

# X3777 S

Ball valve

Shut off system

## Technical Data Sheet



## Description

The Ball valve X3777S can equip all types of installations. it's a ball valves particularly suitable for smaller sizes.

- 3-piece ball valve
- Full bore
- Handle can be locked in open or closed position



### X3777 S

Ball valve - Shut off system

| DN    |     | PFA<br>in bar | PS in bar |    |     |    | Cat. | Ref.              | Weight<br>Kg |
|-------|-----|---------------|-----------|----|-----|----|------|-------------------|--------------|
| "     | mm  |               | L1        | L2 | G1  | G2 |      |                   |              |
| 1/4   | 8   | 63            | 63        | 63 | 63  | 63 | 4.3  | <b>149B12526S</b> | 0,40         |
| 3/8   | 10  | 63            | 63        | 63 | 63  | 63 | 4.3  | <b>149B12527S</b> | 0,42         |
| 1/2   | 15  | 63            | 63        | 63 | 63  | 63 | 4.3  | <b>149B12528S</b> | 0,45         |
| 3/4   | 20  | 63            | 63        | 63 | 63  | 63 | 4.3  | <b>149B12529S</b> | 0,73         |
| 1     | 25  | 63            | 63        | 63 | 63  | 63 | 4.3  | <b>149B12530S</b> | 1,04         |
| 1 1/4 | 32  | 63            | 63        | 63 | 0,5 | 63 | 4.3  | <b>149B12531S</b> | 1,65         |
| 1 1/2 | 40  | 63            | 63        | 63 | 0,5 | 25 | 4.3  | <b>149B12532S</b> | 2,43         |
| 2     | 50  | 40            | 40        | 40 | 0,5 | 20 | 4.3  | <b>149B12533S</b> | 3,52         |
| 2 1/2 | 65  | 25            | 25        | 25 | 0,5 | 15 | 4.3  | <b>149B12534S</b> | 7,14         |
| 3     | 80  | 25            | 25        | 25 | 0,5 | 12 | 4.3  | <b>149B12535S</b> | 11,85        |
| 4     | 100 | 25            | 20        | 25 | 0,5 | 10 | 4.3  | <b>149B12536S</b> | 20,05        |

#### Important notice :

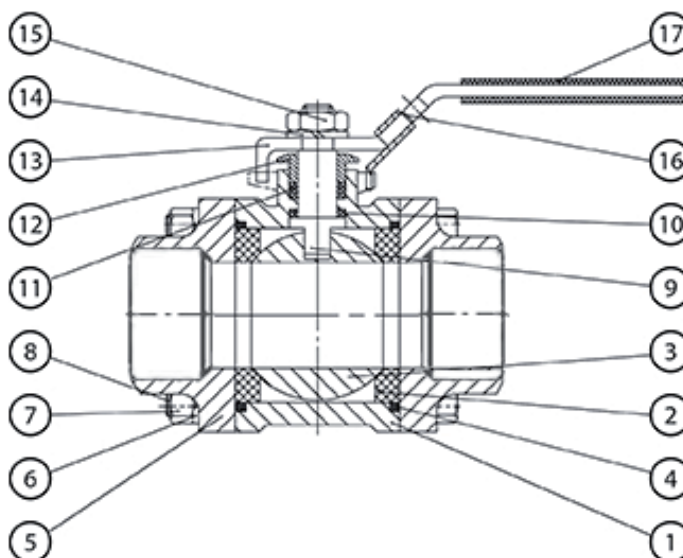
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

#### Technical features

|                                                 |                                                            |
|-------------------------------------------------|------------------------------------------------------------|
| Operating temperature                           | -25°C to 180°C                                             |
| Permissible operating pressure (PFA) in water   | See table above and Pressure/Temperature diagram           |
| Maximum permissible pressure (PS) other mediums | See table above and Pressure/Temperature diagram (L1 only) |
| Connection                                      | Socket welding                                             |
| Mediums                                         | Various fluids, water                                      |

#### Nomenclature and materials

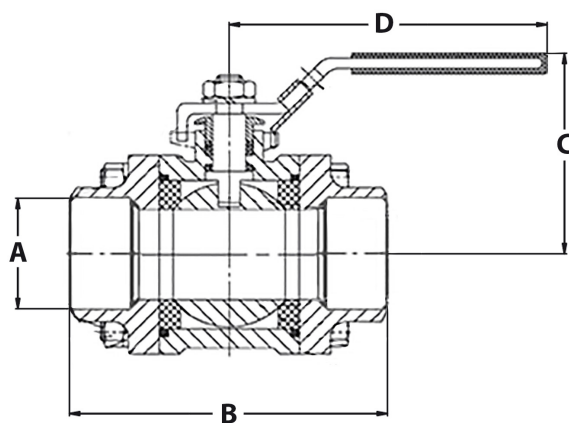
| N° | Description   | Materials |
|----|---------------|-----------|
| 1  | Body          | CF8M      |
| 2  | Ball Seat     | R-PTFE    |
| 3  | Ball          | SS316     |
| 4  | Body gasket   | PTFE      |
| 5  | Cap           | CF8M      |
| 6  | Spring Washer | SS304     |
| 7  | Nut           | SS304     |
| 8  | Bolt          | SS304     |
| 9  | Stem          | SS316     |
| 10 | Thrust washer | PTFE      |
| 11 | Stem packing  | PTFE      |
| 12 | Gland nut     | SS304     |
| 13 | Handle        | SS304     |
| 14 | Spring washer | SS304     |
| 15 | Nut           | SS304     |
| 16 | Lock device   | SS304     |
| 17 | Handle cover  | Plastic   |





## Sizing

| DN    |     | A    | B   | C   | D   |
|-------|-----|------|-----|-----|-----|
| "     | mm  | mm   | mm  | mm  | mm  |
| 1/4   | 8   | 11   | 50  | 51  | 105 |
| 3/8   | 10  | 12,5 | 60  | 51  | 105 |
| 1/2   | 15  | 15   | 75  | 53  | 118 |
| 3/4   | 20  | 20   | 80  | 60  | 118 |
| 1     | 25  | 25   | 90  | 75  | 150 |
| 1 1/4 | 32  | 32   | 110 | 80  | 150 |
| 1 1/2 | 40  | 40   | 120 | 88  | 182 |
| 2     | 50  | 50   | 140 | 95  | 182 |
| 2 1/2 | 65  | 65   | 185 | 121 | 254 |
| 3     | 80  | 80   | 205 | 135 | 254 |
| 4     | 100 | 100  | 240 | 158 | 285 |



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