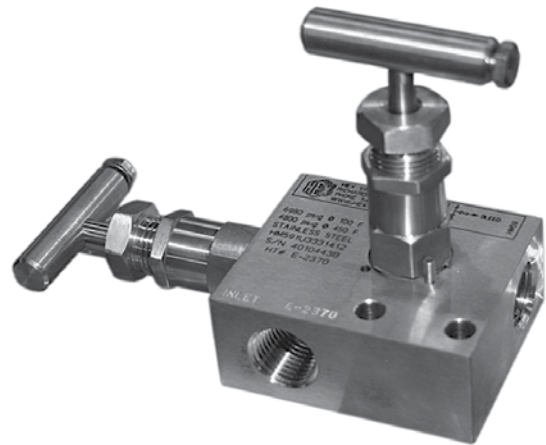


The HM59 Series is a line-mounted two valve manifold that functions as a shutoff and bleed valve for static pressure instrumentation. Compared to traditional piping methods that use an arrangement of nipples, pipes, elbows and tees, and gate valves, the HM59 Series will provide a low cost, easy-to-install unit that performs the same functions traditionally performed by a number of piping components. The use of the HM59 Series also reduces the number of threaded connections, resulting in fewer potential leak points.



Features and Benefits

- **Reduce costs and installation time:** Use Hex static pressure manifolds in place of the conventional arrangement of nipples, pipes, elbows, tees and gate valves for a lower cost, easier to install valve assembly
- **Non-rotating tip (NRT) stem:** Provides tight, repeatable shutoff without the galling or cross scoring that occurs on ball type stems
- **Fully backseated bonnets:** Prevent accidental stem removal and blowout. Unique design minimizes emissions

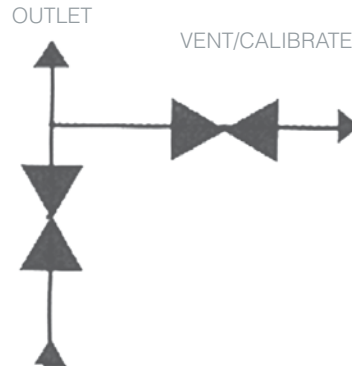
Stem Packing

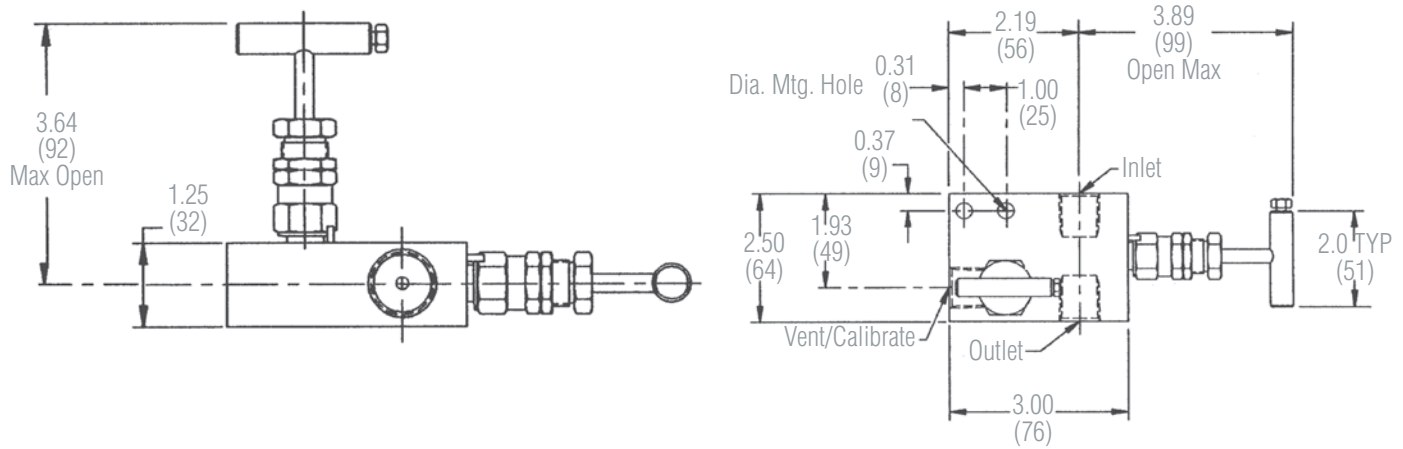
- Standard: Teflon-Chevron (to 450°F/232°C)
- Optional: Grafoil packing (to 1000°F/538°C)

Packing/Temperature Ratings

Carbon Steel	316 Stainless Steel
6580 psig @ 100°F 454 bar @ 38°C	6980 psig @ 100°F 481 bar @ 38°C
4300 psig @ 650°F 296 bar @ 343°C	3525 psig @ 1000°F 243 bar @ 538°C

Flow Schematic



Dimensions


How to Order										
Model Number	Seat/ Body Configuration	Body Material	Inlet Size	Inlet Type	Outlet Size/ Type	Stem/Tip	Seat Material	Packing	Options	Options
HM59	1 = Hard (6000 psi)	S = CS	3 = 1/2"	3 = FNPT	31 = 1/2" FNPT	2 = 316SS Needle/Plug (Softseat only)	1 = Integral (hard)	2 = TFE - Chevron	1 = CS Mtg Bkt	L = 1/8" Purge Ports
	2 = Soft (3000 psi)	U = SS				4 = 316/316SS NRT	4 = PPS	3 = Graphite	H = SS Mtg Bkt	
	G = Soft/O-Ring (3000 psi)						5 = KEL-F	6 = Viton O-Ring	N = CS Stem Trace Block	
							6 = TFE			
							9 = PEEK			

Sample Ordering Schematic

HM59	1	S	3	3	31	4	1	2	1	L
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