

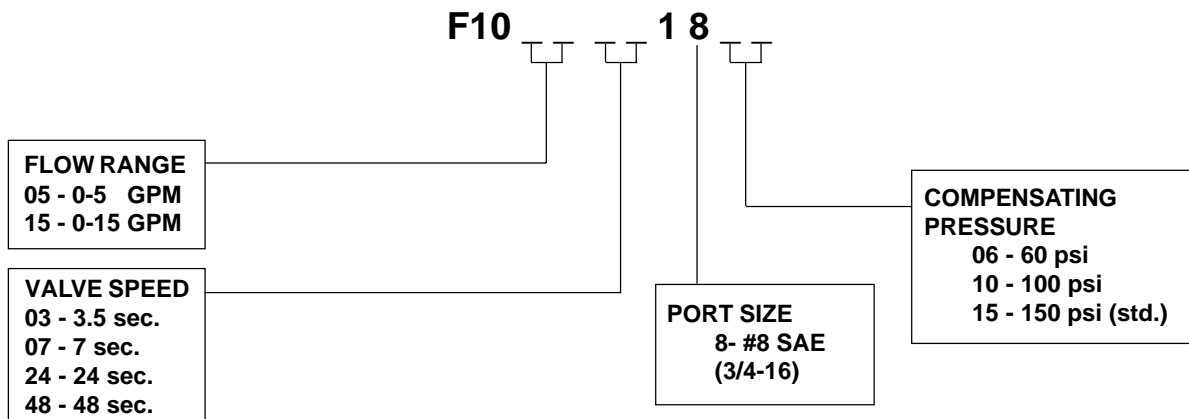
FUNCTION:

- This package incorporates a motorized flow control cartridge and a pressure compensating logic element in a body to provide a priority type adjustable flow divider with pressure compensated flow going to the controlled flow port and excess flow diverted to bypass. Excess flow can either go directly to tank or to operate another downstream function.
- NOTE:** If excess flow is used for a downstream function, the pressure required to operate this function should not exceed the primary function pressure.

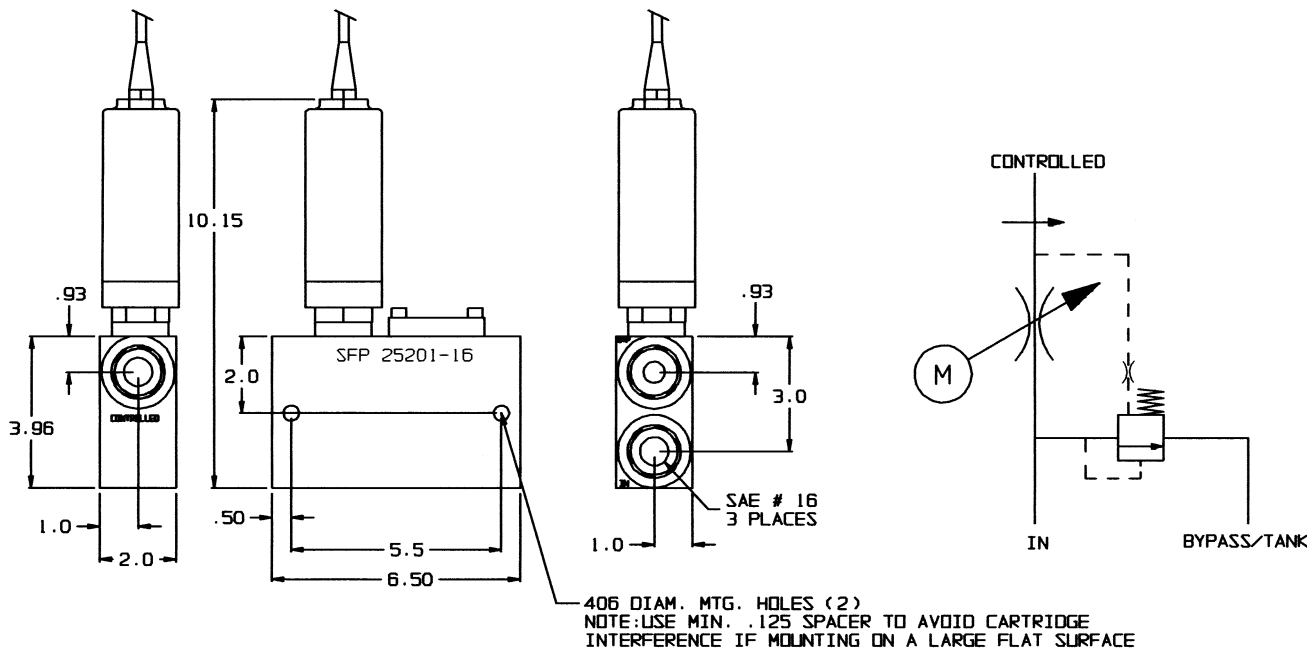
OPERATING PRESSURE:

