

Manifold Valves

2 Valve Manifold - Remote Mounting

These manifolds are having one Isolation valve of $\frac{1}{2}$ " connection & one drain valve of $\frac{1}{4}$ " or $\frac{1}{2}$ " connection. The outlet of drain valve can be used for calibration. Compact unit saves space, reduces number of joints resulting in cost reduction. These manifolds are used with Pressure gauges, switches or transmitters. Different models are available as shown below.

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100° C
(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Gland packing : PTFE / Graphite

Standard process connection : $\frac{1}{2}$ " NPT F

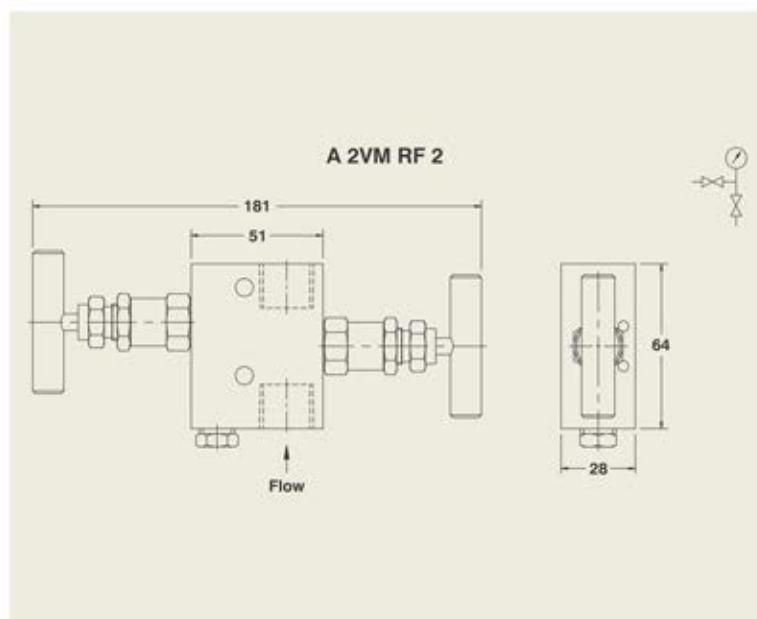
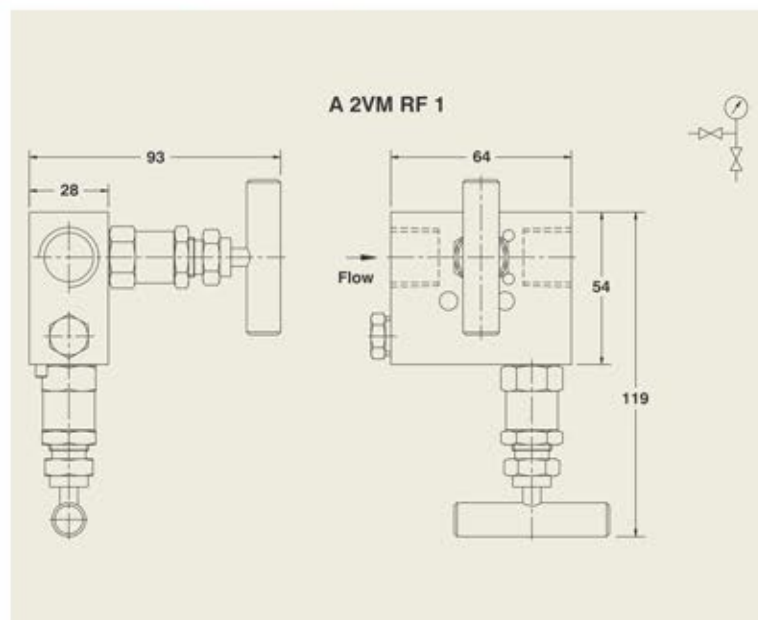
Standard instruments connection : $\frac{1}{2}$ " NPT F

Drain : $\frac{1}{4}$ " NPT F (supplied with $\frac{1}{4}$ " NPT blind plug)

Valves for 10000 PSI working pressure are also available

Weight : 1.00 kg

(A 2VM RF 1)



Weight : 1.00 kg

(A 2VM RF 2)



(A 2VM RF 3)



ISO 9001 : 2008 | PED 97/23/EC

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100° C
(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Gland packing : PTFE / Graphite

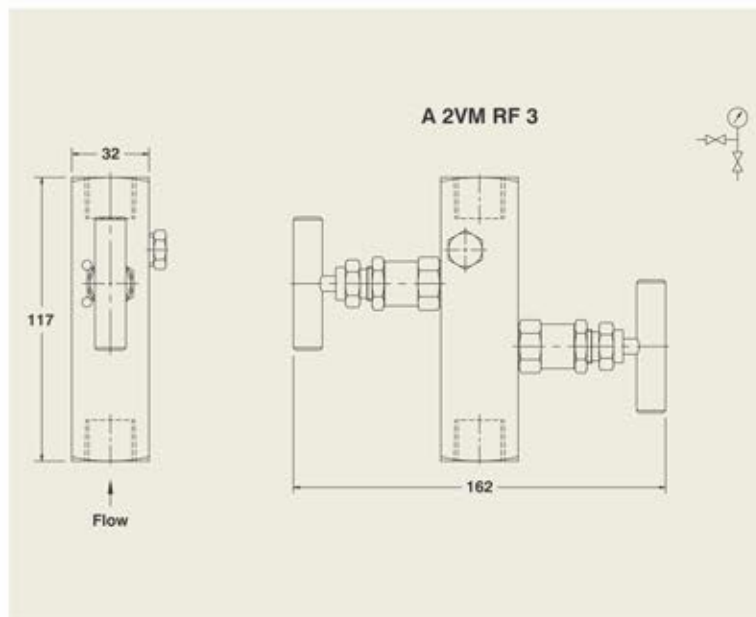
Standard process connection : 1/2" NPT F

Standard instruments connection : 1/2" NPT F

Drain : 1/4" NPT F (supplied with 1/4" NPT blind plug)

Valves for 10000 PSI working pressure are also available

Weight : 1.10 kg



(A 2VM RF 4)

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100° C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

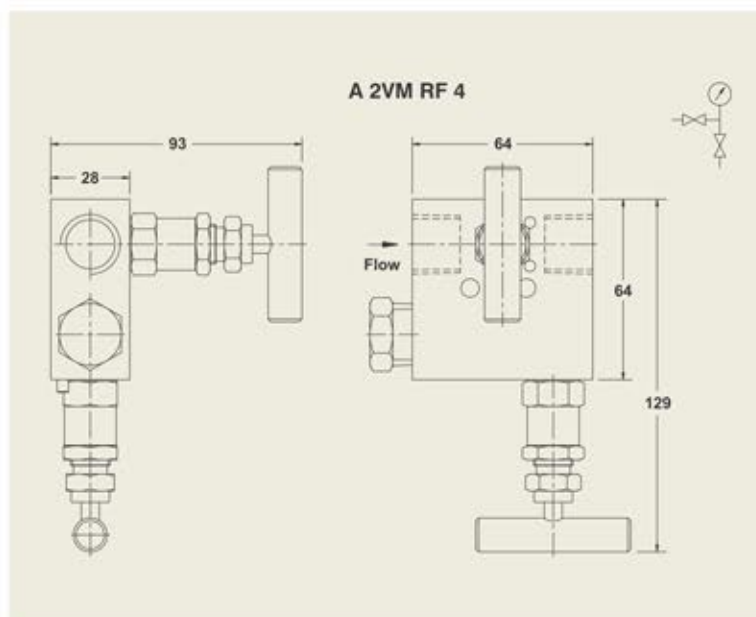
Standard process connection : 1/2" NPT F

Standard instruments connection : 1/2" NPT F

Drain : 1/2" NPT F (supplied with 1/2" NPT blind plug)

Valves for 10000 PSI working pressure are also available

Weight : 1.10 kg



(A 2VM RMF)

Standard Specifications :

Maximum working pressure : 413 bar/6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Gland packing : PTFE / Graphite

