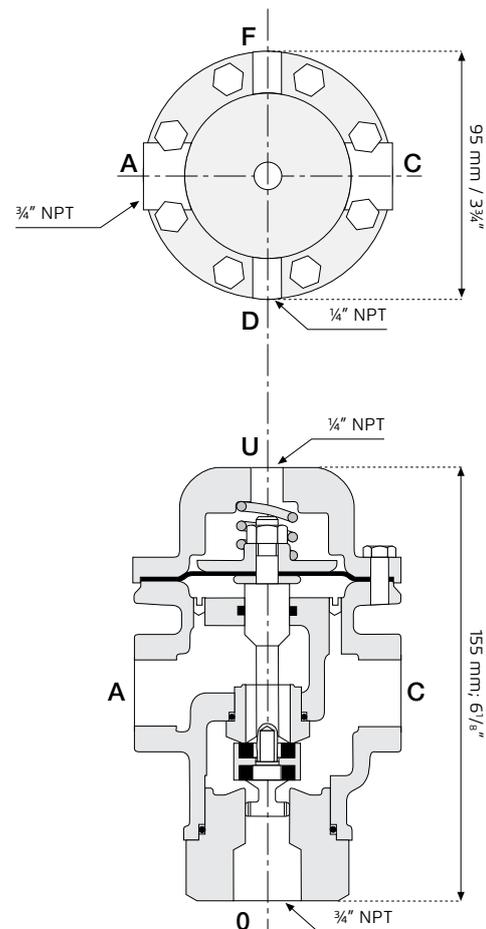
Optional Materials:

Metal Parts: Stainless Steel, Nickel Aluminum Bronze, Hastalloy

Elastomers: FPM, EPDM

Connections:

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



Weight: 3.25 Kg; 7.2 lbs.