

# Three-Valve Double Block & Bleed Monoflange

**ORIFICE**

**.187"**

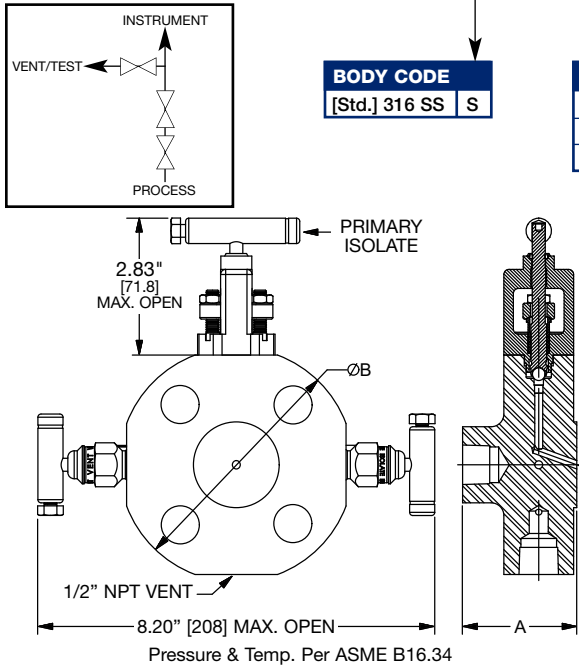
Note: "R" denotes RTJ (Ring Joint Flange) Facings.

| BODY STYLE | SIZE FLANGE IN. | PRESSURE RATING LB. | BODY CODE | SEAT CODE | STEM SEAL CODE OS&Y FIRST ISOLATE | STEM SEAL CODE SECOND ISOLATE & VENT | OPTION CODES |  |  |  |  |  |  |
|------------|-----------------|---------------------|-----------|-----------|-----------------------------------|--------------------------------------|--------------|--|--|--|--|--|--|
| MF3Y       | -               | -                   |           |           |                                   | -                                    | -            |  |  |  |  |  |  |
| MFR3Y      | -               | -                   |           |           |                                   | -                                    | -            |  |  |  |  |  |  |

| BODY CODE     |   | HARD SEAT CODE        |                | HARD SEAT CODE           |                  | HARD SEAT CODE                |   |
|---------------|---|-----------------------|----------------|--------------------------|------------------|-------------------------------|---|
| [Std.] 316 SS | S | C Carbide Ball [Std.] | R Ceramic Ball | G Grafoil® Packed [Std.] | P Teflon® Packed | [Std.] Teflon® Pressure-Core® | T |
|               |   |                       |                |                          |                  | Grafoil® Packed               | G |
|               |   |                       |                |                          |                  | Teflon® Packed                | P |
|               |   |                       |                |                          |                  | Viton® O-Ring                 | V |
|               |   |                       |                |                          |                  | Low-Temp Pressure-Core®       | J |

| BODY STYLE | SIZE FLANGE IN. | PRESSURE RATING LB. | BODY CODE | SEAT CODE | STEM SEAL CODE FIRST ISOLATE | STEM SEAL CODE SECOND ISOLATE & VENT | OPTION CODES |  |  |  |  |  |  |
|------------|-----------------|---------------------|-----------|-----------|------------------------------|--------------------------------------|--------------|--|--|--|--|--|--|
| MF3        | -               | -                   |           |           |                              | -                                    | -            |  |  |  |  |  |  |
| MFR3       | -               | -                   |           |           |                              | -                                    | -            |  |  |  |  |  |  |

| BODY CODE     |   | HARD SEAT CODE        |                | HARD SEAT CODE                |   |
|---------------|---|-----------------------|----------------|-------------------------------|---|
| [Std.] 316 SS | S | C Carbide Ball [Std.] | R Ceramic Ball | [Std.] Teflon® Pressure-Core® | T |
|               |   |                       |                | Grafoil® Packed               | G |
|               |   |                       |                | Teflon® Packed                | P |
|               |   |                       |                | Viton® O-Ring                 | V |
|               |   |                       |                | Low-Temp Pressure-Core®       | J |



| OPTION DESCRIPTION   | OPTION CODE |
|--|-------------|
| 1/2" Male Pipe Socket Weld (Instrument)                            | AM8         |
| Anti-Tamper Bonnet (All Positions)                                 | GA          |
| Anti-Tamper Bonnet (Isolate Only)                                  | GC          |
| Anti-Tamper Bonnet (Vent Valve Only)                               | GE          |
| Bonnet Lock-Out (All Positions - Lock Not Provided - Not for OS&Y) | GJ          |
| Bonnet Lock-Out (Isolate Only - Lock Not Provided - Not for OS&Y)  | GK          |
| Bonnet Lock-Out (Vent Valve Only - Lock Not Provided)              | GM          |
| 1/4" Hex Head Pipe Plug in Vent/Test Port                          | P9          |
| Safety Bonnet Lock Plate   | W           |
| Paper Tag  | WK          |
| 316 SS Tag   | W1          |
| Clean for Critical Service (Oxygen or Chlorine)                    | XL          |