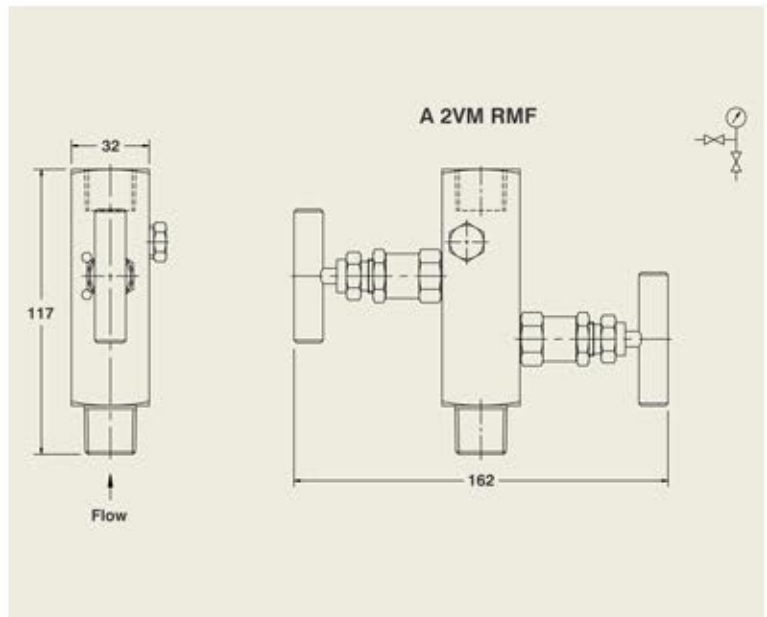
Standard process connection : ½" NPT M

Standard instruments connection : ½" NPT F

Drain : ¼" NPT F (supplied with ¼" NPT blind plug)

Valves for 10000 PSI working pressure are also available

Weight : 1.10 kg



(A 2VM RFM)

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

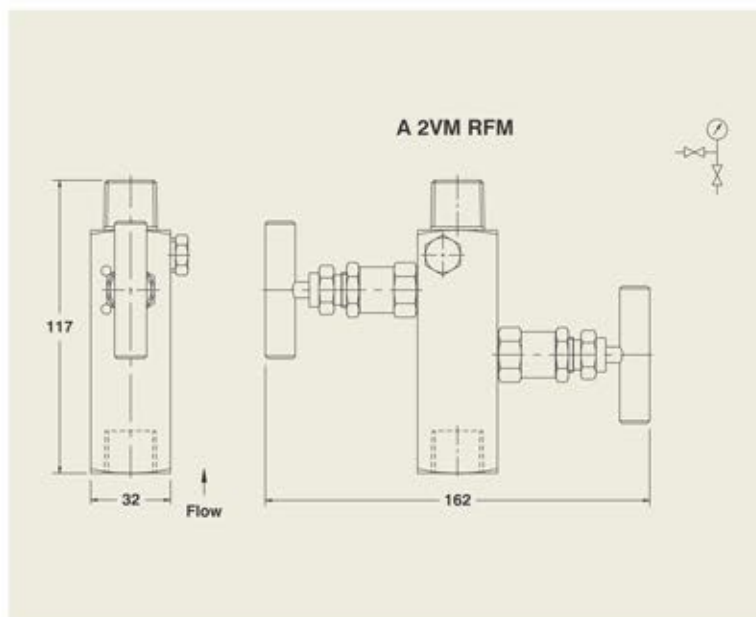
Standard process connection : ½" NPT F

Standard instruments connection: ½" NPT M

Drain : ¼" NPT F (supplied with ¼" NPT blind plug)

Valves for 10000 PSI working pressure are also available

Weight : 1.10 kg



2 Valve Manifold - Direct Mounting

These manifolds provide a direct mounting feature with isolation & drain/calibration in a single unit. These type of manifolds can be directly mounted on the static pressure transmitter to eliminate several parts & joints. Different models available as shown below.



ISO 9001 : 2008 | PED 97/23/EC

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

Standard process connection : 1/2" NPT F

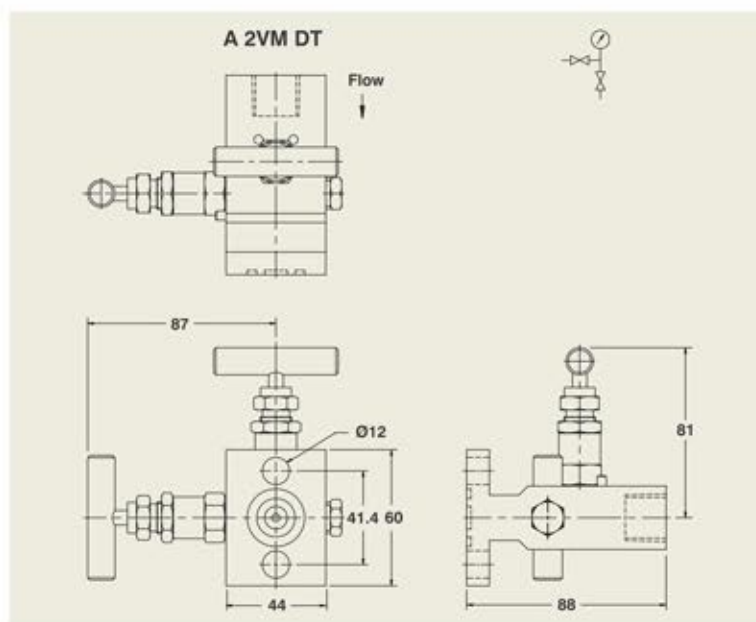
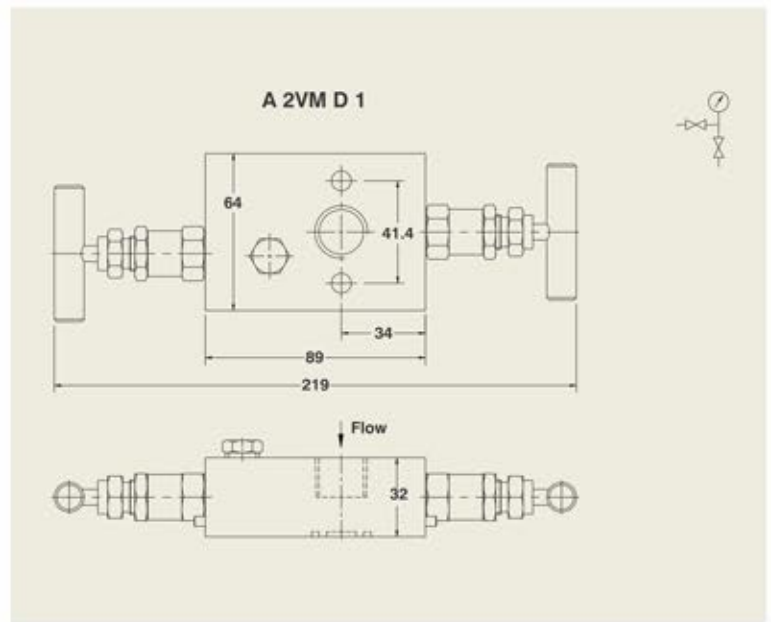
Standard instruments connection: Flanged

Drain : 1/4" NPT F (supplied with 1/4" NPT blind plug)

Valves for 10000 PSI working pressure are also available

Weight : 1.60 Kg

(A 2VM D 1)



Weight : 1.40 kg

(A 2VM DT)



3 Valve Manifold - Remote Mounting

These manifolds are generally used in differential pressure application with Pressure gauges, Pressure switches & pressure transmitters. Two isolation valves & one equalizing valve is provided. The standard connections are 1/2" NPTF. The drain connection of 1/4" NPT is provided as an option. The different models are available as mentioned below.

Standard Specifications :

Maximum working pressure : 413 bar/6000 PSI at 100°C
(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

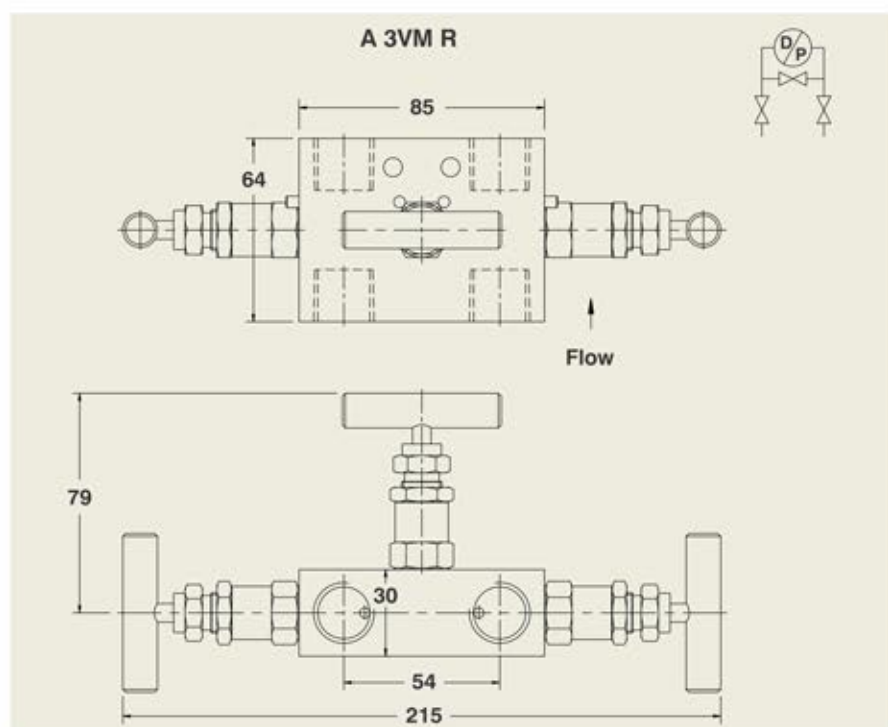
Standard process connection : 1/2" NPT F

