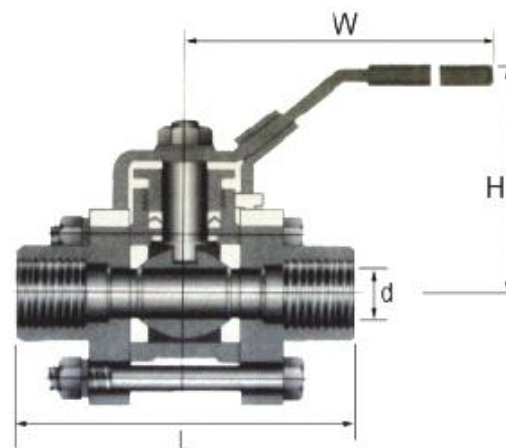


V3: Full Port Ball Valve Specifications



| Model: V3 Specifications | | | | | | | | | | | | |
|---|----|------|------|------|------|------|--------|--------|------|--------|------|-------|
| Maximum Operating Pressure: 1/2" to 2" 1000 PSI @ 100°F WOG* 2 1/2" to 3" 800 PSI @ 100°F WOG* | | | | | | | | | | | | |
| Temperature Range: -60 to 450°F* | | | | | | | | | | | | |
| Full Port | | | | | | | | | | | | |
| End Connections: FNPT | | | | | | | | | | | | |
| Mounting Options: Padlocking device and actuator mounting bracket | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Dimensions (mm) | | | | | | | | | | | | |
| SIZE | | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
| d | mm | 12.5 | 12.5 | 15 | 20 | 25 | 30 | 38 | 50 | 64 | 80 | 98 |
| | in | 0.49 | 0.49 | 0.59 | 0.79 | 0.98 | 1.18 | 1.5 | 1.97 | 2.52 | 3.15 | 3.86 |
| H | mm | 57 | 57 | 68 | 70 | 80 | 84 | 93 | 100 | 142 | 155 | 172 |
| | in | 2.24 | 2.24 | 2.68 | 2.76 | 3.15 | 3.31 | 3.66 | 3.94 | 5.59 | 6.1 | 6.77 |
| W | mm | 96 | 96 | 124 | 124 | 142 | 142 | 202 | 202 | 250 | 250 | 300 |
| | in | 3.78 | 3.78 | 4.88 | 4.88 | 5.99 | 5.99 | 7.95 | 7.95 | 9.84 | 9.84 | 11.81 |
| L | mm | 68 | 68 | 72 | 83 | 90 | 112 | 120 | 147 | 174 | 193 | 216 |
| | in | 2.56 | 2.56 | 2.84 | 3.35 | 3.62 | 4.33 | 4.48 | 5.59 | 6.85 | 7.6 | 8.5 |

| Main Parts and Materials | | | |
|--------------------------|--------------------------------|----------------|------|
| No | Part Name | Material | Qty |
| 1 | SEAT | PTFE | 2 |
| 2 | BALL | SS316 | 1 |
| 3 | JOINT GASKET | PTFE | 1 |
| 4 | CAP | SS316 | 1 |
| 5 | BODY, BODY CONNECTOR | SS316/ CF8M | 1, 2 |
| 6 | STEM | SS316 | 1 |
| 7 | THRUST WASHER | PTFE | 1 |
| 8 | STEM PACKING | PTFE | 1 |
| 9 | GLAND NUT | SS304 | 1 |
| 10 | STEM WASHER | SS304 | 1 |
| 11 | STEM NUT | SS304 | 1 |
| 12 | HANDLE COVER | PLASTIC | 1 |
| 13 | HANDLE | SS304 | 1 |
| 14 | BODY CONNECTOR BOLT | SS304 | 4 |
| 15 | BODY CONNECTOR NUT & WASHER | SS304 | 4 |