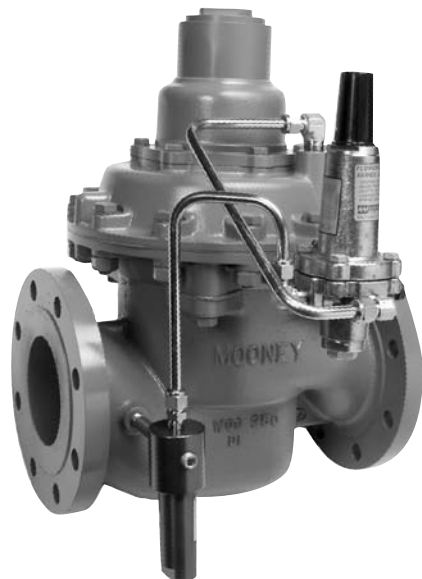


## 4" FlowMax®

Flanged CL 150



**4" FlowMax® Low Differential Regulator with Series 20 Pilot and Type 30 Filter**

### OVERPRESSURE PROTECTION

The FlowMax® valve has a full ANSI rating of 250 psi on both the inlet and outlet connections as well as the actuator housing assembly. Overpressure protection is required only if the pressure can exceed the flange or body rating.

The pilots, like most regulators, may have an outlet pressure rating lower than the inlet pressure rating. If this is the case, then some external form of overpressure protection must be provided for the pilot.

Anytime the FlowMax® valve or pilot system is exposed to pressures in excess of its rating it should be inspected for damage.

The 4" Single Port FlowMax® regulator is an economical and easy to maintain pilot loading type regulator specifically designed for low differential pressure applications. The valve is designed to be used in conjunction with a self contained pilot control system to provide exceptional pressure control.

### SPECIFICATIONS

<b>Size</b>	4"
<b>Body Style</b>	Single Port
<b>End Connections</b>	4" CL 150 Flanged
<b>Temperature</b>	Working -20°F to 150°F Emergency -40°F to 175°F
<b>Max. Operating Differential</b>	250 psi
<b>Max. Casing Pressure</b>	250 psi
<b>Min. Differential</b>	4 psid
<b>Max. Inlet Pressure</b>	250 psig*
<b>Outlet Pressure Range</b>	Series 20L: 5" w.c to 8 psi Series 20: 3 psi to 248 psi
<b>Pilot Supply Body Tap</b>	One 1/4"-18 NPT
<b>Sense Line Tap</b>	One 1/2"-14 NPT

\*Limited by pilot or flange rating

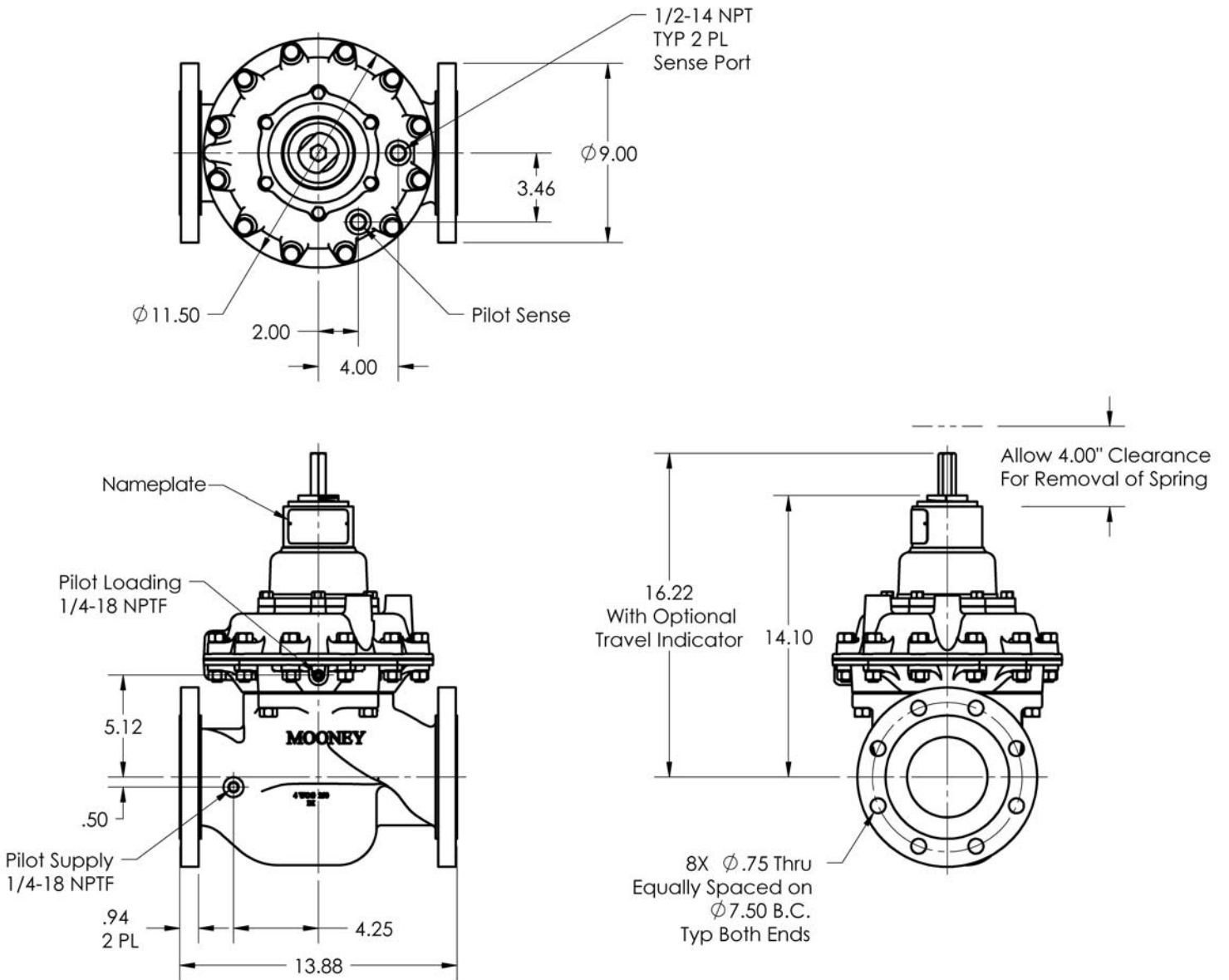
### MATERIALS OF CONSTRUCTION

<b>Body</b>	ASTM A 395 Ductile Iron
<b>Actuator Housing</b>	A 356-T6 Cast Aluminum
<b>Spring Case</b>	A 356-T6 Cast Aluminum
<b>Plug/Seat</b>	Nitrile/18-8 SST
<b>Diaphragms</b>	Nitrile/Nylon
<b>O-Ring &amp; Seals</b>	Nitrile
<b>Bolting</b>	ASTM B8 or Equal
<b>Spring</b>	Music Wire

### STOCK NUMBERS

4" FlowMax® Valve	Stock Number	Stock Number w/Indicator	Weight
150 CL RF Flanged	FM-6	FM-6T	103 lbs.
150 CL FF Flanged	FM-7	FM-7T	103 lbs.

# DIMENSIONS



## FLOW COEFFICIENTS AND CONSTANTS

4" FlowMax® Single Port Valve			
Percent Capacity	Cv	C1	Cg
100%	212	35	7500
50%	123	31	3800

**Mooney  
Dresser, Inc.**  
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4" FlowMax  
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