Standard Instrument connection : 1/2" NPT F

Valves for 10000 PSI working pressure are also available

Weight : 1.50 kg

(A 3VM R)



Standard Specifications :

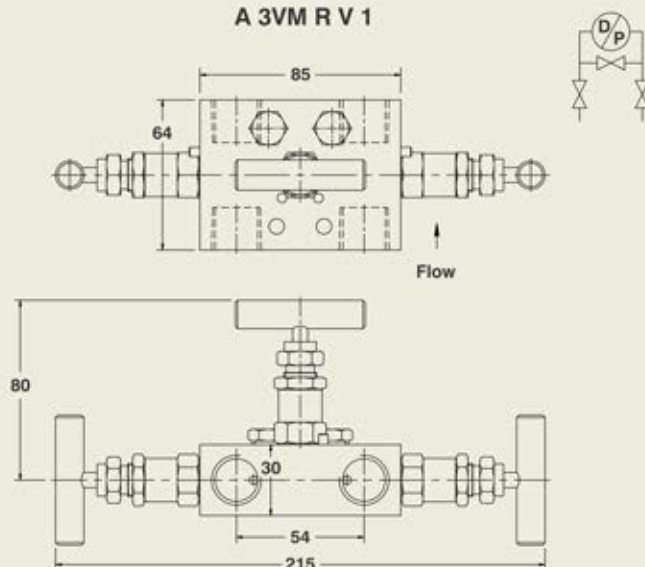
Maximum working pressure : 413 bar / 6000 PSI at 100°C
(see pressure temperature chart on Page No. 4 for higher temperature applications)
Material : 316 SS / 316L SS / 304 SS / Carbon steel
MOC in accordance with NACE MR0175 is available on request.
Monel, Inconel, Hastelloy, Duplex steel are also available on request.
Gland packing : PTFE/Graphite
Standard process connection : ½" NPT F
Standard Instrument connection : ½" NPT F
Drain : ¼" NPT F (supplied with ¼" NPT blind plug)
Valves for 10000 PSI working pressure are also available

Weight : 1.56 kg

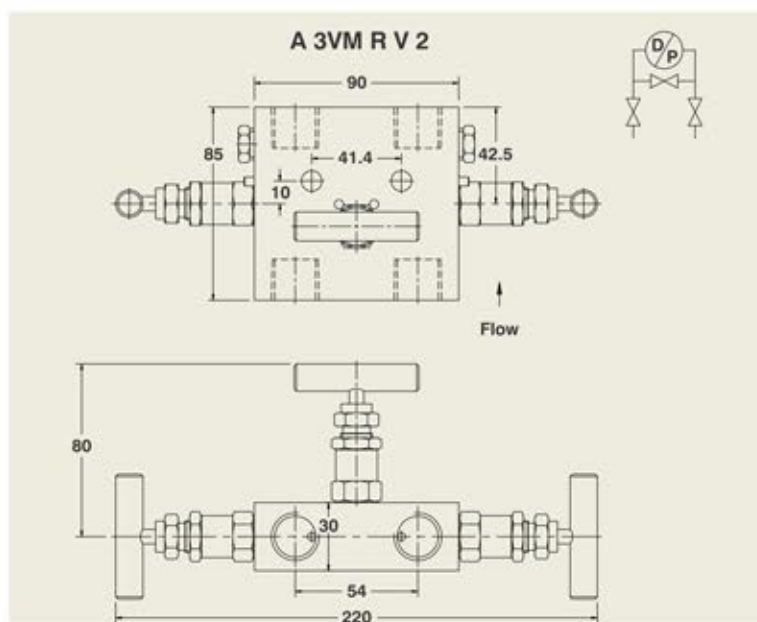
(A 3VM R V 1)



A 3VM R V 1



A 3VM R V 2



Weight : 2.00 kg

(A 3VM R V 2)



3 Valve Manifold - Direct Mounting

These manifold can be directly mounted on the transmitter having 54 mm or 32 mm center to center connections. The inlet is either 1/2" NPT F or flanged. Two isolation valves & one equalizer valve is provided along with 1/4" NPT F drain as an option. These valves are mainly used with Dp transmitters. Different options are available as shown.

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100° C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

Standard process connection : 1/2" NPT F

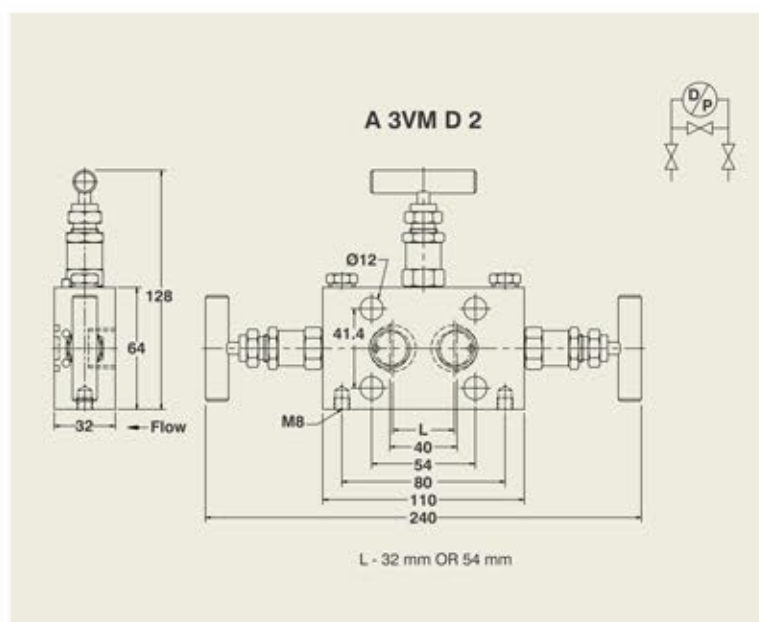
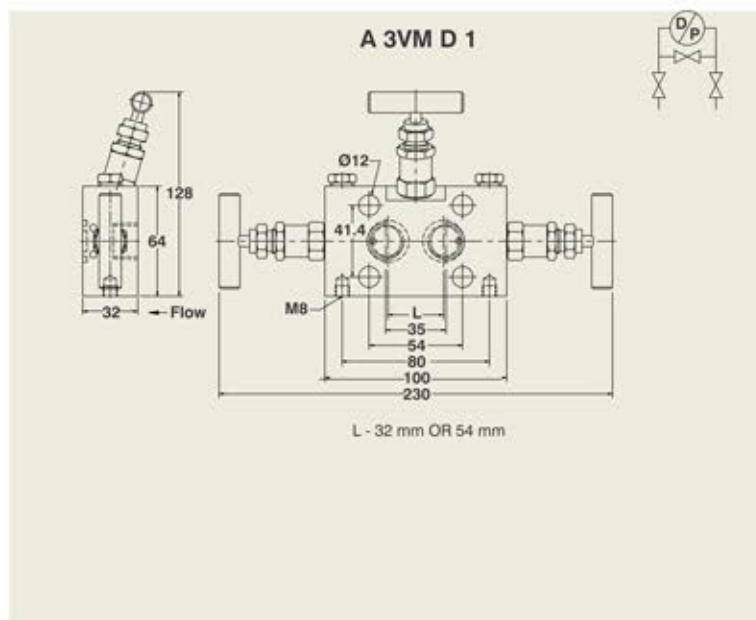
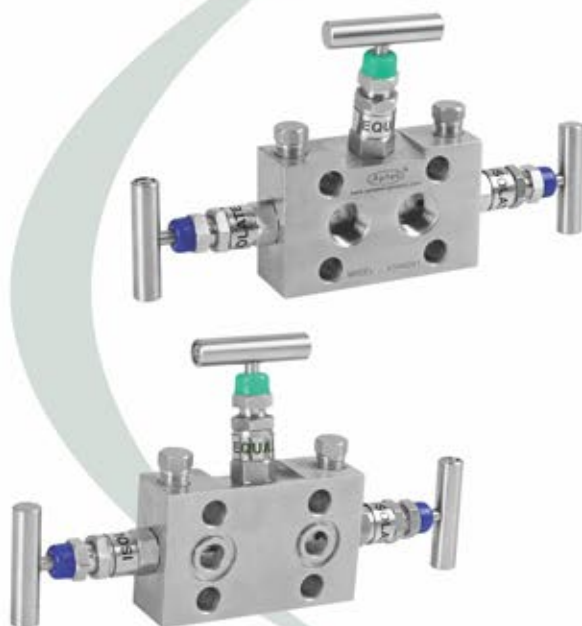
Standard Instrument connection : Flanged