- 3000 psi maximum

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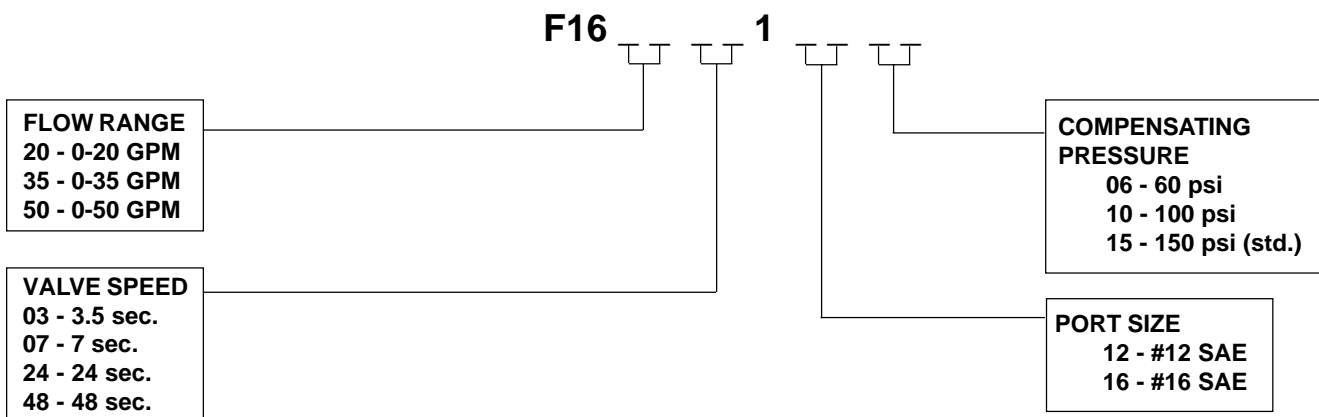
FLOW RANGE:

- 0-20 GPM
- 0-35 GPM
- 0-50 GPM

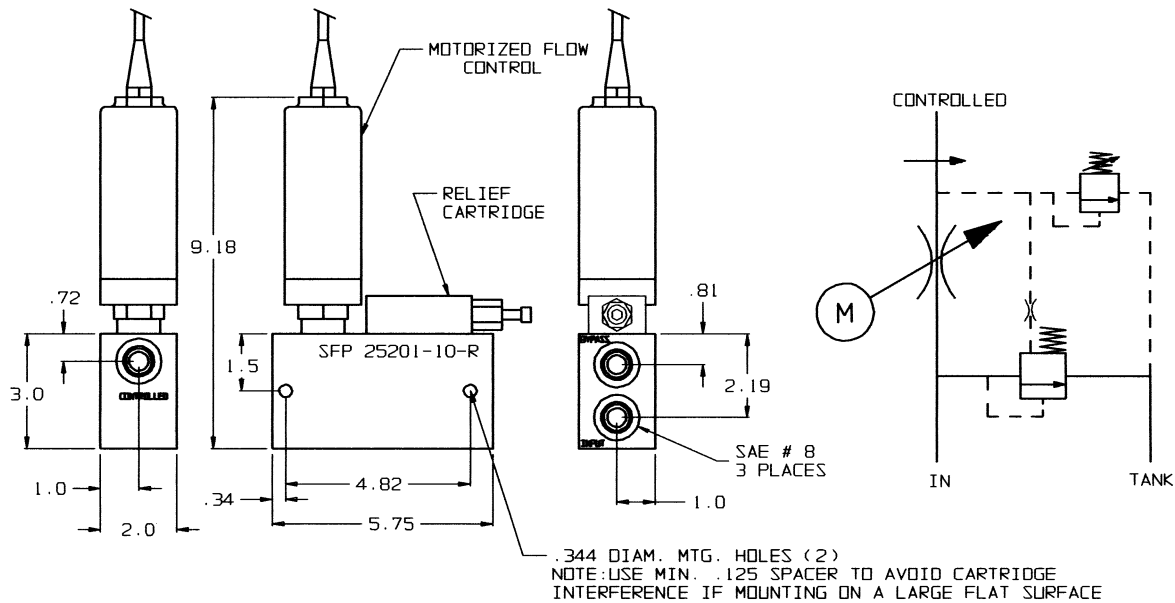
APPLICATIONS:

- Typically used with fixed displacement pumps to control the speed of a hydraulic motor or other function requiring less than full pump flow. These valves can be used in series with bypass and/or return flow from the first valve feeding the second to operate a second or third function. A typical application would be two valves in series to drive the conveyor and spinner on a spreader.

