

# V2 SERIES

2 PIECE FULL BORE BSP LEVER OPERATED  
316 STAINLESS STEEL BALL VALVE



## ADVANTAGES

- ▷ SS316 body, cap & ball.
- ▷ Full bore.
- ▷ Threaded BSPP.
- ▷ Internal entry blow-out proof stem.
- ▷ Lever handle with locking device.



## TECHNICAL DATA

|                 |                        |
|-----------------|------------------------|
| Size Range      | DN8 - DN50 (1/4" - 4") |
| Pressure Rating | 1000 PSI W.O.G         |
| Pressure Test   | API598                 |

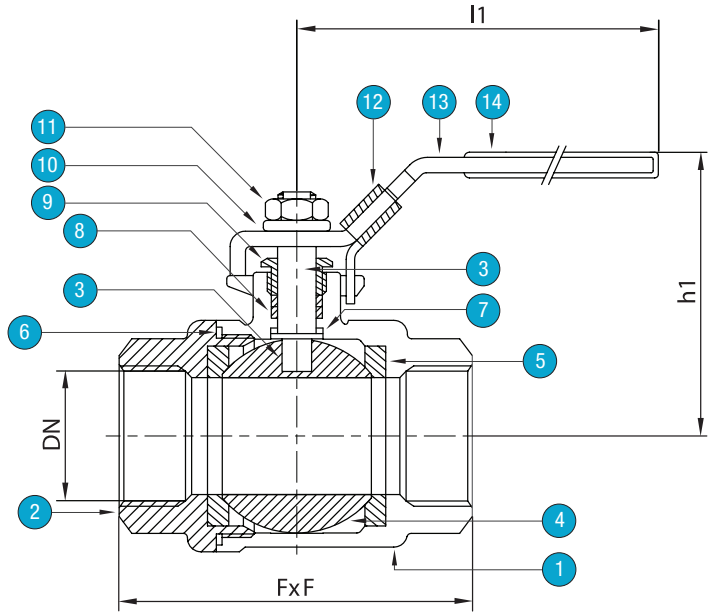
# V2 SERIES

## BALL VALVE

### MATERIAL SPECIFICATIONS & PARTS LIST

| NO. | DESCRIPTION    | MATERIAL |
|-----|----------------|----------|
| 1   | Body           | CF8M     |
| 2   | Cap            | CF8M     |
| 3   | Stem           | SS316    |
| 4   | Ball           | CF8M     |
| 5   | Seat           | PTFE     |
| 6   | Joint Gasket   | PTFE     |
| 7   | Thrust Washer  | PTFE     |
| 8   | Stem Packing   | PTFE     |
| 9   | Gland Nut      | SS304    |
| 10  | Spring Washer  | SS304    |
| 11  | Stem Nut       | SS304    |
| 12  | Locking Device | SS304    |
| 13  | Handle         | SS304    |
| 14  | Handle Sleeve  | Plastic  |

### DIMENSIONAL DRAWING



### DIMENSIONS (MM)

| V1 DN8 - DN50 |        |       |      |     |           |              |             |
|---------------|--------|-------|------|-----|-----------|--------------|-------------|
| DN            | NPS    | FxF   | h1   | l1  | CV Factor | Torque (N.m) | Weight (kg) |
| 8             | 1/4"   | 40    | 42   | 81  | 6         | 5            | 0.2         |
| 10            | 3/8"   | 42.3  | 46.5 | 80  | 7         | 5            | 0.2         |
| 15            | 1/2"   | 50    | 52   | 88  | 10        | 5            | 0.3         |
| 20            | 3/4"   | 60    | 55   | 95  | 25        | 8            | 0.4         |
| 25            | 1"     | 70    | 65   | 120 | 35        | 12           | 0.6         |
| 32            | 1 1/4" | 84    | 70   | 120 | 46        | 18           | 1.0         |
| 40            | 1 1/2" | 90    | 86   | 150 | 80        | 22           | 1.3         |
| 50            | 2"     | 106   | 95   | 50  | 110       | 26           | 2.5         |
| 65            | 2 1/2" | 139.5 | 130  | 220 | 310       | 49           | 4.8         |
| 80            | 3"     | 166   | 144  | 244 | 360       | 76           | 7.5         |
| 100           | 4"     | 240   | 159  | 275 | 820       | 108          | 17.1        |

### PRESSURE RATINGS