Drain : 1/4" NPT F (supplied with 1/4" NPT blind plug)

Valves for 10000 PSI working pressure are also available

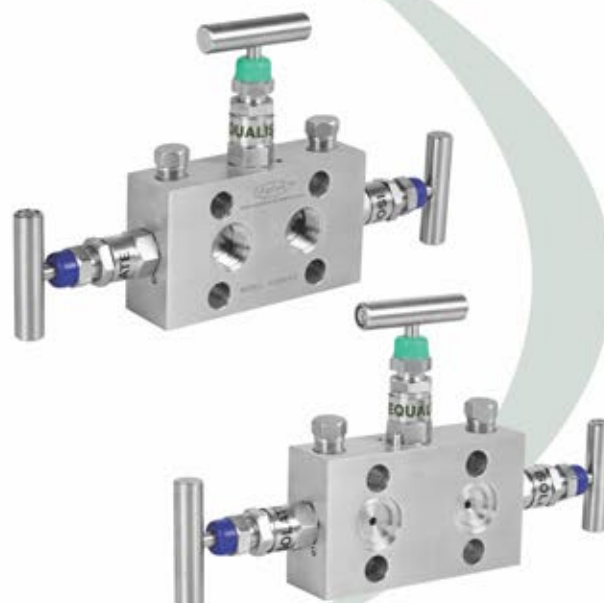
Weight : 2.00 kg

(A 3VM D 1)



Weight : 2.00 kg

(A 3VM D 2)



Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C
(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

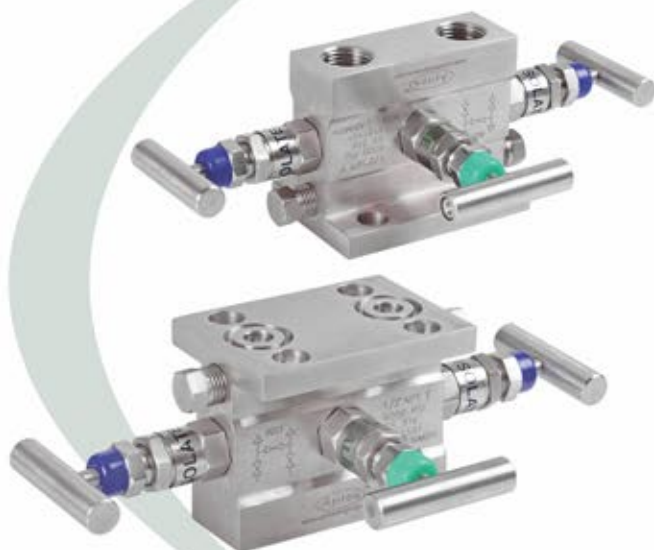
Standard process connection : ½" NPT F

Standard Instrument connection : Flanged

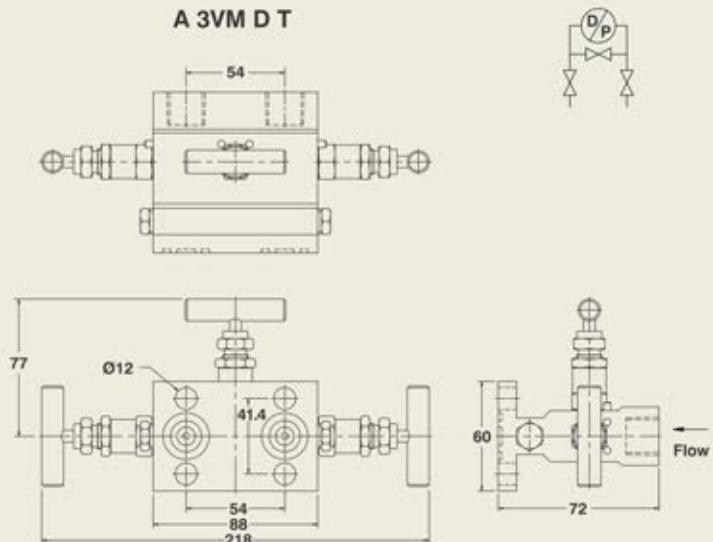
Drain : ¼" NPT F (supplied with ¼" NPT blind plug)

Valves for 10000 PSI working pressure are also available

Weight : 1.90 kg



A 3 VM D T



(A 3 VM D H)

Standard Specifications :

Maximum working pressure : 413 bar/6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

Standard process connection : Flanged

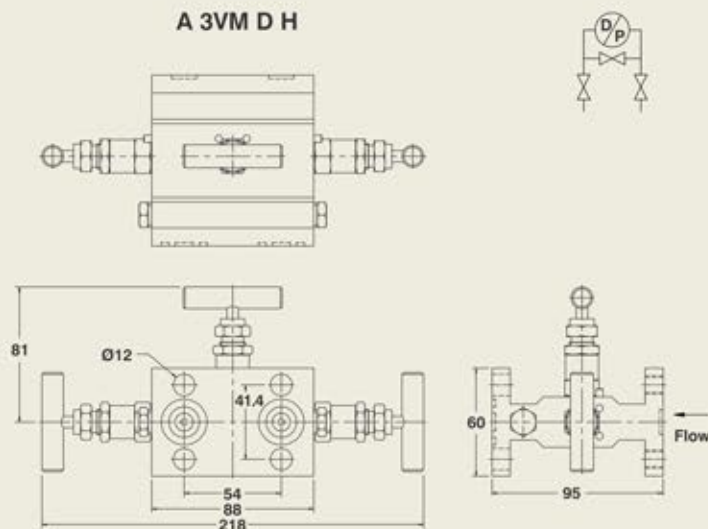
Standard Instrument connection : Flanged

Drain: ¼" NPT F (supplied with ¼" NPT blind plug)

Valves for 10000 PSI working pressure are also available

Weight : 2.56 kg

A 3 VM D H



Special Manifolds for DP Gauges

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C
(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

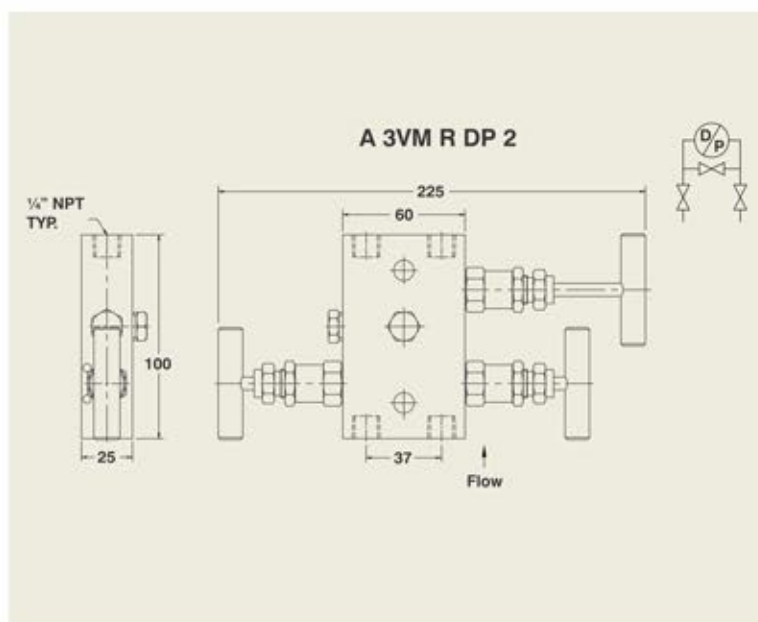
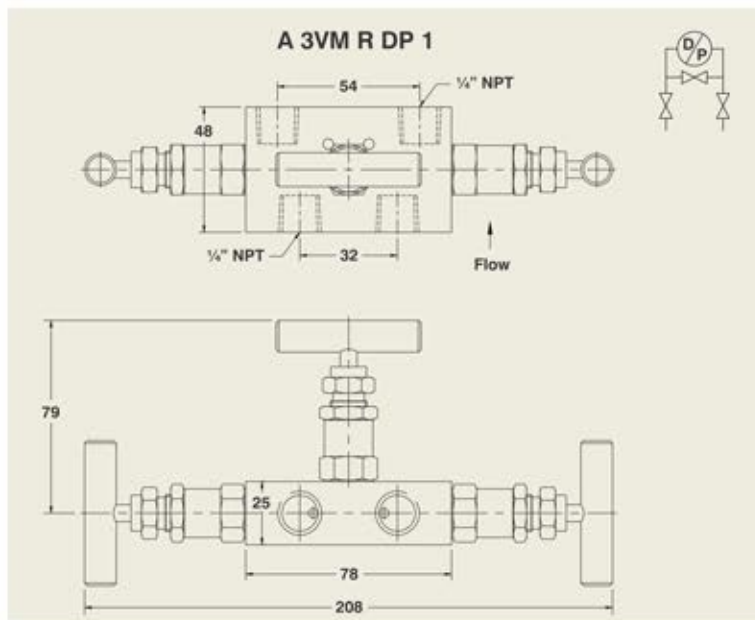
Standard process connection : 1/4" NPT F