| SIZE IN. | RATING LB. | DIMENSIONS, INCHES [mm] |         |      |      |     |       | WEIGHT LB. [KG] | SIZE IN. | RATING LB. | DIMENSIONS, INCHES [mm] |         |      |      |      |       | WEIGHT LB. [KG] |      |      |   |          |      |      |      |      |       |       |      |      |
|----------|------------|-------------------------|---------|------|------|-----|-------|-----------------|----------|------------|-------------------------|---------|------|------|------|-------|-----------------|------|------|---|----------|------|------|------|------|-------|-------|------|------|
|          |            | A - RF                  | A - RTJ | B    |      |     |       |                 |          |            | A - RF                  | A - RTJ | B    |      |      |       |                 |      |      |   |          |      |      |      |      |       |       |      |      |
| 1/2      | 150        | 2.25                    | [57]    | —    | —    | 3.5 | [89]  | 3.5             | 1.6      | 1          | 600                     | 2.44    | [62] | 2.44 | [62] | 4.9   | [124]           | 7.5  | 3.4  | 1 | 900/1500 | 2.44 | [62] | 2.44 | [62] | 5.9   | [150] | 11.8 | 5.4  |
| 1/2      | 300        | 2.25                    | [57]    | 2.41 | [61] | 3.8 | [96]  | 4.1             | 1.9      | 1          | 2500                    | 2.44    | [62] | 2.44 | [62] | 6.3   | [159]           | 13.5 | 6.1  |   |          | 2.44 | [62] | 2.44 | [62] | 6.3   | [159] | 13.5 | 6.1  |
| 1/2      | 600        | 2.44                    | [62]    | 2.41 | [61] | 4.8 | [121] | 7.1             | 3.2      | 1-1/2      | 150                     | 2.25    | [57] | 2.44 | [62] | 5.0   | [127]           | 8.0  | 3.6  |   |          | 2.25 | [57] | 2.44 | [62] | 6.1   | [156] | 12.8 | 5.8  |
| 1/2      | 2500       | 2.44                    | [62]    | 2.44 | [62] | 5.3 | [134] | 9.6             | 4.4      | 1-1/2      | 300                     | 2.25    | [57] | 2.44 | [62] | 6.1   | [156]           | 12.8 | 5.8  |   |          | 2.25 | [57] | 2.44 | [62] | 6.1   | [156] | 12.8 | 5.8  |
| 3/4      | 150        | 2.25                    | [57]    | —    | —    | 3.9 | [99]  | 4.2             | 1.9      | 1-1/2      | 600                     | 2.44    | [62] | 2.44 | [62] | 6.1   | [156]           | 12.8 | 5.8  |   |          | 2.44 | [62] | 2.44 | [62] | 7.0   | [178] | 17.0 | 7.7  |
| 3/4      | 300        | 2.25                    | [57]    | 2.44 | [62] | 4.6 | [118] | 6.6             | 3.0      | 1-1/2      | 900/1500                | 2.44    | [62] | 2.44 | [62] | 7.0   | [178]           | 17.0 | 7.7  |   |          | 2.44 | [62] | 2.44 | [62] | 7.0   | [178] | 17.0 | 7.7  |
| 3/4      | 600        | 2.44                    | [62]    | 2.44 | [62] | 4.6 | [118] | 6.6             | 3.0      | 1-1/2      | 2500                    | 2.81    | [71] | 2.87 | [73] | 8.0   | [203]           | 24.9 | 11.3 |   |          | 2.81 | [71] | 2.87 | [73] | 8.0   | [203] | 24.9 | 11.3 |
| 3/4      | 900/1500   | 2.44                    | [62]    | 2.44 | [62] | 5.1 | [130] | 8.2             | 3.7      | 2          | 150                     | 2.25    | [57] | 2.44 | [62] | 6.0   | [153]           | 12.4 | 5.6  |   |          | 2.25 | [57] | 2.44 | [62] | 6.0   | [153] | 12.4 | 5.6  |
| 3/4      | 2500       | 2.44                    | [62]    | 2.44 | [62] | 5.5 | [140] | 9.5             | 2.0      | 2          | 300                     | 2.25    | [57] | 2.50 | [64] | 6.5   | [165]           | 19.6 | 6.6  |   |          | 2.25 | [57] | 2.50 | [64] | 6.5   | [165] | 19.6 | 6.6  |
| 1        | 150        | 2.25                    | [57]    | 2.44 | [62] | 4.3 | [108] | 5.1             | 2.3      | 2          | 600                     | 2.44    | [62] | 2.50 | [64] | 6.5   | [165]           | 14.6 | 6.6  |   |          | 2.44 | [62] | 2.50 | [64] | 6.5   | [165] | 14.6 | 6.6  |
| 1        | 300        | 2.25                    | [57]    | 2.44 | [62] | 4.9 | [124] | 7.5             | 3.4      | 2          | 900/1500                | 2.56    | [65] | 2.62 | [67] | 8.5   | [216]           | 28.2 | 12.8 |   |          | 2.56 | [65] | 2.62 | [67] | 8.5   | [216] | 28.2 | 12.8 |
|          |            |                         |         |      |      |     |       |                 |          | 2          | 2500                    | 3.06    | [78] | —    | —    | 9.393 | [235]           | 43.0 | 20.0 |   |          | 3.06 | [78] | —    | —    | 9.393 | [235] | 43.0 | 20.0 |

BLOCK & BLEED MONOFLANGE