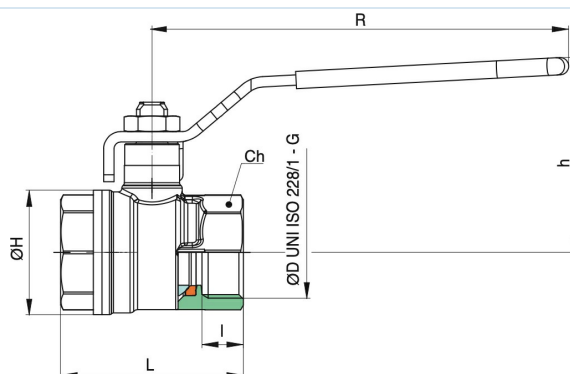


## Brass ball valve Series BA171



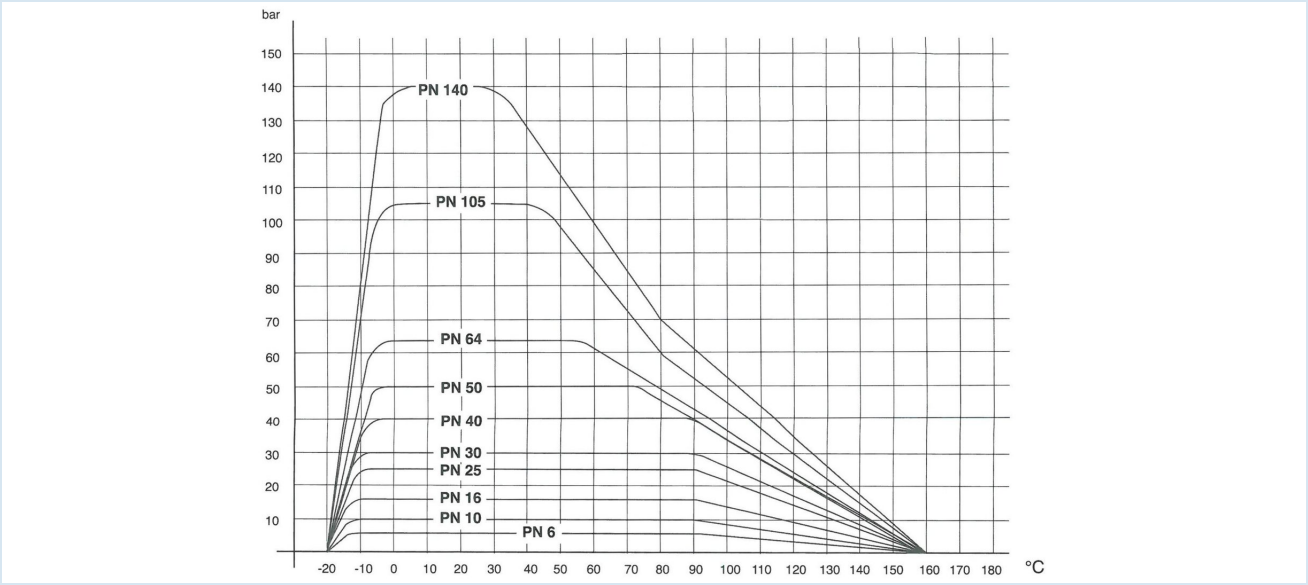
|                    |                                                                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type        | Full port ball valve with floating ball, full bore passage                                                                                                        |
| Connection         | G1/2"...G2" according to ISO7/1                                                                                                                                   |
| Materials          | Body brass CW617N nickel-plated, Ball, brass CW617N, hard chrome-plated, Ball seal PTFE, Spindle seal PTFE, Hand lever steel plastic-coated                       |
| Mounting type      | Installation in rigid piping system                                                                                                                               |
| Mounting position  | any                                                                                                                                                               |
| Application range  | Gases and liquids of group 2 in accordance with PED 2014/68/EU that do not attack the materials used.                                                             |
| Medium temperature | -20...+160°C                                                                                                                                                      |
| Operating pressure | Rated pressure according to table for operating temperatures up to 80°C. Permissible operating pressure for higher temperatures see pressure-temperature diagram. |
| Actuation          | by 90° rotation of the hand lever                                                                                                                                 |



| D       | DN<br>[mm] | PN<br>[bar] | CH | h    | ØH   | I    | L    | R   | Kv value<br>[m³/h] | Weight<br>[approx. kg] | Type        |
|---------|------------|-------------|----|------|------|------|------|-----|--------------------|------------------------|-------------|
| G1/2"   | 15         | 50          | 25 | 45   | 30   | 12   | 47,5 | 96  | 15,7               | 0,18                   | BA171-12-L  |
| G3/4"   | 20         | 40          | 31 | 56,5 | 36   | 12   | 53   | 121 | 28                 | 0,31                   | BA171-34-L  |
| G1"     | 25         | 40          | 38 | 59   | 43,5 | 14,5 | 65,5 | 121 | 41,5               | 0,47                   | BA171-10-L  |
| G1 1/4" | 32         | 40          | 48 | 72,5 | 53   | 16   | 76,5 | 151 | 84,6               | 0,80                   | BA171-114-L |
| G1 1/2" | 40         | 40          | 54 | 78,5 | 65   | 18   | 89   | 151 | 218,5              | 1,10                   | BA171-112-L |
| G2"     | 50         | 40          | 67 | 91,5 | 80   | 19   | 103  | 160 | 251,5              | 1,83                   | BA171-20-L  |



Pressure-temperature diagram



Illustrations non-binding  
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materiales - A02 / Other materiales - A02 / [BA171-114-L] BA171-114-L