

Differential Pressure Manifold Valves - EM57

FIVE VALVE MANIFOLD: REMOTE MOUNT DOUBLE EQUALIZER DESIGN

The EM57 five valve manifold combines two shutoff valves, two equalizing valves, and a vent/calibration valve into a single, compact assembly. The double equalizing arrangement insures against measurement error that can occur from equalizer leakage between high and low pressure connections, making the EM57 ideal for custody transfer applications.

When expensive liquid or gas changes ownership, precise measurement is critical. The smallest leakage from the high side of the manifold to the low side of the manifold can lead to lost revenue due to inaccurate measurement. Therefore, when dealing with custody transfer or other critical flows, a five valve manifold should be used to achieve more accurate measurement.

Product Availability

All valves are available with integral hard seats, 316-NACE stainless steel body and trim and Teflon or Graphite packing.

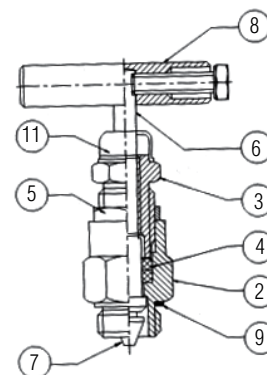
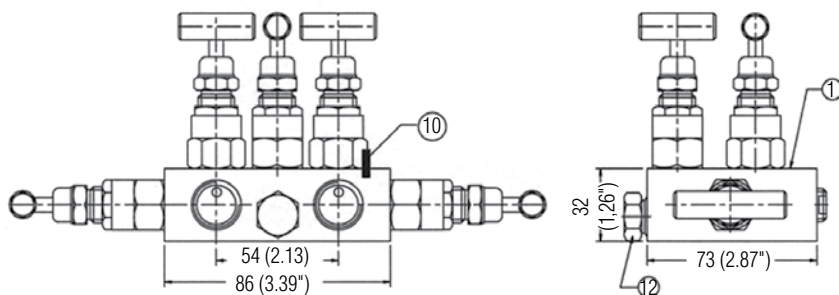
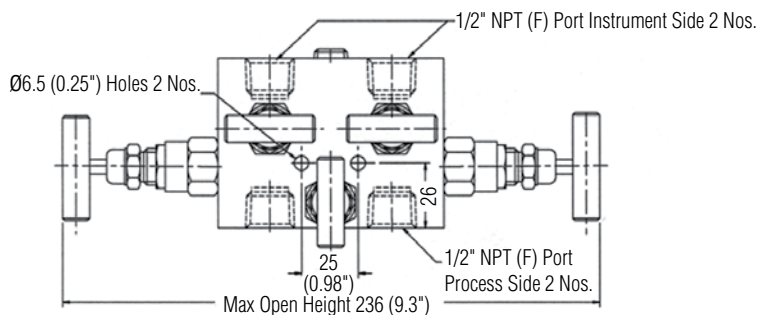
Hastelloy C, Monel models (see order grid) available upon request.

Ratings

Stainless Steel with TFE Packing:

6000 psig @ 100°F (414 bar @ 38°C)

4200 psig @ 400°F (290 bar @ 204°C)



No.	Description	Material	Qty
1	Body	SS316/NACE	1
2	Gland Body	SS316/NACE	5
3	Gland Retainer	SS304	5
4	Gland Seal	PTFE	10
5	Check Nut	SS304	5
6	Spindle	SS316/NACE	5
7	Trim	SS316/NACE	5
8	Handle	SS304	5
9	Washer	SS	5
10	Lock Pin	SS304	5
11	Dust Cap	PVC	5
12	Drain Plug 1/4" NPT	SS316/NACE	1

Note: Other materials and options available

MODEL	BODY CONFIG.	BODY MAT'L	INLET SIZE	INLET TYPE	OUTLET SIZE	OUTLET TYPE	STEM/TIP	SEAT MAT'L	PACKING
EM57	1	D	3	3	3	1	3	1	2

MODEL	TYPE
EM57	Standard

10	OUTLET TYPE
1	FNPT

5	BODY
1	Hard Seat

11	STEM/TIP
3	316-NACE/316-NACE
B	Monel/Monel
D	Hastelloy C/Hastelloy C

6	BODY MATERIAL
D	316SS-NACE
H	Hastelloy C
M	Monel

12	SEAT MATERIAL
1	Integral Seat

7	INLET SIZE
3	1/2"

13	PACKING
2	TFE
3	Graphite

8	INLET TYPE
3	FNPT

9	OUTLET SIZE
3	1/2"

Flow Schematic