Standard Instrument connection : 1/4" NPT F

Valves for 10000 PSI working pressure are also available

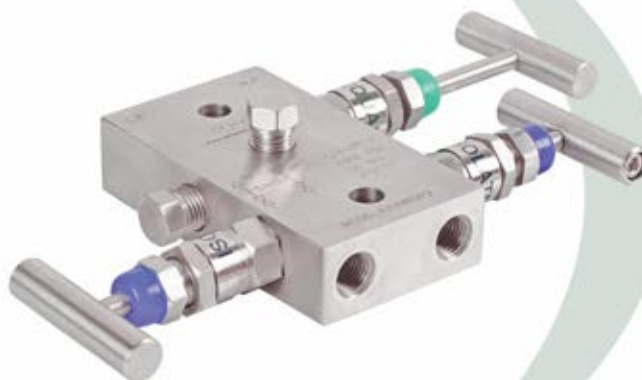
Weight : 1.00 kg

(A 3VM R DP 1)



Weight : 1.40 kg

(A 3VM R DP 2)



Standard Specifications :

Maximum working pressure: 413 bar / 6000 PSI at 100° C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

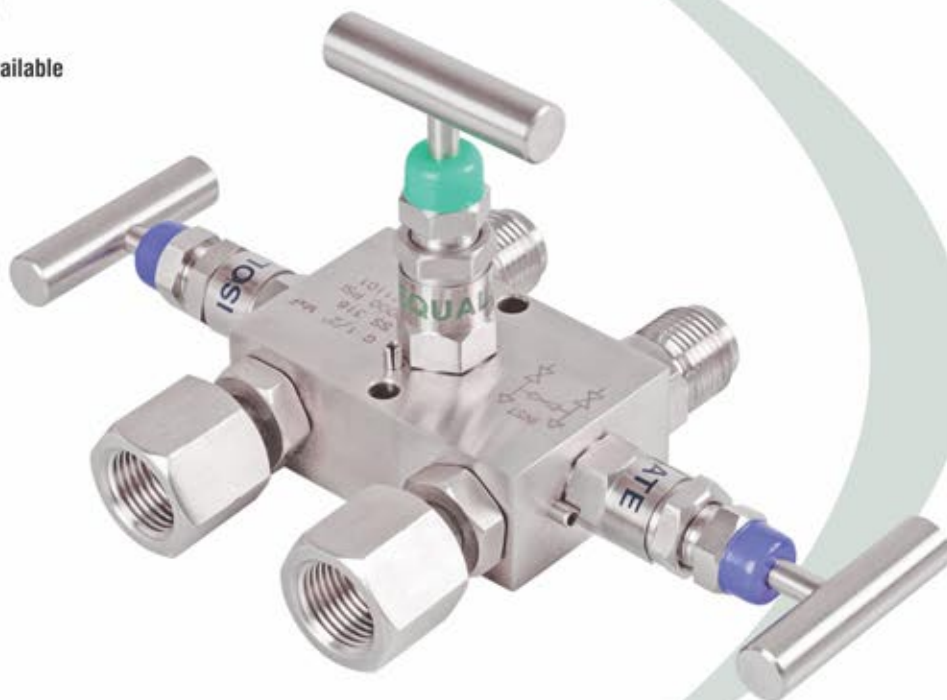
Gland packing : PTFE / Graphite

Standard process connection : G ½" M or ½" NPT M

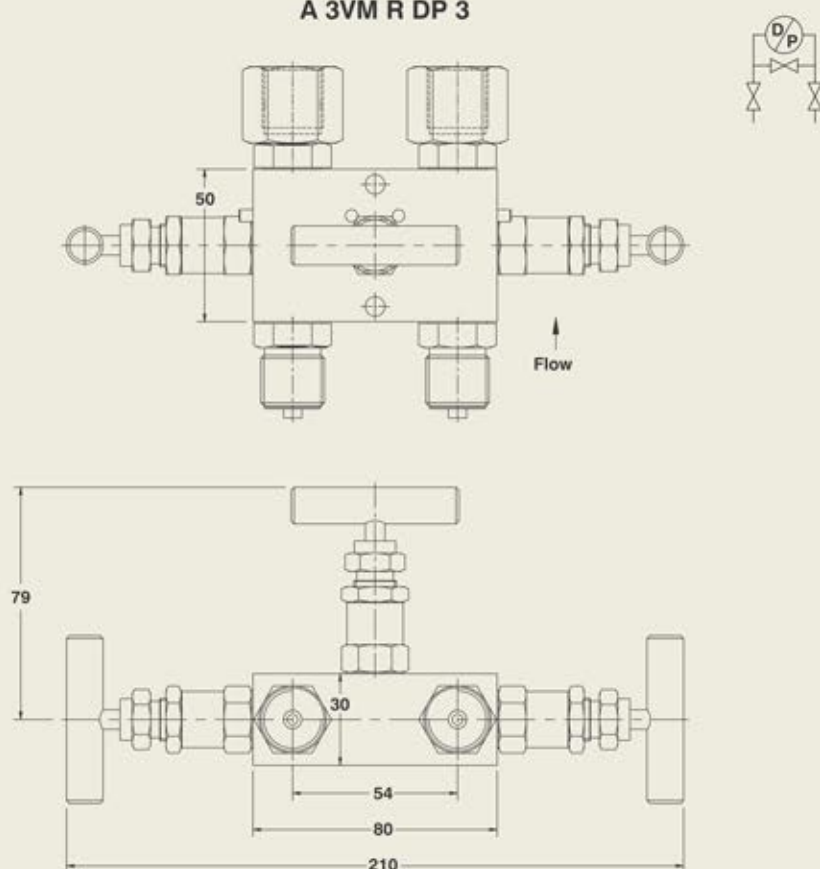
Standard Instrument connection : G ½" F Swivel

Valves for 10000 PSI working pressure are also available

Weight : 1.90 kg



A 3VM R DP 3



5 Valve Manifold - Remote Mounting

These manifolds are designed for remote mounting on instruments using threaded instrument & process connections. These valves are having two isolation, one equalizer & two drain/calibration valves. The standard process & instrument connections are $\frac{1}{2}$ " NPT F & the drain connections are $\frac{1}{4}$ " NPT F. The blanking plugs are provided. The instruments connections are positioned at 54 mm center distance but can also be used for other center distances with the help of screwed fittings. Different models are available as shown below.

