

# TWO WAY MANIFOLD VALVE TGI35-2

## APPLICATIONS

- Isolation for pressure instruments and Pressure Line
- Liquid and Gas applications
- Corrosive media

## FEATURES

- Suitable for High Pressure line
- Isolation & Vent Valve with Rigid Construction
- Drainage port



TWO WAY MANIFOLD VALVE , TGI35-2

## DESCRIPTION

### General

**Thread design :** ANSI B1.20.1 / BS EN ISO 228-1

**Storage temperature :** -40...+65°C

**Service temperature :** 240°C max.

**Working Pressure :** 6000 psi max.

### Material of construction

**Body material :** AISI 304 SS / AISI 316 SS / AISI316LSS / Monel

**Packing Material :** PTFE / Grafoil

### Standard version

**Steam Type :** Hard Seated stem

**Wetted Parts:** AISI 316 SS

**Stem Packing :** PTFE

**Stem Tip form:** Conical Metal Tip

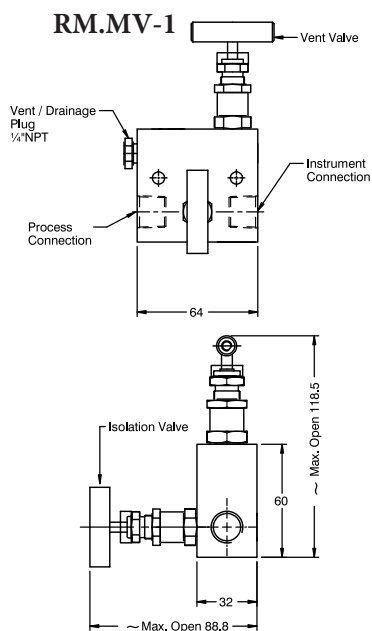
**Instrument connection :** 1/2" NPT (F) / 1/2" BSP (F)

**Process connection :** 1/2" NPT (M) / 1/2" BSP (M)

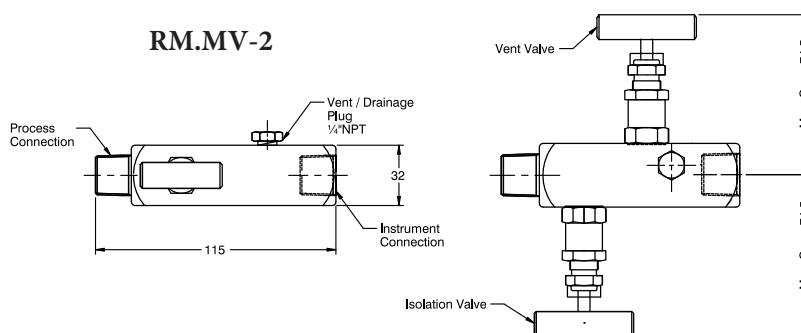
**Drainage Pluge:** 1/4" NPT (M)

