



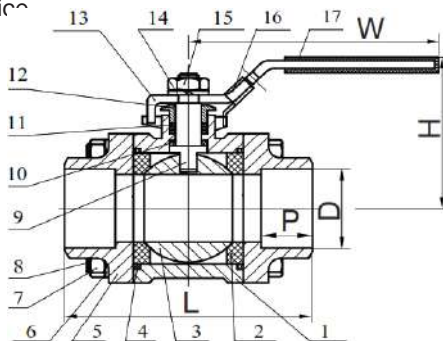
## Art903SW

### PN82 Stainless Steel 3 Piece Ball Valve (Socket Weld)



#### Features

- Socket Weld Ends
- Full bore
- Locking device



#### Technical data

Max pressure:  $\frac{1}{4}" - 1"$  82 Bar  
 $1\frac{1}{4}" - 1\frac{1}{2}"$  69 Bar  
 $2" - 3"$  62 Bar

Working temp:  $-25^{\circ}\text{C}$  to  $+200^{\circ}\text{C}$

| DN     | 1/4" | 3/8"  | 1/2"  | 3/4"  | 1"    | 1 1/4" | 1 1/2" | 2"     | 2 1/2" | 3"     |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| D      | 14.0 | 17.6  | 21.7  | 27.3  | 34.1  | 42.8   | 48.7   | 61.0   | 77.0   | 90.0   |
| P      | 10   | 10    | 10    | 13    | 13    | 13     | 13     | 16     | 16     | 16     |
| L      | 50   | 60    | 75    | 80    | 90    | 110    | 120    | 140    | 185    | 205    |
| H      | 51   | 51    | 53    | 60    | 75    | 80     | 88     | 95     | 121    | 135    |
| W      | 105  | 105   | 118   | 118   | 150   | 150    | 182    | 182    | 254    | 254    |
| Torque | 4    | 4     | 5     | 8     | 10    | 14     | 18     | 25     | 48     | 75     |
| Kv     | 6.43 | 15.71 | 26.19 | 34.42 | 53.87 | 78.56  | 127.20 | 205.16 | 379.35 | 677.14 |
| Kgs    | 0.37 | 0.37  | 0.52  | 0.71  | 1.01  | 1.72   | 2.33   | 3.75   | 7.63   | 11.75  |

| N. | Part Name     | Materials           |
|----|---------------|---------------------|
| 1  | Body          | CF8M                |
| 2  | Ball Seat     | R-PTFE (15%)        |
| 3  | Ball          | Stainless Steel 316 |
| 4  | Body Gasket   | PTFE                |
| 5  | Cap           | CF8M                |
| 6  | Spring Washer | Stainless Steel 304 |
| 7  | Nut           | Stainless Steel 304 |
| 8  | Bolt          | Stainless Steel 304 |
| 9  | Stem          | Stainless Steel 316 |
| 10 | Thrust Washer | PTFE                |
| 11 | Stem Packing  | PTFE                |
| 12 | Gland Nut     | Stainless Steel 304 |
| 13 | Handle        | Stainless Steel 304 |
| 14 | Spring Washer | Stainless Steel 304 |
| 15 | Nut           | Stainless Steel 304 |
| 16 | Lock Device   | Stainless Steel 304 |
| 17 | Handle Cover  | Plastic             |

