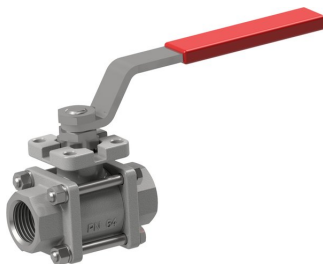
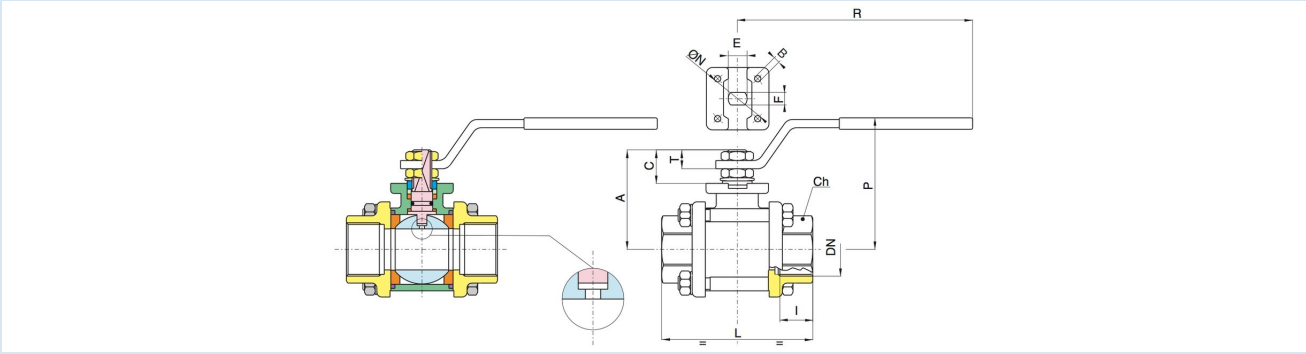


## Three-piece ball valves made of stainless steel Series 710060



|                    |                                                                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type        | Shut-off valve with floating ball, full bore passage, Compensation borehole, for Steam                                                                                                                                                                                                                                         |
| Actuation          | by 90° rotation of the hand lever                                                                                                                                                                                                                                                                                              |
| Connection         | RP1/4"...RP4" according to ISO7/1                                                                                                                                                                                                                                                                                              |
| Materials          | Body and ball stainless steel 1.4401, Ball seal made of graphite-reinforced PTFE, Stem seal made of graphite-reinforced PTFE, O-rings FKM<br>Hand lever: DN8...DN50 Stainless steel 1.4016 plasticized, DN65...DN100 Steel plasticized<br>Tie rods and nuts: DN10...DN50 Stainless steel 1.4301, DN65...DN100 Steel galvanized |
| Application range  | Steam, other applications on request                                                                                                                                                                                                                                                                                           |
| Medium temperature | -20...+198°C                                                                                                                                                                                                                                                                                                                   |
| Operating pressure | Vacuum max. 10 <sup>-3</sup> Torr up to 15 bar                                                                                                                                                                                                                                                                                 |
| Mounting type      | Installation in rigid piping system                                                                                                                                                                                                                                                                                            |
| Mounting position  | any                                                                                                                                                                                                                                                                                                                            |
| Approvals          | TA air                                                                                                                                                                                                                                                                                                                         |
| Special version    | ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, low-dead-volume seals, oil-, grease- and silicone-free for oxygen, with weld-on or weld-in ends                                                                                                                                                         |





| Connection | Nominal size<br>DN[mm] | A   | B   | C    | CH   | E  | F  | I    | L   | R   | P   | T    | N   | Kv value<br>[m³/h] | Weight<br>[approx. kg] | Type          |
|------------|------------------------|-----|-----|------|------|----|----|------|-----|-----|-----|------|-----|--------------------|------------------------|---------------|
| 1/4"       | 8                      | 35  | -   | 13,5 | 22   | 8  | 5  | 11   | 57  | 110 | 50  | 9    | -   | 5,5                | 0,28                   | 710060-1/4"   |
| 3/8"       | 10                     | 35  | -   | 13,5 | 22   | 8  | 5  | 11,4 | 57  | 110 | 50  | 9    | -   | 8,5                | 0,26                   | 710060-3/8"   |
| 1/2"       | 15                     | 47  | 6   | 15   | 27   | 10 | 7  | 15   | 65  | 131 | 64  | 10   | 36  | 19,2               | 0,48                   | 710060-1/2"   |
| 3/4"       | 20                     | 52  | 5,5 | 16   | 32   | 10 | 7  | 16,3 | 76  | 131 | 68  | 10   | 42  | 35,0               | 0,70                   | 710060-3/4"   |
| 1"         | 25                     | 60  | 6   | 19,5 | 41   | 12 | 8  | 19,1 | 92  | 174 | 79  | 12,5 | 42  | 64,5               | 1,22                   | 710060-1"     |
| 1 1/4"     | 32                     | 64  | 5,5 | 19,5 | 50   | 12 | 8  | 21,4 | 106 | 174 | 83  | 12,5 | 42  | 103,8              | 1,66                   | 710060-1 1/4" |
| 1 1/2"     | 40                     | 79  | 6,5 | 24   | 55   | 16 | 10 | 21,4 | 116 | 250 | 100 | 16,5 | 50  | 174                | 2,05                   | 710060-1 1/2" |
| 2"         | 50                     | 86  | 6,5 | 24   | 70   | 16 | 10 | 25,7 | 136 | 250 | 107 | 16,5 | 50  | 301,3              | 3,87                   | 710060-2"     |
| 2 1/2"     | 65                     | 103 | M8  | 28   | Ø90  | 20 | 14 | 30,2 | 153 | 321 | 126 | 18   | 70  | 545,7              | 8,15                   | 710060-2 1/2" |
| 3"         | 80                     | 114 | M8  | 28   | Ø105 | 20 | 14 | 33,3 | 180 | 321 | 137 | 18   | 70  | 872,5              | 13,04                  | 710060-3"     |
| 4"         | 100                    | 137 | M10 | 34,5 | Ø130 | 24 | 18 | 39,3 | 217 | 381 | 156 | 22   | 102 | 1363,3             | 21,50                  | 710060-4"     |

Illustrations non-binding  
Design, dimensional and material changes reserved

[Armatures](#) / [Ball valves - manually operated](#) / [Ball valves - stainless steel](#) / [Ball valve made of stainless steel Series 710060](#)