## GA DRAWING

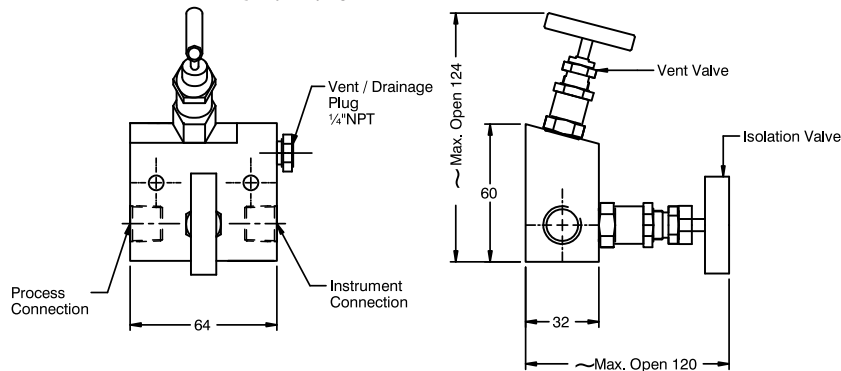
RM.MV-1



RM.MV-2

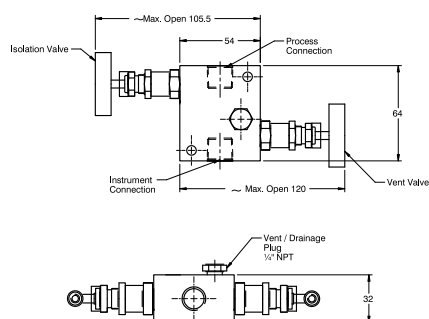


RM.MV-3

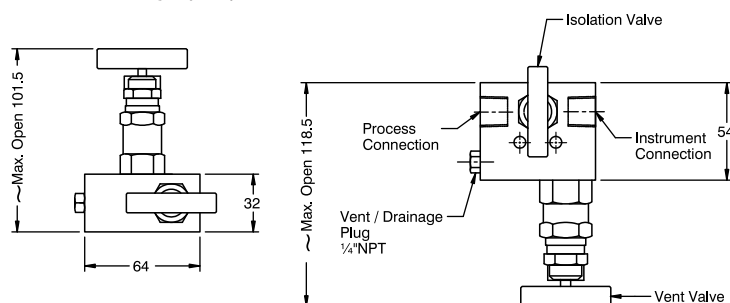


RM.MV-5

Remote mount - Pattern 5



RM.MV-4



# TWO WAY MANIFOLD VALVE

## TGI35-2

| ORDERING CODES                                                                  |                          |  |      |                               |      |              | TGI35-2<br>RM.MV-1<br><br>HSM<br><br>VS01<br><br>P27<br><br>P07<br><br>S11<br><br>E90 |                           |
|---------------------------------------------------------------------------------|--------------------------|--|------|-------------------------------|------|--------------|---------------------------------------------------------------------------------------|---------------------------|
| MODEL TGI35-2 -TWO WAY MANIFOLD VALVE , RM.MV-1/ RM.MV-2/RM.MV3/RM.MV-4/RM.MV-5 |                          |  |      |                               |      |              |                                                                                       |                           |
| STEM TYPE                                                                       |                          |  |      |                               |      |              |                                                                                       |                           |
| HSM                                                                             | Hard seated stem (Metal) |  | SSD  | Soft seated stem (Derlin)     |      | RPD          |                                                                                       | Rising plug stem (Derlin) |
| BODY / WETTED MATERIAL                                                          |                          |  |      |                               |      |              |                                                                                       |                           |
| VS01                                                                            | AISI 304 SS              |  | VS02 | AISI 316 SS                   |      | VS03         |                                                                                       | AISI 316L SS              |
|                                                                                 |                          |  |      |                               | VS05 | MONEL        |                                                                                       |                           |
|                                                                                 |                          |  |      |                               |      | VS10         |                                                                                       | HAST-C                    |
| INSTRUMENT CONNECTION- 3 PORTS -INSTR. CONN /DRAIN PORT / BLEED PORT            |                          |  |      |                               |      |              |                                                                                       |                           |
| P28                                                                             | 1/2" NPT (F)             |  | P24  | 1/4" NPT (F)                  |      | P23          |                                                                                       | 1/4" BSP (F)              |
| P03                                                                             | 1/4" BSP (M)             |  | P05  | 3/8" BSP (M)                  |      | P20          | M20X1.5mm (M)                                                                         |                           |
|                                                                                 |                          |  |      |                               | P27  | 1/2" BSP (F) |                                                                                       |                           |
|                                                                                 |                          |  |      |                               | P04  | 1/4" NPT (M) |                                                                                       |                           |
|                                                                                 |                          |  |      |                               | P08  | 1/2" NPT (M) |                                                                                       |                           |
| PROCESS CONNECTION                                                              |                          |  |      |                               |      |              |                                                                                       |                           |
| P28                                                                             | 1/2" NPT (F)             |  | P24  | 1/4" NPT (F)                  |      | P23          | 1/4" BSP (F)                                                                          |                           |
| P03                                                                             | 1/4" BSP (M)             |  |      | 3/8" BSP (M)                  |      | P20          | M20X1.5mm (M)                                                                         |                           |
|                                                                                 |                          |  |      |                               | P27  | 1/2" BSP (F) |                                                                                       |                           |
|                                                                                 |                          |  |      |                               | P07  | 1/2" BSP (M) |                                                                                       |                           |
| STEM PACKING                                                                    |                          |  |      |                               |      |              |                                                                                       |                           |
| S11                                                                             | PTFE                     |  | S21  | GRAFOIL                       |      |              |                                                                                       |                           |
| OPTIONS                                                                         |                          |  |      |                               |      |              |                                                                                       |                           |
| E90                                                                             | HYDRO TEST CERTIFICATE   |  | E31  | Material test certificate 3.1 |      | E32          | Material test certificate 2.2                                                         |                           |