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FUNCTION:

- This package adds a pilot relief to the 25201 package which provides a priority flow divider with excess flow diverted to tank. The pilot relief operates in conjunction with the pressure compensating element to provide relief protection of the controlled flow port. When the MFC is fully closed, all pump flow is diverted to bypass at the pressure required to open the logic element (typically 150 psi or less, depending on compensating pressure specified).
NOTE: Bypass flow from this valve must always be diverted directly to tank, since any downstream pressure will be added to the relief pressure and could result in severe damage to the system.

APPLICATIONS:

- Typically used to control a single motor or other function in conjunction with a fixed displacement pump. In a single conveyor drive, for example, it eliminates the need for any other control components since the package provides on/off, speed control, and pressure control.

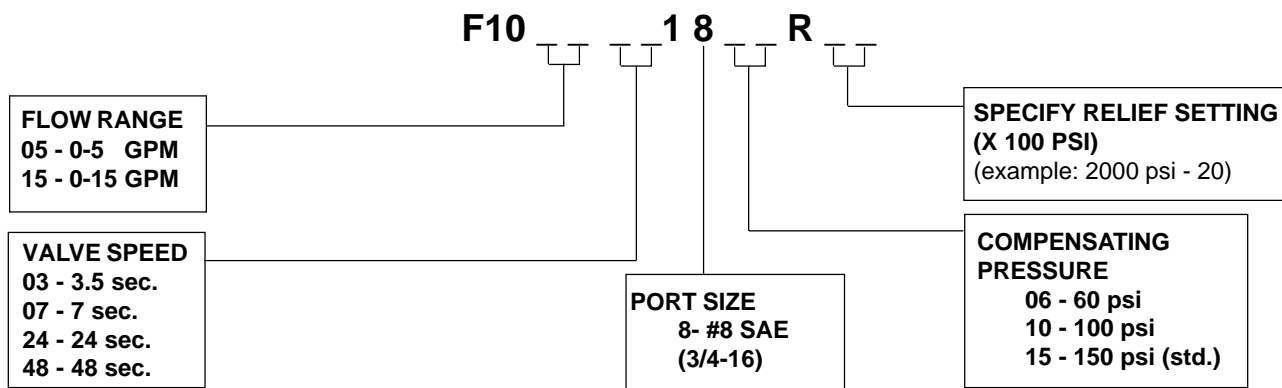
OPERATING PRESSURE:

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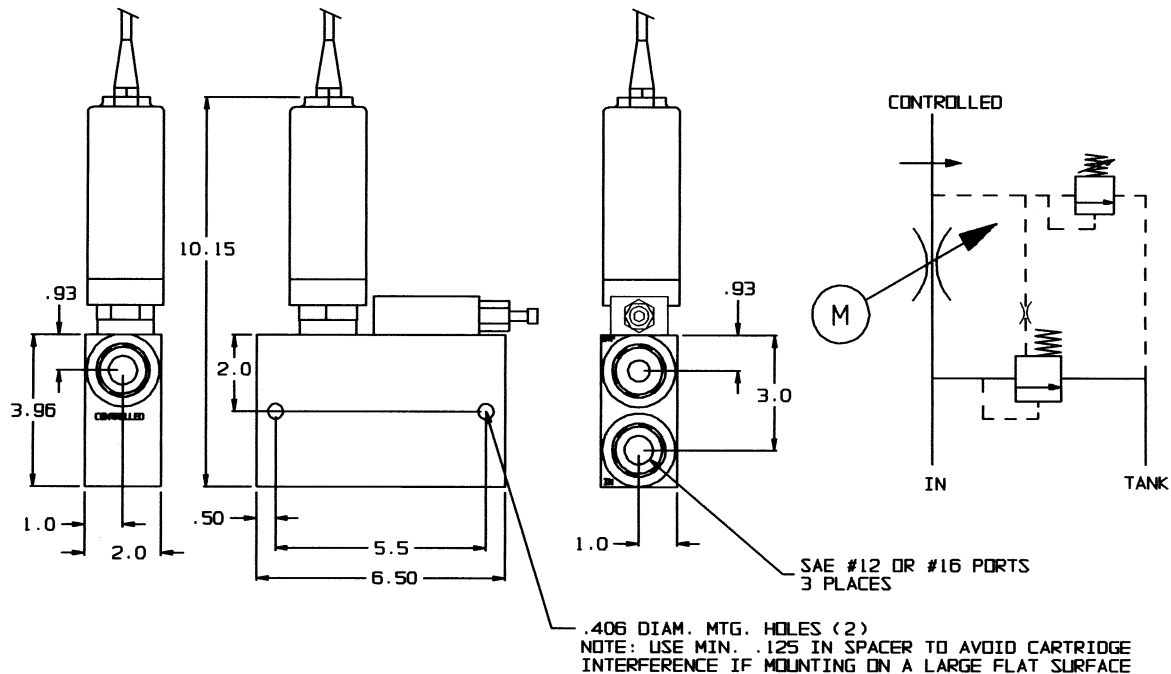
FLOW RANGE:

- 0-5 GPM
- 0-15 GPM

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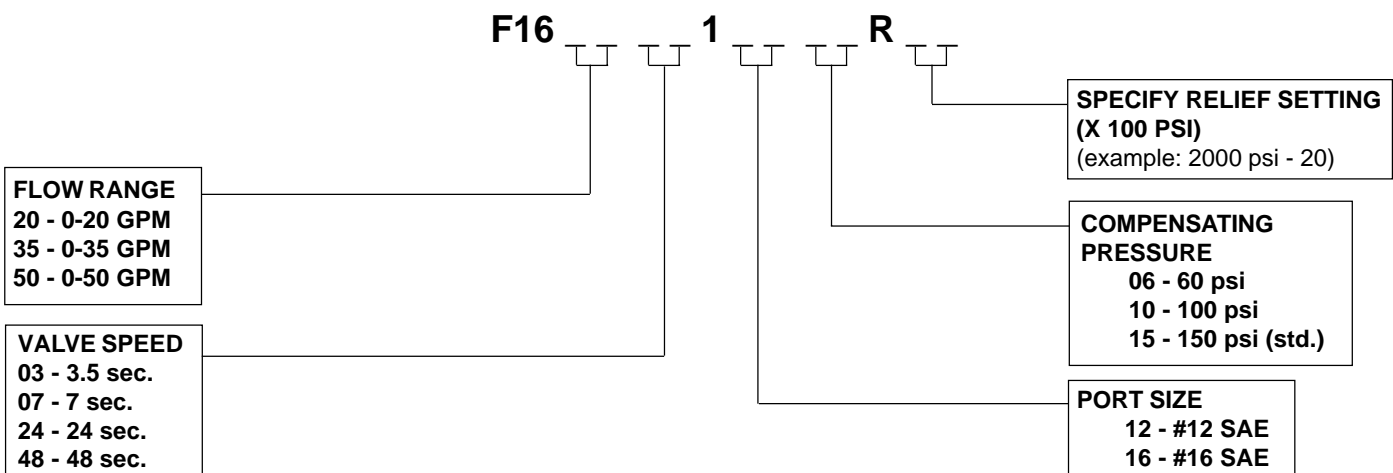
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FLOW RANGE:

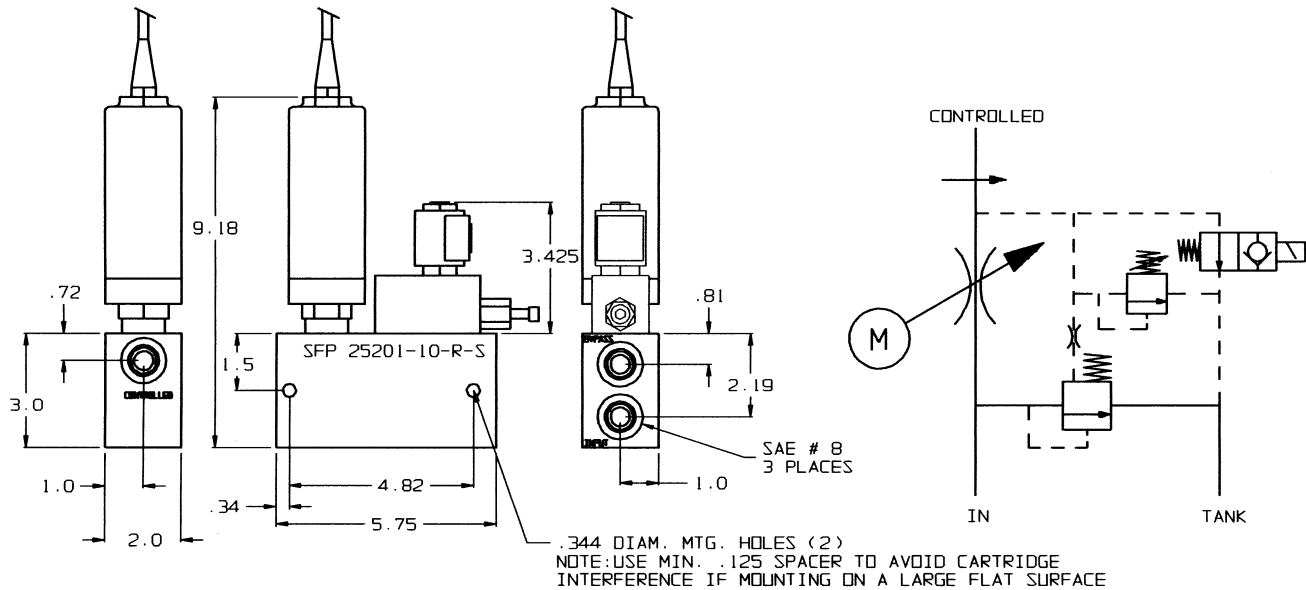
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FUNCTION:

- This package adds a pilot relief and solenoid dump feature to the standard 25201 package. The standard 25201 provides pressure compensated flow to a priority port with excess flow diverted to tank. The pilot relief works in conjunction with the pressure compensating element to provide relief protection for the priority flow circuit. The solenoid valve vents the logic element when opened, diverting all flow to tank at the pressure required to open (typically 150 psi or less depending on the compensating pressure specified).

NOTE: When solenoid valve is vented, the motor will still see a small pressure equal to the pressure drop through the logic element. If using to control a motor it is good practice to install a back pressure check valve in the return line to offset this pressure and protect the motor from cavitation in an over-running condition.

APPLICATIONS:

- This valve is typically used to control a single motor function which must be turned on and off frequently without resetting the speed setting.

OPERATING PRESSURE:

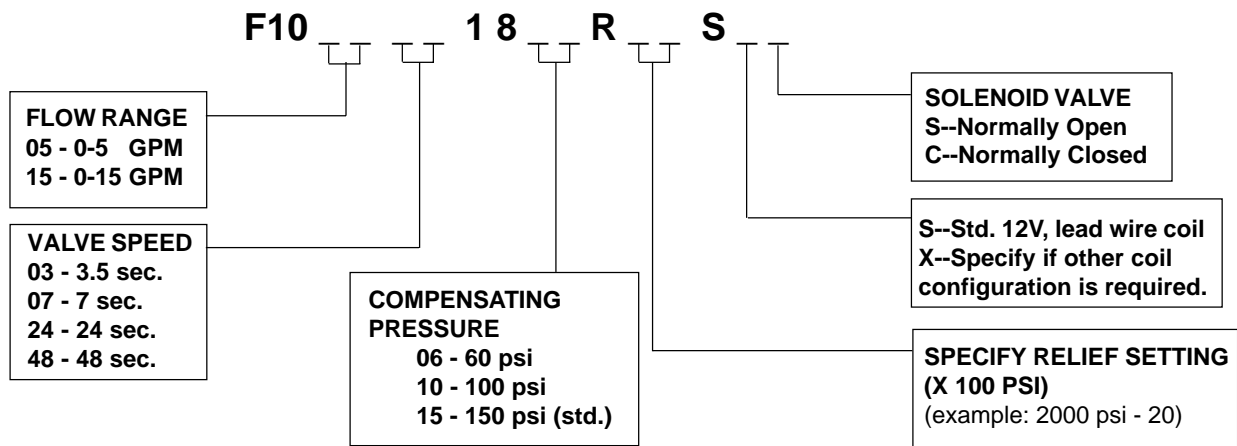
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FLOW RANGE:

