

## Brass ball valves Series BA862



BA862-L



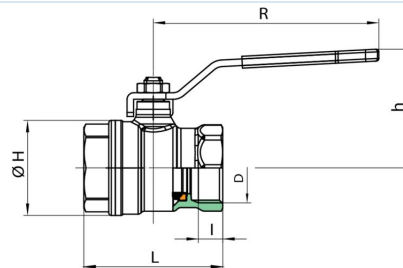
BA862-TH



BA862-F-TH

|                    |                                                                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type        | Shut-off valve with floating ball, full bore passage                                                                                                                                                      |
| Connection         | G1/2"...G2" according to ISO228/1                                                                                                                                                                         |
| Materials          | Body brass CW617N nickel-plated, Ball, brass CW617N, hard chrome-plated, Ball seal PTFE, Spindle seal PTFE/NBR/FKM, Hand lever steel galvanized with black PVC sheath, Rotary knob aluminium black 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 | Vacuum 1mbar up to 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/Rotary knob                                                                                                                                                             |

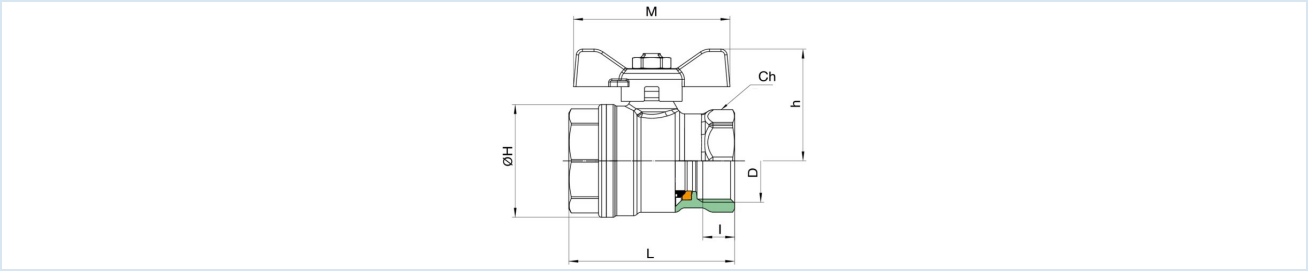
### Dimensions BA862-L



| D       | Nominal size<br>DN[mm] | PN<br>[bar] | CH   | h  | ØH   | I    | L    | R   | Kv value<br>[m <sup>3</sup> /h] | Weight<br>[approx. kg] | Type        |
|---------|------------------------|-------------|------|----|------|------|------|-----|---------------------------------|------------------------|-------------|
| G1/2"   | 15                     | 40          | 25   | 42 | 28,5 | 11   | 46,5 | 86  | 16,3                            | 0,14                   | BA862-12-L  |
| G3/4"   | 20                     | 40          | 31   | 45 | 36   | 12   | 53   | 86  | 29,5                            | 0,22                   | BA862-34-L  |
| G1"     | 25                     | 40          | 37,5 | 54 | 43,5 | 14   | 63,5 | 106 | 43                              | 0,37                   | BA862-10-L  |
| G1 1/4" | 32                     | 25          | 47   | 59 | 53   | 16   | 76   | 106 | 89                              | 0,52                   | BA862-114-L |
| G1 1/2" | 40                     | 25          | 53   | 73 | 67,5 | 17,5 | 90   | 126 | 221                             | 0,93                   | BA862-112-L |
| G2"     | 50                     | 25          | 65   | 78 | 80   | 19   | 103  | 126 | 265                             | 1,33                   | BA862-20-L  |

