



Dimensions (mm)

| NPS    | DN | A   | B  | BSP    | D   | E  | F  | Ra  | Rb  | T X T   | H    | H1 | Torque(N.M) |
|--------|----|-----|----|--------|-----|----|----|-----|-----|---------|------|----|-------------|
| 1/4"   | 8  | 72  | 10 | 1/4"   | 100 | 36 | 42 | 3.0 | 3.0 | 9 X 9   | 43   | 9  | 20          |
| 3/8"   | 10 | 72  | 12 | 3/8"   | 100 | 36 | 42 | 3.0 | 3.0 | 9 X 9   | 43   | 9  | 20          |
| 1/2"   | 15 | 72  | 12 | 1/2"   | 120 | 36 | 42 | 3.0 | 3.0 | 9 X 9   | 43   | 9  | 20          |
| 3/4"   | 20 | 87  | 15 | 3/4"   | 140 | 36 | 50 | 3.0 | 3.5 | 9 X 9   | 46   | 9  | 22          |
| 1"     | 25 | 92  | 20 | 1"     | 150 | 42 | 50 | 3.0 | 3.5 | 11 X 11 | 57.5 | 9  | 28          |
| 1 1/4" | 32 | 124 | 25 | 1 1/4" | 165 | 42 | 50 | 3.0 | 3.5 | 11 X 11 | 64   | 9  | 45          |
| 1 1/2" | 40 | 139 | 32 | 1 1/2" | 190 | 50 | 70 | 3.5 | 4.5 | 14 X 14 | 75   | 13 | 55          |
| 2"     | 50 | 154 | 38 | 2"     | 220 | 50 | 70 | 3.5 | 4.5 | 14 X 14 | 78   | 13 | 70          |

| No. | PART             | QTY. | MATERIAL          |
|-----|------------------|------|-------------------|
| 1   | Body             | 1    | ASTM A351 CF8M    |
| 2   | Ball             | 1    | ASTM A351 CF8M    |
| 3   | Seat             | 4    | PTFE              |
| 4   | Gasket           | 3    | PTFE              |
| 5   | Bonnet           | 3    | ASTM A351 CF8M    |
| 6   | Stem             | 1    | ASTM A276 316     |
| 7   | Stem Washer      | 1    | PPL               |
| 8   | Packing          | 3    | PTFE              |
| 9   | Graphite Packing | 1    | Flexible Graphite |
| 10  | Gland            | 1    | SS304             |
| 11  | Dish Spring      | 1    | SS304             |
| 12  | Nut              | 1    | ASTM A194 8       |
| 13  | Locktor          | 1    | SS304             |
| 14  | Handle           | 1    | SS201             |
| 15  |                  |      |                   |
| 16  |                  |      |                   |
| 17  |                  |      |                   |
| 18  |                  |      |                   |
| 19  |                  |      |                   |
| 20  |                  |      |                   |

| Drawing No.  | Date         | Figure No. | Rev No. |
|--|--------------|------------|---------|
| AN   | Aug 30, 2012 | ARB36T     | 001     |
| Ball Valve , T-Port , 1000WOG , ISO5211 Mounting Pad |              |            |         |

