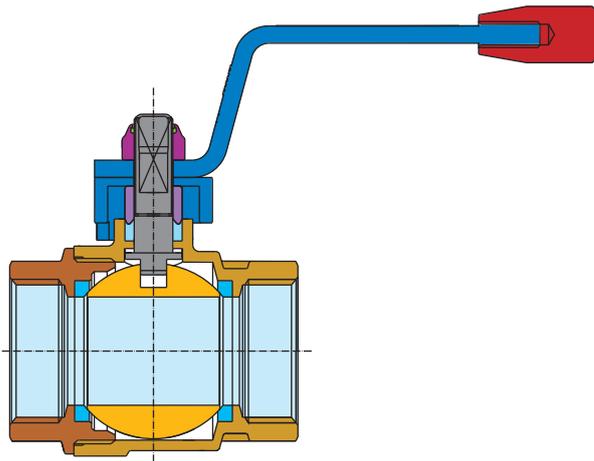


BASIC • HT

Ball valve for overheated water

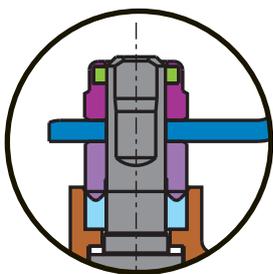


- BODY 1
- END ADAPTER 2
- BALL 3
- BALL GASKETS 4
- STEM 5
- THRUST WASHER 6
- STEM PACKING 7
- NUT 8
- LEVER WITH TEMPERATURE INDICATOR 9
- SELF-LOCKING NUT 10

MATERIAL SPECIFICATION

| COMPONENT | MATERIAL | DESCRIPTION |
|---------------------|-----------------------|-----------------------------------|
| 1 Body | CW 617 N UNI EN 12165 | Nickel-plated, forged brass |
| 2 End adapter | CW 617 N UNI EN 12165 | Nickel-plated, forged brass |
| 3 Ball plated | CW 614 N UNI EN 12164 | Machined brass bar, chrome-plated |
| 4 Ball gaskets | P.T.F.E. | Pure Teflon |
| 5 Stem | CW 614 N UNI EN 12164 | Machined brass bar, nickel-plated |
| 6 Thrust washer | P.T.F.E. FILLED | |
| 7 Stem packing | P.T.F.E. FILLED | |
| 8 Nut | CW 614 N UNI EN 12164 | Machined brass bar |
| 9 Lever handle | Zinc-plated steel | Zinc-plated |
| 10 Self-locking nut | Zinc-plated 8G steel | Zinc-plated |

Double seal blow out-proof stem



The **BASIC•HT** ball valves are bottom loaded stem designed. This "anti-blow-out" stem offers more guarantees against the accidental release of the stem and it prevents from tampering with the internals of the valve.

The double seal is performed by an anti-friction Teflon thrust washer, working as a high pressure gasket

THREADS

Screwed to ISO 228/1 standard.

USES

The **BASIC•HT** valves are suitable for use with overheated water.

Moreover they are suitable for use with hot and cold water, compressed air, oils and hydrocarbons in general.

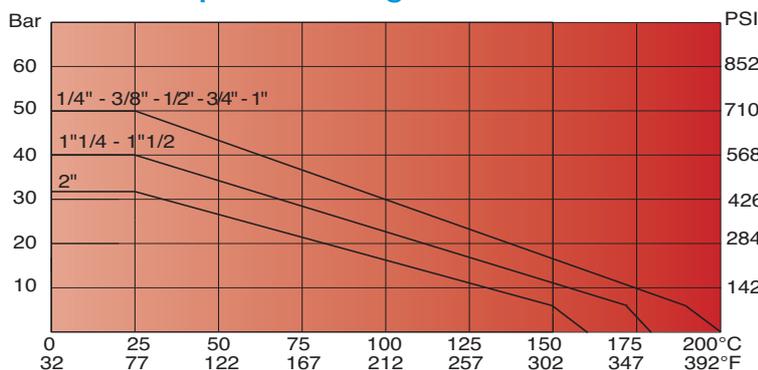
For special uses please refer to the table of chemical resistance.

TEMPERATURE LIMITS

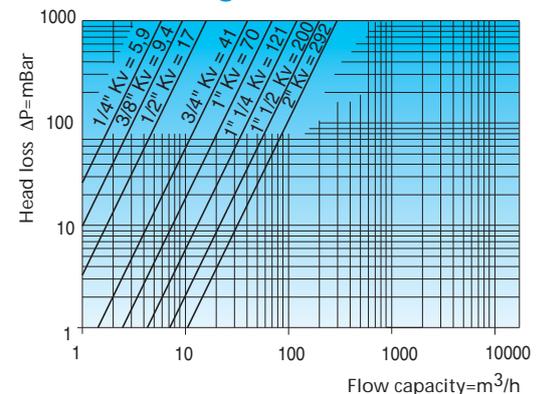
From - 20°C to + 170°C.

