



Manufacturer of shut-off and control valves

TECHNICAL DATA SHEET

**Ball valve ELEPHANT BV3232P-SP-T-H DN8-65 63 bar
stainless steel, standard bore, threaded, with handle**



+34 900 433 073, sales@valveelephant.com
Carrer d'Aragó, 264, 3-1, 08007 Barcelona, Spain

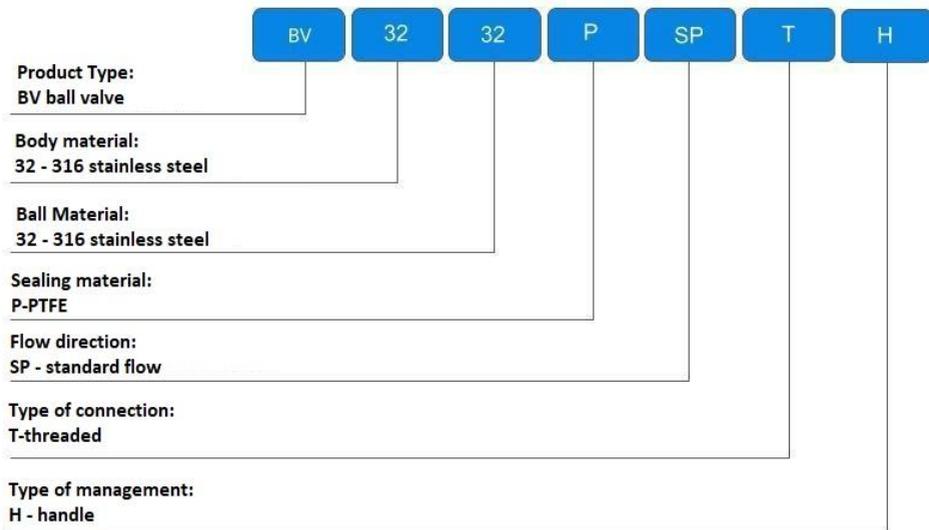
1. GENERAL INFORMATION ABOUT THE PRODUCT

1.1 Product name: Ball valve ELEPHANT BV3232P-SP-T-H DN8-65 63 bar stainless steel, standard bore, threaded, with handle.

1.2 Purpose: The ball valve is used as a shut-off valve in heat and water supply systems, in steam, fuel and pneumatic systems with compressed air and neutral gases. Installation of valves of this series is possible in systems transporting liquid and gaseous media (water, oil, oils, steam, air, alcohols, glycol, etc.), non-aggressive to the materials of the valve. The use of ball valves as control valves is not allowed.



1.3. Deciphering the designation:



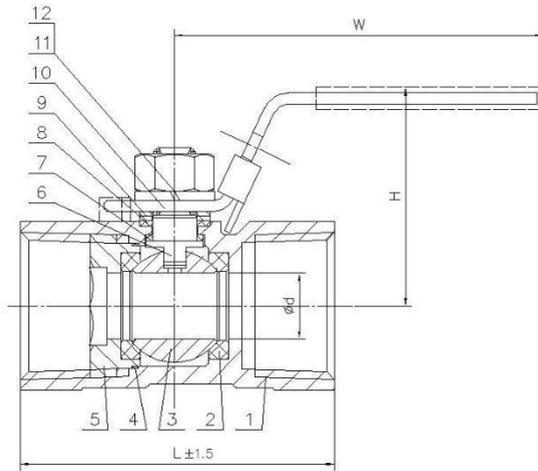
BASIC TECHNICAL DATA AND CHARACTERISTICS

| | |
|----------------------------------|---------------------------------------------|
| Nominal diameter DN, mm | 8 – 65 |
| Nominal pressure PN, bar | 63 |
| Maximum medium temperature t, °C | up to +230 |
| Ambient temperature, °C | -29 to +200 |
| Tightness in the gate | A |
| Working medium | water, steam, oil products and other liquid |
| Connection to pipeline | threaded |
| Control type | manual (handle) |
| Body material | stainless steel CF8M/SS 316 |
| Ball material | stainless steel AISI 316 |
| Ball passage | reduced, standard bore |
| Female thread | BSP |

