# **BERMAD** Waterworks

# 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 "0."

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:**

A to C: Kv 3.5 (Cv 4.1) C to 0: Kv 4.6 (Cv 5.4)

#### **Standard Materials:**

Body: Bronze Cover: Brass Elastomers: NBR Internals: Stainless Steel & Brass

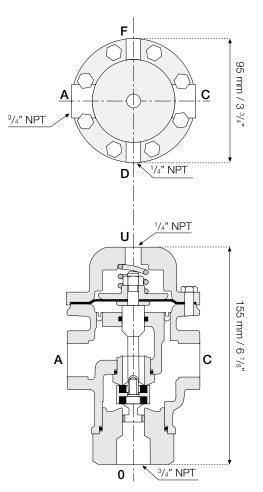
#### **Optional Materials:**

Metal Parts: Stainless Steel, Nickel Aluminum Bronze, Hastalloy Elastomers: FPM (Viton®)

### Connections:

Port	N.O.	N.C.
А	Upstream pressure	Upstream pressure
С	Control chamber	Control chamber
0	Vent	Vent
F/D	Command	Upstream pressure
U	Vent	Command





Weight: 3.25 Kg / 7.2 lbs.



# Accessories