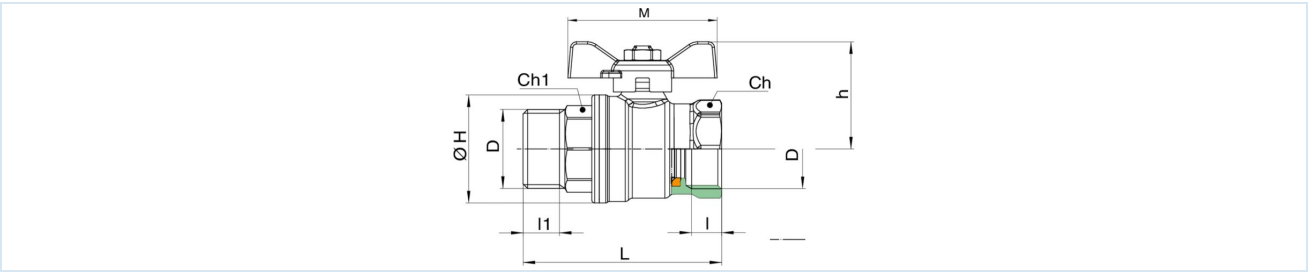


Dimensions BA862-TH



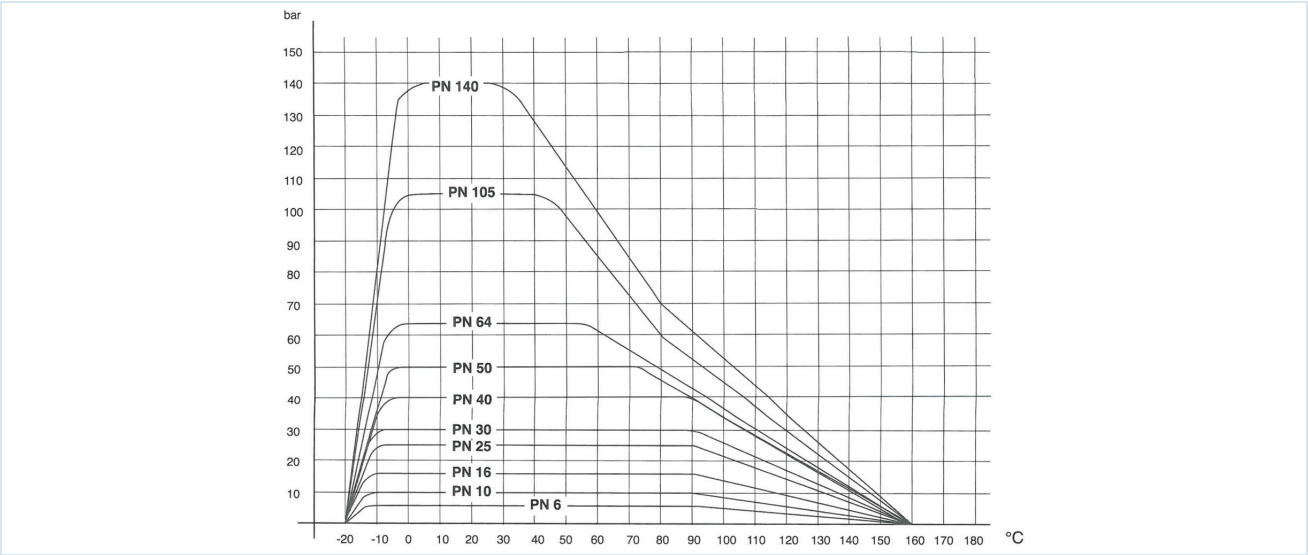
| D     | Nominal size<br>DN[mm] | PN<br>[bar] | CH   | h  | ØH   | I  | L    | M  | Kv value<br>[m <sup>3</sup> /h] | Weight<br>[approx. kg] | Type        |
|-------|------------------------|-------------|------|----|------|----|------|----|---------------------------------|------------------------|-------------|
| G1/2" | 15                     | 40          | 25   | 33 | 28,5 | 11 | 46,5 | 50 | 16,3                            | 0,13                   | BA862-12-TH |
| G3/4" | 20                     | 40          | 31   | 36 | 36   | 12 | 53   | 50 | 29,5                            | 0,20                   | BA862-34-TH |
| G1"   | 25                     | 40          | 37,5 | 43 | 43,5 | 14 | 63,5 | 60 | 43                              | 0,33                   | BA862-10-TH |

Dimensions BA862-F-TH



| D     | Nominal size<br>DN[mm] | PN<br>[bar] | CH   | h  | ØH   | I  | L    | M  | Kv value<br>[m <sup>3</sup> /h] | Weight<br>[approx. kg] | Type         |
|-------|------------------------|-------------|------|----|------|----|------|----|---------------------------------|------------------------|--------------|
| G1/2" | 15                     | 40          | 25   | 33 | 28,5 | 11 | 46,5 | 50 | 16,3                            | 0,13                   | BA862-F12-TH |
| G3/4" | 20                     | 40          | 31   | 36 | 36   | 12 | 53   | 50 | 29,5                            | 0,20                   | BA862-F34-TH |
| G1"   | 25                     | 40          | 37,5 | 43 | 43,5 | 14 | 63,5 | 60 | 43                              | 0,33                   | BA862-F10-TH |

Pressure-temperature diagram



Illustrations non-binding  
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Ball valve made of brass Series BA862-L