(A 5VM R 1)

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100° C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

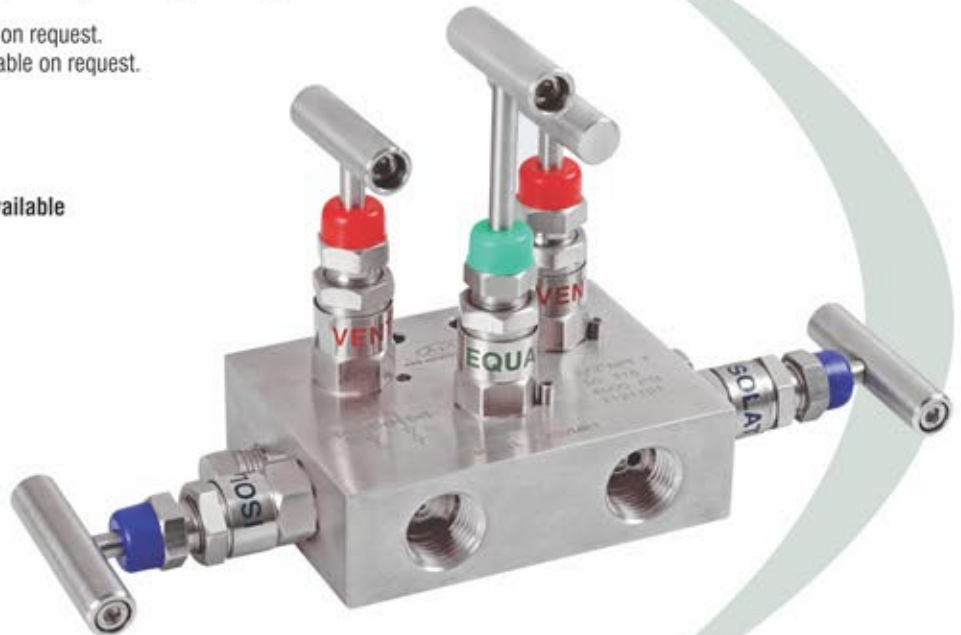
Standard process connection : $\frac{1}{2}$ " NPT F

Standard Instrument connection : $\frac{1}{2}$ " NPT F

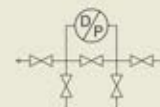
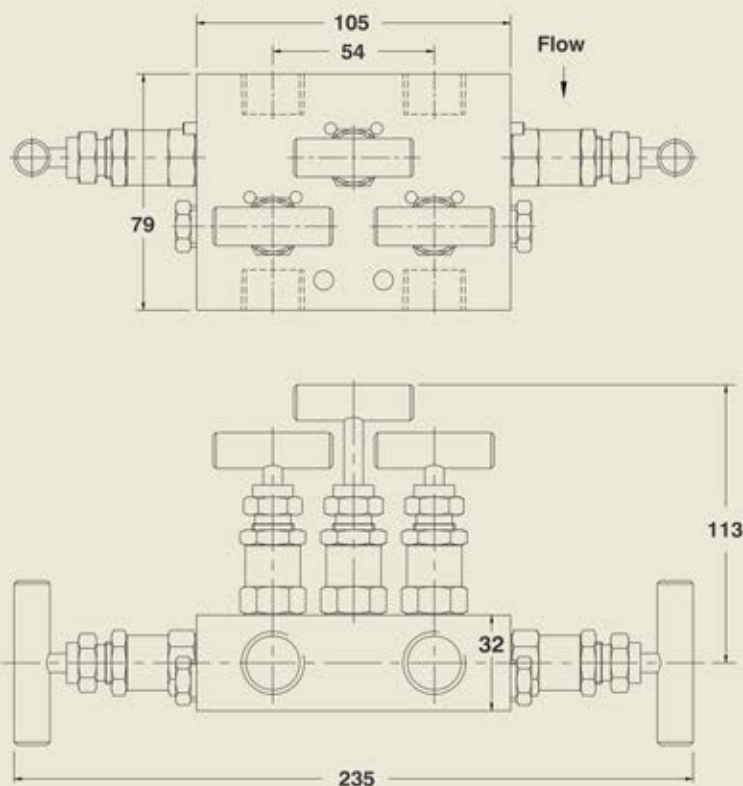
Drain : $\frac{1}{4}$ " NPT F

Valves for 10000 PSI working pressure are also available

Weight : 2.70 kg



A 5VM R 1



Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

Standard process connection : ½" NPT F

Standard Instrument connection : ½" NPT F

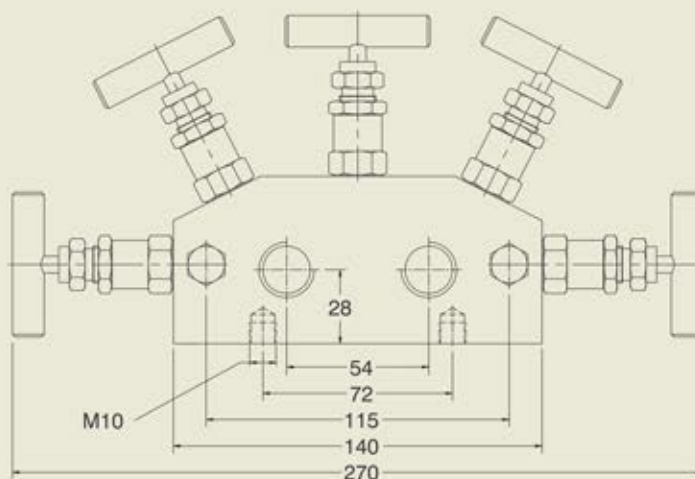
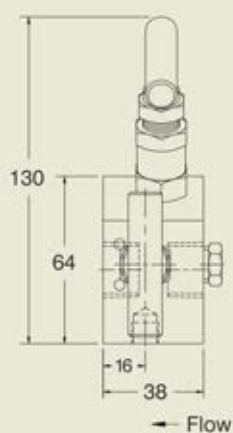
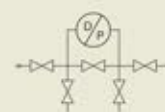
Drain : ¼" NPT F

Valves for 10000 PSI working pressure are also available

Weight : 3.30 kg



A 5VM R 2



These valves are designed for direct mounting to differential pressure transmitter. The instrument side is provided with a standard flange of 54 mm or 32 mm center distance. These valves are having two isolation, one equalizer & two vent / calibration valves. The standard process & instruments connections are 1/2" NPT. Two vent connections are 1/4" NPT in all manifolds & provided with blanking plugs. Different models are available as shown.

These valves are designed for direct mounting to differential pressure transmitter. The instrument side is provided with a standard flange of 54 mm or 32 mm center distance. These valves are having two isolation, one equalizer & two vent / calibration valves. The standard process & instruments connections are 1/2" NPT. Two vent connections are 1/4" NPT in all manifolds & provided with blanking plugs. Different models are available as shown.

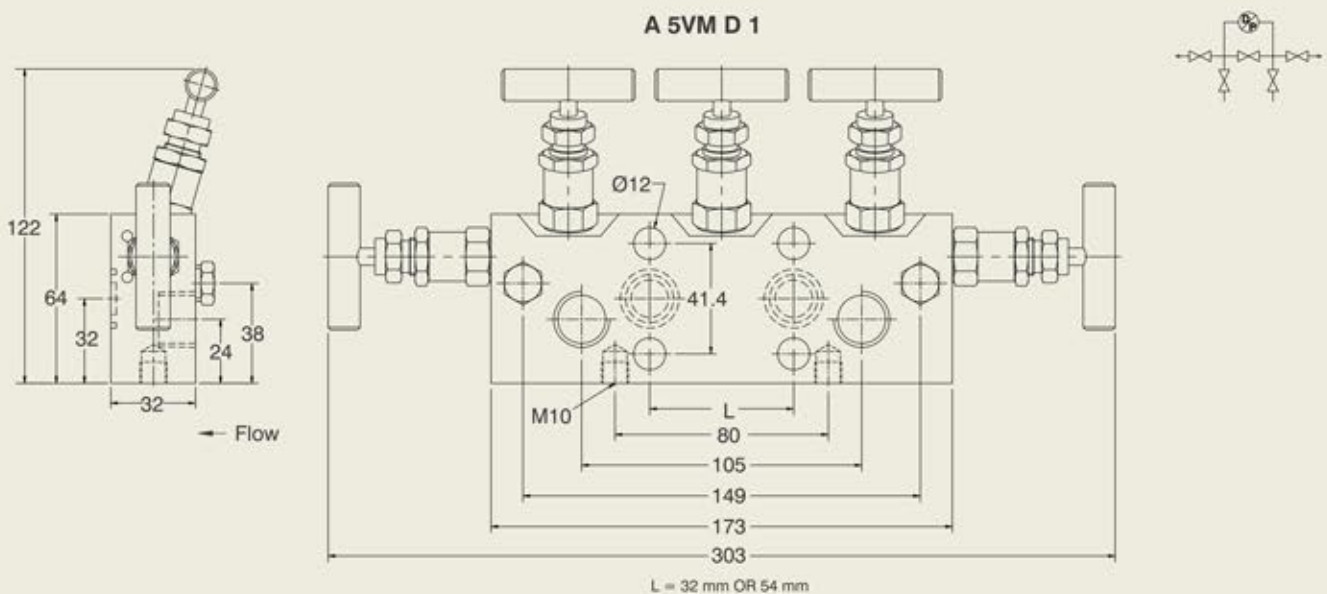
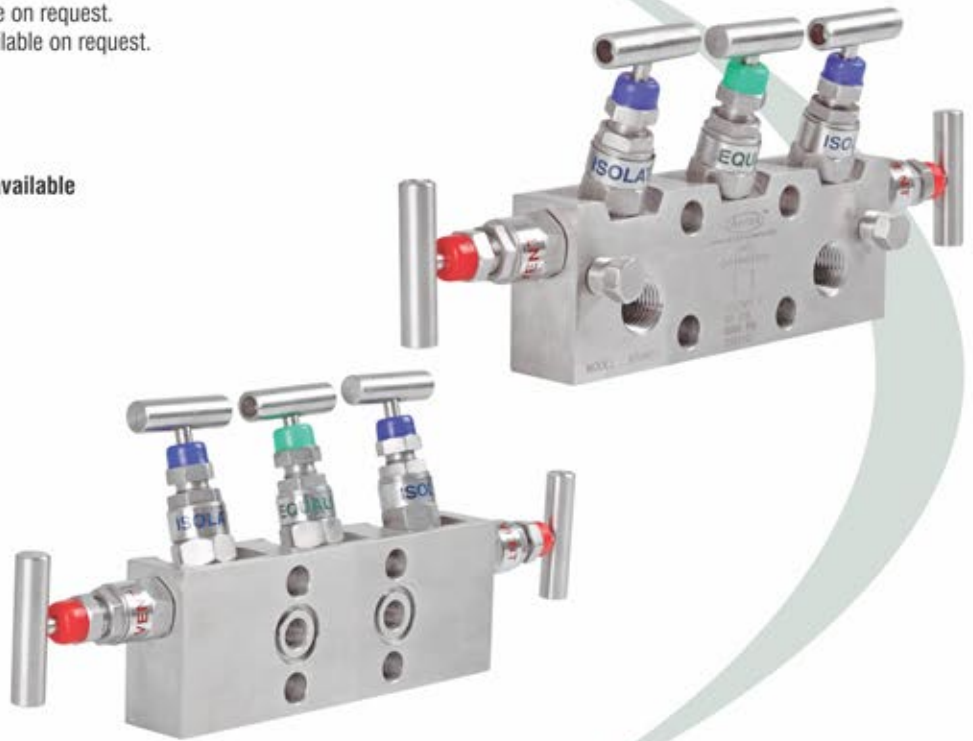
(A 5VM D 1)

