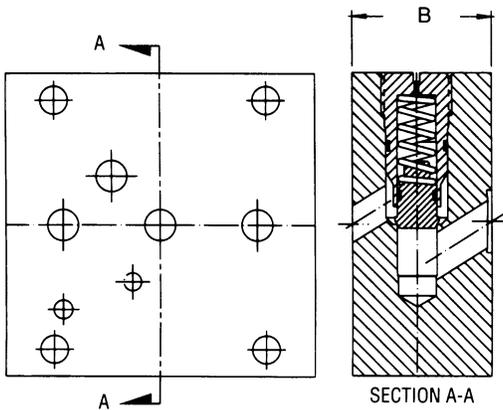


Sequence Valve



The Sequence Valve should be used with all solenoid-controlled pilot-operated valves. It is used to maintain a minimum upstream non-adjustable pilot pressure of 150 PSI which is required to operate the *internally piloted* solenoid-controlled pilot-operated valve.

Because it *opens fully* on reaching its sequencing pressure it has the advantage of maintaining a pilot pressure without decreasing the system pressure. If a check or relief valve is used to maintain pilot pressure, as is the case with most other valves, its pressure drop is always robbing the system of power and creating heat.

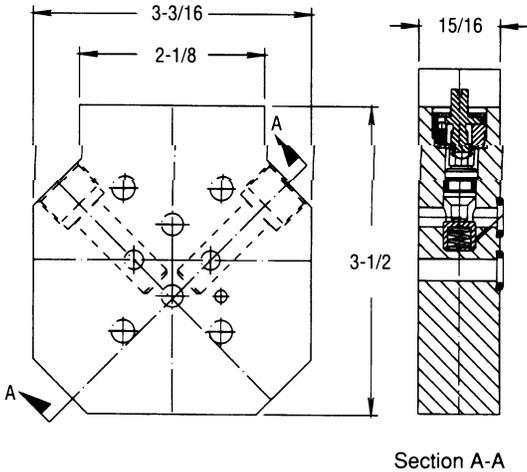
When a Sequence Valve is not used in the assembly it may be necessary to provide a *separate source* for developing the 150 PSI minimum required for the operation of the valve. An external pilot port is provided in the pilot-operated valve for making this connection. The Ordering Part Number must be changed accordingly to obtain proper modification of the valve. See Data Sheet 6-9.

Valve Size	Sequence Valve Only Ordering Part Number	B	4 Socket Head Cap Screws Furnished - Size
25 GPM	02041-23XX-0000	1 $\frac{31}{32}$	$\frac{3}{8}$ -16UNC-3Ax $3\frac{1}{2}$ "
45 GPM	02042-23XX-0000	1 $\frac{31}{32}$	$\frac{3}{8}$ -16UNC-3Ax $3\frac{1}{2}$ "
75 GPM	02043-23XX-0000	2 $\frac{11}{16}$	$\frac{1}{2}$ -13UNC-3Ax5"
200 GPM	02044-23XX-0000	4 $\frac{1}{2}$	$\frac{5}{8}$ -11UNC-3x7"

*Replace Xs with Media Seal Code symbol.

E

Pilot Speed Control Valve



The Pilot Speed Control Valve controls the flow of media from either cylinder port when used with the direct solenoid-operated valve. When included in a solenoid-controlled pilot-operated assembly, it allows the operator to select various pilot-operated valve speeds to ease starting movement or reversal of the cylinder or fluid motor.

Both regulating screws are on the same side of the unit for convenience in valve installation and speed regulation. Settings of the regulating screws are made positive by a detented, non-rising stem.

Both pressure and exhaust flows are directed through the Speed Control Valve. Adjustable flow metering poppets control the cylinder or pilot valve flow, with free flow into the system and controlled flow out of the system, to assure the advantage of the chatter-free "meter-out" principle.

The unit is always manifolded between the solenoid-operated valve and a subplate or the pilot-operated valve. Installation of the Speed Control requires no modification of the valve, and may be used or removed as desired.

Order P/N
 3 GPM — 02031-21**-0000
 10 GPM — 02032-21**-0000
 **O-ring code

Typical Pressure Patterns of solenoid-controlled pilot-operated valves with and without the pilot speed control valve