See pressure/temperature diagram.

Pressure/temperature diagram



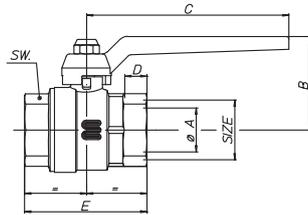
Head loss diagram



BASIC • HT

Ball valve for overheated water

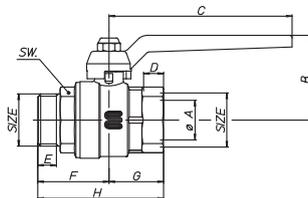
Art. S.3084 BASIC•HT



Full bore ball valve for **high temperature**, with aluminium lever handle, female/female, nickel-plated.

| SIZE | ¾" | ½" | ¾" | 1" | 1¼" | 1½" | 2" | | | |
|------------|------|-----|------|------|------|------|------|--|--|--|
| øA pass. | 10 | 15 | 20 | 25 | 32 | 40 | 50 | | | |
| B mm | 38,5 | 40 | 49,5 | 53,5 | 64 | 74,5 | 90 | | | |
| C mm | 80 | 80 | 115 | 115 | 130 | 150 | 170 | | | |
| D mm | 11,4 | 9,5 | 11 | 12,5 | 13,5 | 15,5 | 17,5 | | | |
| E mm | 49,5 | 49 | 59 | 70 | 81 | 94 | 112 | | | |
| SW mm | 21 | 25 | 31 | 38 | 47 | 54 | 66 | | | |
| Weight gr. | 135 | 163 | 284 | 448 | 758 | 1300 | 2173 | | | |

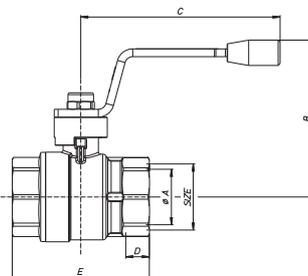
Art. S.3085 BASIC•HT



Full bore ball valve for **high temperature**, with aluminium lever handle, male/female, nickel-plated.

| SIZE | ½" | ¾" | 1" | 1¼" | 1½" | 2" | | | |
|------------|------|------|------|------|------|------|--|--|--|
| øA pass. | 15 | 20 | 25 | 32 | 40 | 50 | | | |
| B mm | 40 | 49,5 | 53,5 | 64 | 74,5 | 90 | | | |
| C mm | 80 | 115 | 115 | 130 | 150 | 170 | | | |
| D mm | 9,5 | 11 | 12,5 | 13,5 | 15,5 | 17,5 | | | |
| E mm | 9,7 | 10,7 | 11,7 | 13,2 | 14,7 | 16,7 | | | |
| F mm | 35 | 40,5 | 44,4 | 51 | 57 | 66 | | | |
| G mm | 24,5 | 29,5 | 35 | 40,5 | 47 | 56 | | | |
| H mm | 59,5 | 70 | 79,5 | 91,5 | 104 | 122 | | | |
| SW mm | 25 | 31 | 38 | 47 | 54 | 66 | | | |
| Weight gr. | 192 | 330 | 530 | 864 | 1408 | 2259 | | | |

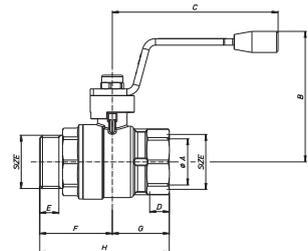
Art. S.1301 BASIC•HT



Full bore ball valve for **high temperature**, with aluminium lever with temperature indicator, female/female, nickel-plated.

| SIZE | ¾" | 1" | | | | | | |
|----------|------|------|--|--|--|--|--|--|
| øA pass. | 20 | 25 | | | | | | |
| B mm | 74 | 81 | | | | | | |
| C mm | 102 | 102 | | | | | | |
| D mm | 12,5 | 13,5 | | | | | | |
| E mm | 70 | 81 | | | | | | |
| SW mm | 31 | 38 | | | | | | |

Art. S.1302 BASIC•HT



Full bore ball valve for **high temperature**, with aluminium lever handle with temperature indicator, male/female, nickel-plated.

| SIZE | ¾" | 1" | | | | | | |
|----------|------|------|--|--|--|--|--|--|
| øA pass. | 20 | 25 | | | | | | |
| B mm | 74 | 81 | | | | | | |
| C mm | 102 | 102 | | | | | | |
| D mm | 12,5 | 13,5 | | | | | | |
| E mm | 11,7 | 13,2 | | | | | | |
| F mm | 44,5 | 51 | | | | | | |
| G mm | 35 | 40,5 | | | | | | |
| H mm | 79,5 | 91,5 | | | | | | |
| SW mm | 31 | 38 | | | | | | |