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C
(see pressure temperature chart on Page No. 4 for higher temperature applications)
Material : 316 SS / 316L SS / 304 SS / Carbon steel
MOC in accordance with NACE MR0175 is available on request.
Monel, Inconel, Hastelloy, Duplex steel are also available on request.
Gland packing : PTFE / Graphite
Standard process connection : ½" NPT F
Standard Instrument connection : Flanged
Drain : ¼" NPT F

Valves for 10000 PSI working pressure are also available

Weight : 3.30 kg



Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

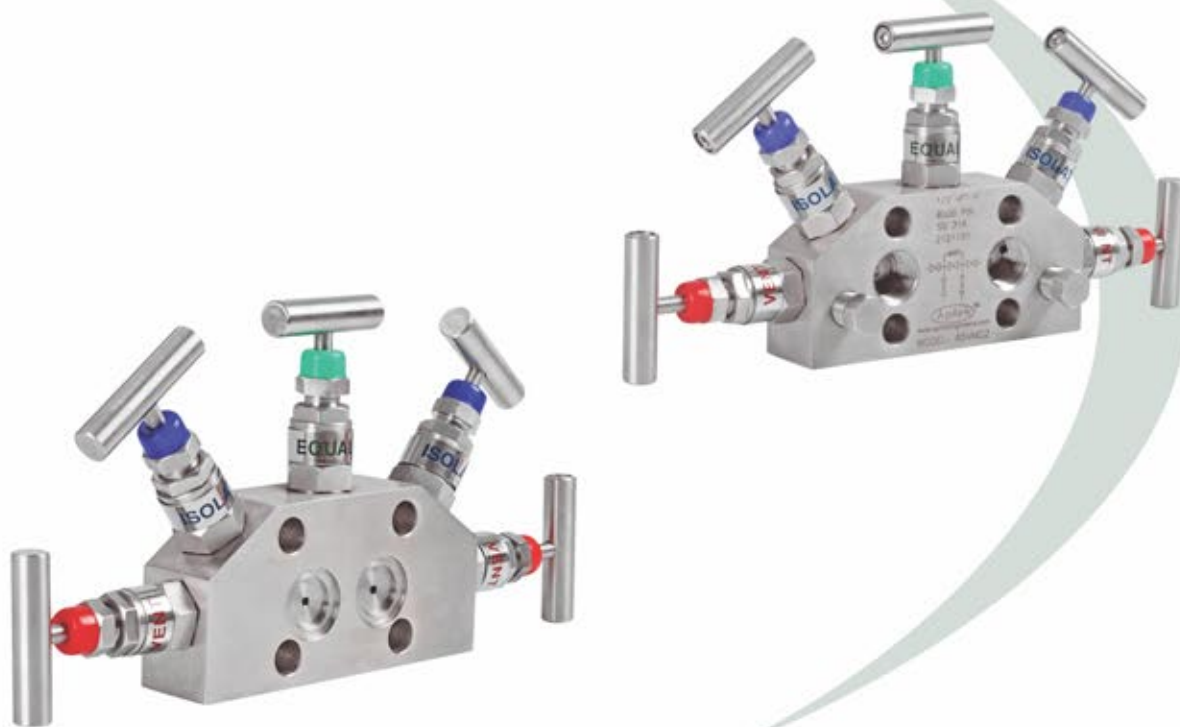
Gland packing : PTFE / Graphite

Standard process connection : ½" NPT F

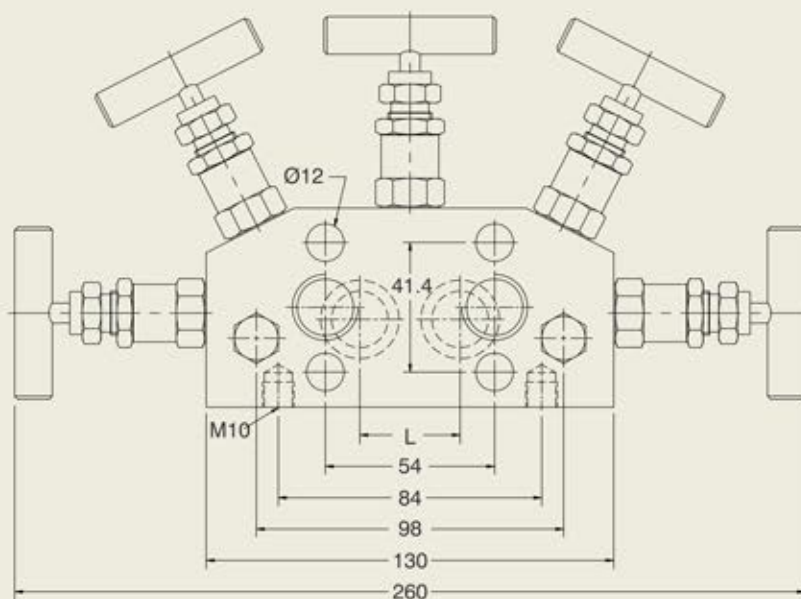
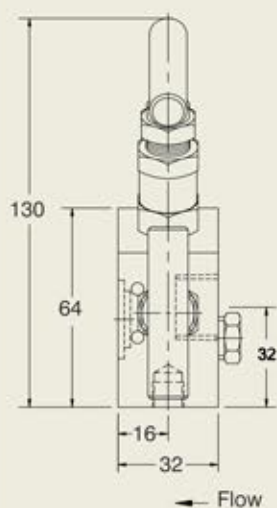
Standard Instrument connection : Flanged

Valves for 10000 PSI working pressure are also available

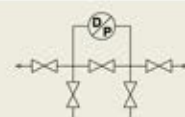
Weight : 2.70 kg



A 5VM D 2



L = 32 mm OR 54 mm



(A 5VM DT)

