

# L610 Flanged Full Port Ball Valve

Size Range 1/2" - 4" ( DN15 - DN100 )

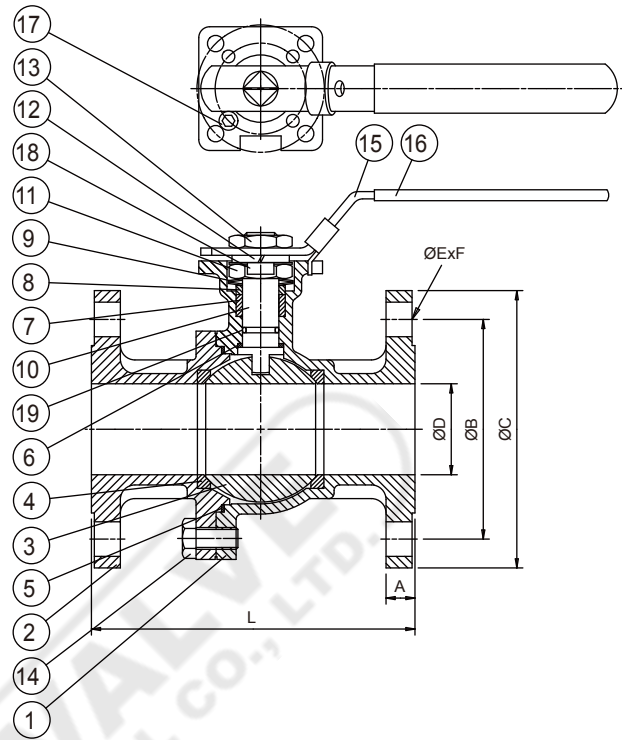
Pressure Rating ANSI Class150

Materials Stainless Steel, Carbon Steel

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

Certifications ISO 9001, PED 97/23/EC

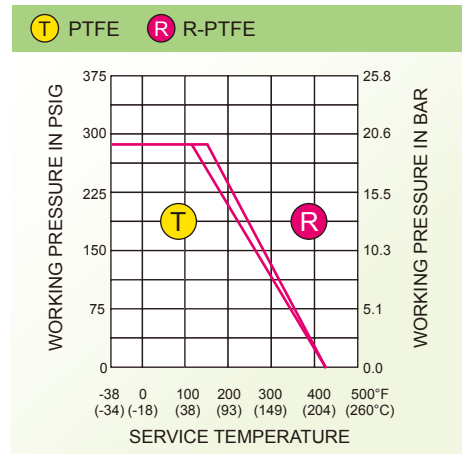
Operation Manual or Actuated



## 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    | BALL              | ASTM A351 CF8M/316 | ASTM A351 CF8/316 | 1    |
| 4    | SEAT              | PTFE               | PTFE              | 2    |
| 5    | BODY GASKET       | PTFE               | PTFE              | 1    |
| 6    | THRUST WASHER     | PTFE               | PTFE              | 1    |
| 7    | STEM PAVKING      | PTFE               | PTFE              | 1-3  |
| 8    | GLAND             | AISI 304           | AISI 304          | 1    |
| 9    | BELLEVILLE WASHER | AISI 301           | AISI 301          | 2    |
| 10   | STEM              | ASTM A276 316      | ASTM A276 316     | 1    |
| 11   | GLAND NUT         | AISI 304           | AISI 304          | 1    |
| 12   | SPRING WASHER     | AISI 304           | AISI 304          | 1    |
| 13   | HANDLE NUT        | AISI 304           | AISI 304          | 1    |
| 14   | BODY BOLT         | ASTM A276 B8       | ASTM A276 B7      | 4-8  |
| 15   | HANDLE            | AISI 304           | ZINC PLATED STEEL | 1    |
| 16   | SLEEVE            | VINYL PLASTISOL    | VINYL PLASTISOL   | 1    |
| 17   | STOP PIN          | AISI 304           | CARBON STEEL      | 1    |
| 18   | LOCK CLIP         | AISI 304           | AISI 304          | 1    |
| 19   | STEM O-RING       | VITON              | VITON             | 1    |

## P-T RATINGS



## DIMENSIONS:

| SIZE   |     | ØD   |     | L    |     | A    |      | ØB   |       | ØC   |       | G    |    | ØE   |      | F | ISO 5211 | Weights KG |
|--------|-----|------|-----|------|-----|------|------|------|-------|------|-------|------|----|------|------|---|----------|------------|
| IN     | DN  | IN   | MM  | IN   | MM  | IN   | MM   | IN   | MM    | IN   | MM    | IN   | MM | IN   | MM   |   |          |            |
| 1/2"   | 15  | 0.59 | 15  | 4.25 | 108 | 0.44 | 11.2 | 2.38 | 60.5  | 3.50 | 88.9  | 0.35 | 9  | 0.62 | 15.8 | 4 | F03-F04  | 1.6        |
| 3/4"   | 20  | 0.79 | 20  | 4.62 | 117 | 0.44 | 11.2 | 2.75 | 69.9  | 3.88 | 98.6  | 0.35 | 9  | 0.62 | 15.8 | 4 | F03-F04  | 2.0        |
| 1"     | 25  | 0.98 | 25  | 5.00 | 127 | 0.44 | 11.2 | 3.12 | 79.2  | 4.25 | 108.0 | 0.43 | 11 | 0.62 | 15.8 | 4 | F04-F05  | 3.1        |
| 1 1/2" | 40  | 1.57 | 40  | 6.50 | 165 | 0.56 | 14.2 | 3.88 | 98.6  | 5.00 | 127.0 | 0.55 | 14 | 0.62 | 15.8 | 4 | F05-F07  | 5.8        |
| 2"     | 50  | 1.97 | 50  | 7.00 | 178 | 0.62 | 15.8 | 4.75 | 120.7 | 6.00 | 152.4 | 0.55 | 14 | 0.75 | 19.1 | 4 | F05-F07  | 8.3        |
| 2 1/2" | 65  | 2.56 | 65  | 7.50 | 191 | 0.69 | 17.5 | 5.50 | 139.7 | 7.00 | 177.8 | 0.67 | 17 | 0.75 | 19.1 | 4 | F07-F10  | 10.0       |
| 3"     | 80  | 3.15 | 80  | 8.00 | 203 | 0.75 | 19.1 | 6.00 | 152.4 | 7.50 | 190.5 | 0.67 | 17 | 0.75 | 19.1 | 4 | F07-F10  | 18.2       |
| 4"     | 100 | 3.94 | 100 | 9.00 | 229 | 0.94 | 23.9 | 7.50 | 190.5 | 9.00 | 228.6 | 0.87 | 22 | 0.75 | 19.1 | 8 | F10-F12  | 29.7       |