

# L250 Two Piece Full Port Ball Valve

Size Range 1/4" - 4" ( DN08 - DN100 )

Pressure Rating 1000 PSI

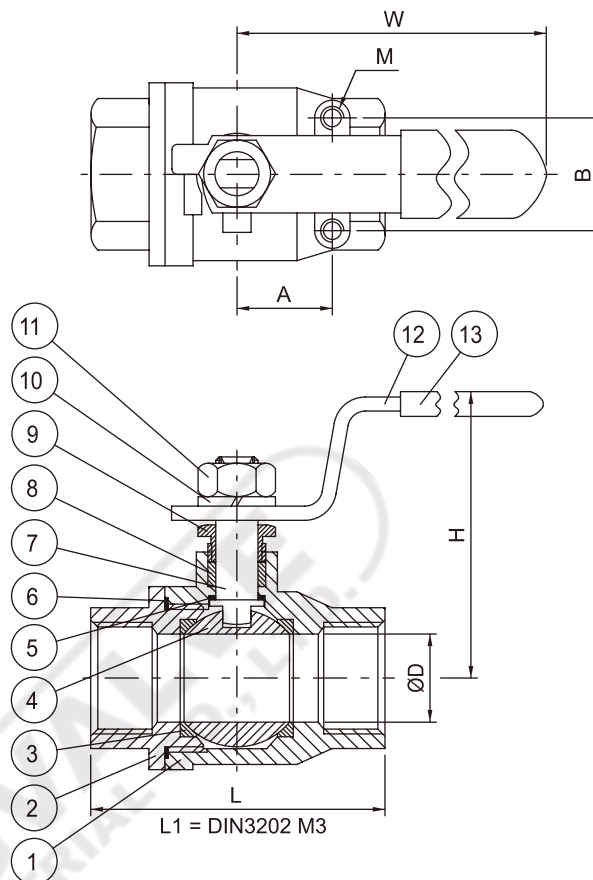
Materials Stainless Steel, Carbon Steel

End Connection Threaded

Service Application Water, Oil, Gas, Thermal Fluid, Chemicals and others

Certifications ISO 9001, PED 97/23/EC

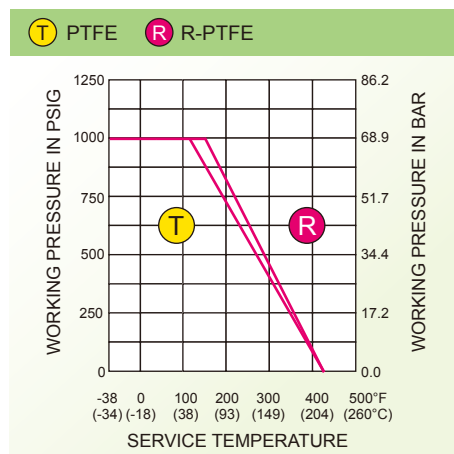
Operation Manual



## MATERIAL LIST:

| ITEM | DESCRIPTION   | STAINLESS STEEL    | CARBON STEEL      | Q'TY |
|------|---------------|--------------------|-------------------|------|
| 1    | BODY          | ASTM A351 CF8M     | ASTM A216 WCB     | 1    |
| 2    | BODY CAP      | ASTM A351 CF8M     | ASTM A216 WCB     | 1    |
| 3    | SEAT          | PTFE               | PTFE              | 2    |
| 4    | BALL          | ASTM A351 CF8M/316 | ASTM A351 CF8/304 | 1    |
| 5    | THRUST WASHER | PTFE               | PTFE              | 1    |
| 6    | BODY GASKET   | PTFE               | PTFE              | 1    |
| 7    | STEM          | ASTM A276 316      | ASTM A276 304     | 1    |
| 8    | STEM PACKING  | PTFE               | PTFE              | 1-3  |
| 9    | GLAND         | AISI 304           | AISI 304          | 1    |
| 10   | SPRING WASHER | AISI 304           | AISI 304          | 1    |
| 11   | HANDLE NUT    | AISI 304           | AISI 304          | 1    |
| 12   | HANDLE        | AISI 304           | ZINC PLATED STEEL | 1    |
| 13   | SLEEVE        | VINYL PLASTISOL    | VINYL PLASTISOL   | 1    |

## P-T RATINGS



## DIMENSIONS:

| SIZE   |     | ØD   |       | L    |     | L1   |     | H    |     | W     |     | A    |      | B    |      | M          | Weights |
|--------|-----|------|-------|------|-----|------|-----|------|-----|-------|-----|------|------|------|------|------------|---------|
| IN     | DN  | IN   | MM    | IN   | MM  | IN   | MM  | IN   | MM  | IN    | MM  | IN   | MM   | IN   | MM   |            | KG      |
| 1/4"   | 8   | 0.43 | 11.0  | 2.32 | 59  | 2.56 | 65  | 2.24 | 57  | 3.54  | 90  | 0.50 | 12.7 | 1.12 | 28.5 | 10-24UNC   | 0.3     |
| 3/8"   | 10  | 0.49 | 12.5  | 2.32 | 59  | 2.56 | 65  | 2.24 | 57  | 3.54  | 90  | 0.50 | 12.7 | 1.12 | 28.5 | 10-24UNC   | 0.3     |
| 1/2"   | 15  | 0.59 | 15.0  | 2.40 | 61  | 2.95 | 75  | 2.24 | 57  | 3.54  | 90  | 0.50 | 12.7 | 1.12 | 28.5 | 10-24UNC   | 0.4     |
| 3/4"   | 20  | 0.79 | 20.0  | 2.87 | 73  | 3.15 | 80  | 2.83 | 72  | 4.09  | 104 | 0.87 | 22.1 | 1.38 | 35.0 | 10-24UNC   | 0.6     |
| 1"     | 25  | 1.00 | 25.4  | 3.35 | 85  | 3.54 | 90  | 3.07 | 78  | 6.06  | 154 | 0.93 | 23.6 | 1.38 | 35.0 | 10-24UNC   | 1.0     |
| 1 1/4" | 32  | 1.26 | 32.0  | 3.82 | 97  | 4.33 | 110 | 3.31 | 84  | 6.06  | 154 | 0.93 | 23.6 | 1.50 | 38.1 | 1/4"-20UNC | 1.4     |
| 1 1/2" | 40  | 1.50 | 38.0  | 4.53 | 115 | 4.72 | 120 | 3.39 | 86  | 6.61  | 168 | 0.93 | 23.6 | 1.50 | 38.1 | 1/4"-20UNC | 2.0     |
| 2"     | 50  | 1.97 | 50.0  | 5.28 | 134 | 5.51 | 140 | 3.78 | 96  | 6.61  | 168 | 0.93 | 23.6 | 1.50 | 38.1 | 1/4"-20UNC | 3.4     |
| 2 1/2" | 65  | 2.56 | 65.0  | 6.54 | 166 | 7.28 | 185 | 5.20 | 132 | 10.43 | 265 | NA   | NA   | NA   | NA   | NA         | 6.5     |
| 3"     | 80  | 3.15 | 80.0  | 7.44 | 189 | 8.07 | 205 | 5.63 | 143 | 10.43 | 265 | NA   | NA   | NA   | NA   | NA         | 9.8     |
| 4"     | 100 | 3.94 | 100.0 | 9.09 | 231 | 9.45 | 240 | 6.69 | 170 | 11.02 | 280 | NA   | NA   | NA   | NA   | NA         | 20.3    |