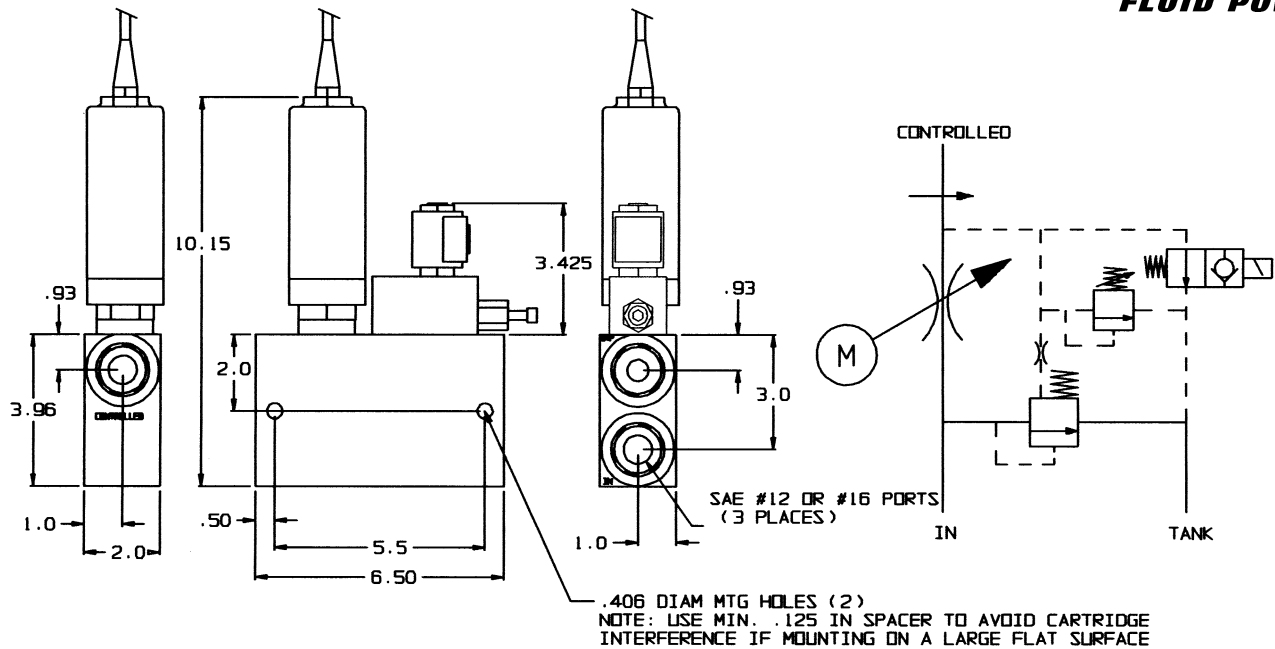
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NOTE: When using this package, bypass oil must always be plumbed directly to tank.

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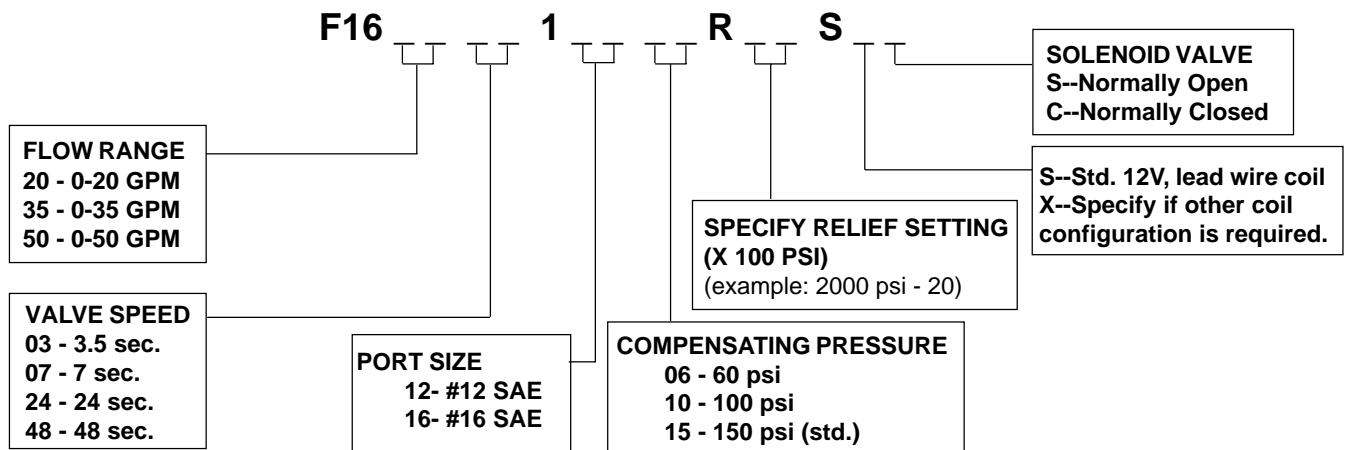
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