MATERIAL INFORMATION FOR MAJOR PARTS

| № | Name | Material |
|----|---------------|-----------------------------|
| 1 | Body | stainless steel CF8M/SS 316 |
| 2 | Seat | PTFE |
| 3 | Ball | stainless steel AISI 316 |
| 4 | Gasket | PTFE |
| 5 | Body cap | stainless steel CF8M/SS 316 |
| 6 | Stem | stainless steel AISI 316 |
| 7 | Stem washer | PTFE |
| 8 | Gland | PTFE |
| 9 | Gland cover | stainless steel AISI 304 |
| 10 | Handle | steel + PVC |
| 11 | Spring washer | stainless steel AISI 304 |
| 12 | Nut | stainless steel AISI 304 |



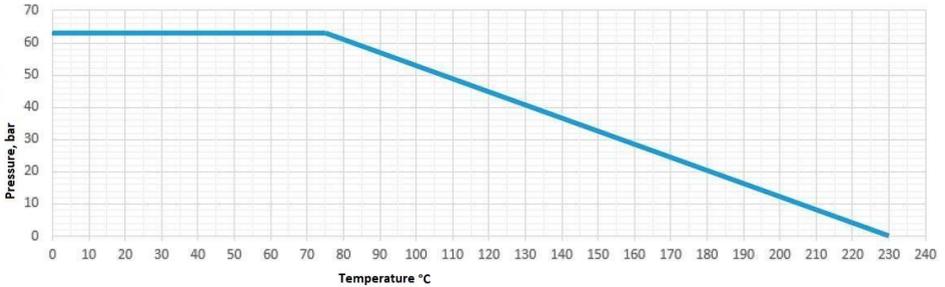


BASIC CRANE DIMENSIONS

| | | | | | | | | | |
|------------|------|------|------|------|------|--------|--------|------|--------|
| DN, mm | 8 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 |
| | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" |
| D, mm | 5 | 7 | 9.2 | 12.5 | 15 | 20 | 25 | 32 | 38 |
| H, mm | 33 | 35 | 40 | 44 | 51 | 57 | 67 | 68 | 95 |
| W, mm | 71 | 93 | 95 | 95 | 113 | 113 | 141 | 141 | 189 |
| L, mm | 39 | 44 | 55 | 59 | 69 | 77 | 81 | 97 | 128 |
| Weight, kg | 0.07 | 0.10 | 0.16 | 0.25 | 0.43 | 0.70 | 0.83 | 1.50 | 2.50 |



TEMPERATURE-PRESSURE DIAGRAM



INSTALLATION AND OPERATION

1. Valves may be installed on pipelines in any position that provides ease of operation and access to the manual actuator.
2. Before installing the valve the pipeline must be cleaned of dirt, sand, scale, etc.
3. In accordance with the procedure established at the enterprise, the valve must not be subjected to loads from the pipeline (bending, compression, tension, torsion, distortion, vibration, misalignment of spigots, uneven tightening of fasteners). If necessary, supports or compensators should be provided to reduce the load on the valve from the pipeline.
4. The cranes must be operated under the conditions set out in the table of technical characteristics.

It is strictly forbidden to allow the working medium to freeze inside the valve. When draining the system in winter, the valve must be left half-open so that the working medium does not remain in the cavities behind the valve gate.



WARRANTY PERIOD

Warranty period - 12 months from the date of commissioning, but not more than 18 months from the date of sale.

The warranty does not apply:

- parts and materials of the product subject to wear and tear
- for cases of damage caused by:
 - violations of the product storage, installation, testing, operation and maintenance specifications;
 - improper transportation and handling operations;
 - the presence of traces of exposure to substances aggressive to the product materials;
 - presence of damage caused by fire, elements, force majeure circumstances;
 - damage caused by incorrect actions of the consumer;
 - traces of tampering with the design of the product.

SALES MARK

| No. | Product Name | Packs |
|-----|--------------|-------|
| | | |
| | | |
| | | |

Date of Sale: _____

L.S.