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

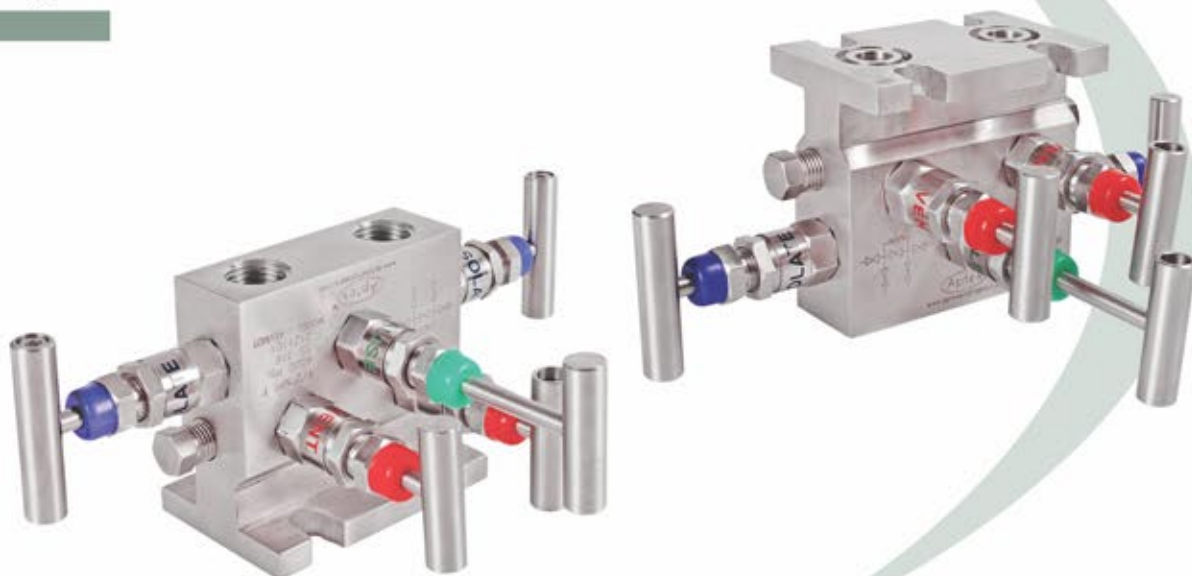
Standard process connection : ½" NPT F

Standard Instrument connection : Flanged

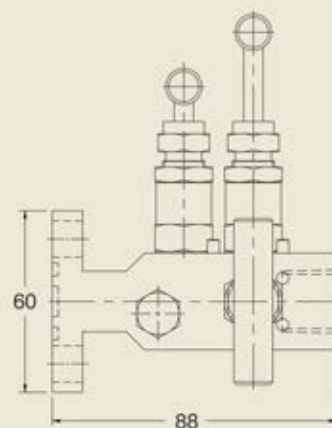
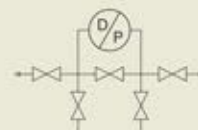
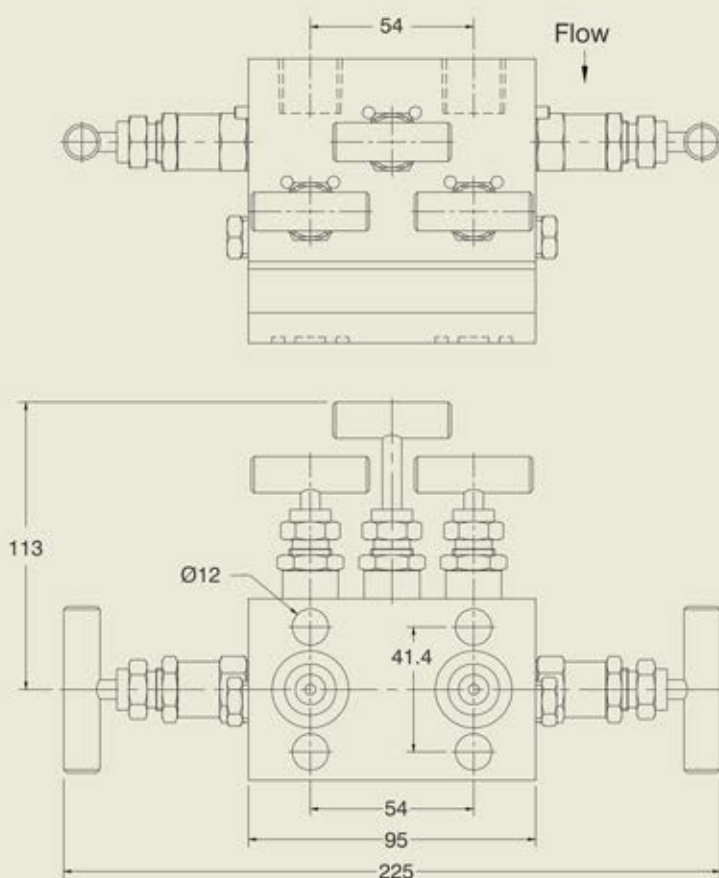
Drain : ¼" NPT F

Valves for 10000 PSI working pressure are also available

Weight : 2.90 kg



A 5VM DT



Standard Specifications :

Maximum working pressure: 413 bar / 6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

Standard process connection : Flanged

Standard Instrument connection : Flanged

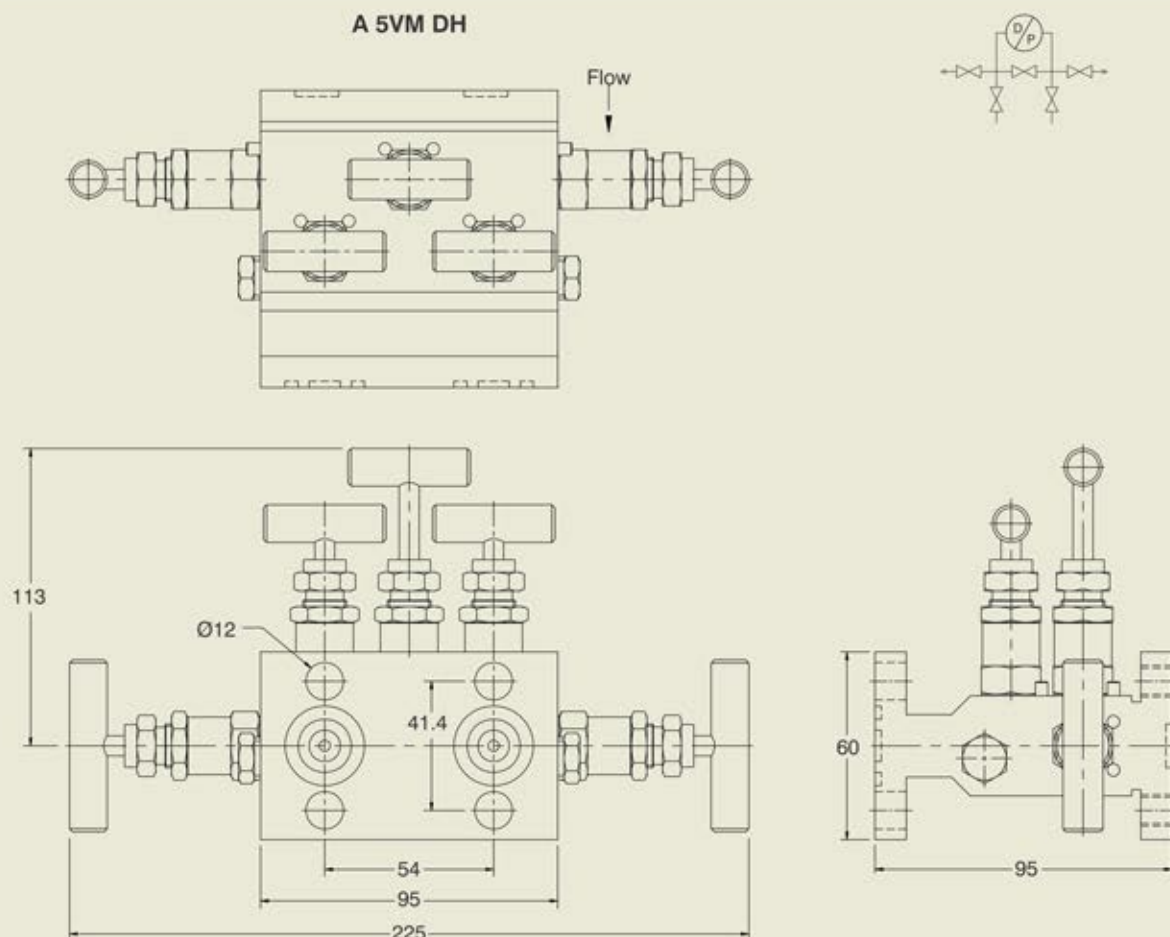
Drain : 1/4" NPT F

Valves for 10000 PSI working pressure are also available

Weight : 2.70 kg



A 5VM DH



(A 5VM D DP)

Standard Specifications :

Maximum working pressure : 413 bar / 6000 PSI at 100°C

(see pressure temperature chart on Page No. 4 for higher temperature applications)

Material : 316 SS / 316L SS / 304 SS / Carbon steel

MOC in accordance with NACE MR0175 is available on request.

Monel, Inconel, Hastelloy, Duplex steel are also available on request.

Gland packing : PTFE / Graphite

Standard process connection : ½" NPT M or G ½" M

Standard Instrument connection : Swivel Nut G ½"

Drain : ¼" NPT F

Weight : 3.70 kg

