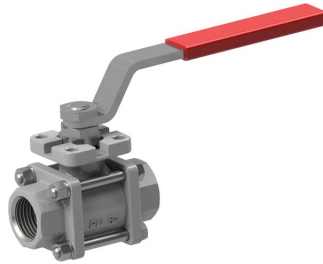
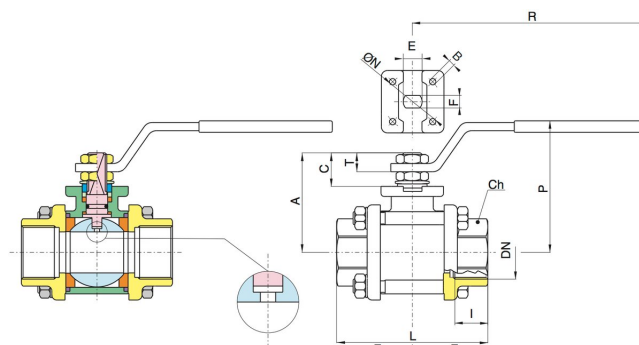


## Three-piece stainless steel ball valves Series BA364



|                    |                                                                                                                                                                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type        | Full port ball valve with floating ball, full bore passage, antistatic version, Compensation borehole                                                                                                                                                                                                          |
| Actuation          | by 90° rotation of the hand lever                                                                                                                                                                                                                                                                              |
| Connection         | RP1/4"...RP4" according to ISO7/1 or rather<br>1/4"NPT...4"NPT according to ANSI B1.20.1                                                                                                                                                                                                                       |
| Materials          | Body and ball stainless steel 1.4401, PTFE-carbon-graphite reinforced, Spindle seal PTFE-carbon-graphite reinforced/EPDM<br>Hand lever: RP1/4"...2" Stainless steel 1.4016 plasticized, RP21/2"...4" Steel plasticized<br>Tie rods and nuts: RP1/4"...2" Stainless steel 1.4301, RP21/2"...4" Galvanized steel |
| Application range  | Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used                                                                                                                                                                                                      |
| Medium temperature | -40...+160°C                                                                                                                                                                                                                                                                                                   |
| Operating pressure | Vacuum max. 10 <sup>-3</sup> Torr up to Nominal pressure according to table and pressure-temperature diagram                                                                                                                                                                                                   |
| Flow direction     | any                                                                                                                                                                                                                                                                                                            |
| Mounting type      | Installation in rigid piping system                                                                                                                                                                                                                                                                            |
| Mounting position  | any                                                                                                                                                                                                                                                                                                            |
| Approvals          | ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, TA air, SIL3                                                                                                                                                                                                                            |



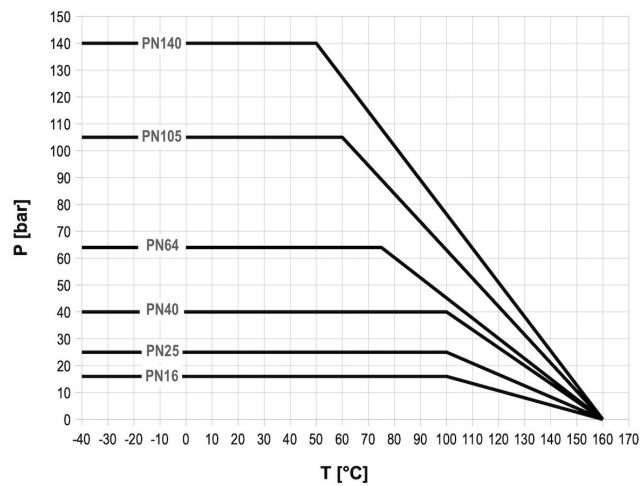


| Connection | Nominal size<br>DN[mm] | PN<br>[bar] | A   | CH  | E  | F  | I    | L   | R   | P   | C    | T    | N   | B   | Kv value<br>[m <sup>3</sup> /h] | Weight<br>[approx. kg] | Type          |
|------------|------------------------|-------------|-----|-----|----|----|------|-----|-----|-----|------|------|-----|-----|---------------------------------|------------------------|---------------|
| 1/4"       | 8                      | 64          | 35  | 22  | 8  | 5  | 11   | 57  | 110 | 50  | 13,5 | 9    | -   | -   | 5,5                             | 0,28                   | BA364-14-L-A  |
| 3/8"       | 10                     | 64          | 35  | 22  | 8  | 5  | 11,4 | 57  | 110 | 50  | 13,5 | 9    | -   | -   | 8,5                             | 0,26                   | BA364-38-L-A  |
| 1/2"       | 15                     | 64          | 47  | 27  | 10 | 7  | 15   | 65  | 131 | 64  | 15   | 10   | 36  | 6   | 19,2                            | 0,48                   | BA364-12-L-A  |
| 3/4"       | 20                     | 40          | 52  | 32  | 10 | 7  | 16,3 | 76  | 131 | 68  | 16   | 10   | 42  | 5,5 | 35,0                            | 0,70                   | BA364-34-L-A  |
| 1"         | 25                     | 40          | 60  | 41  | 12 | 8  | 19,1 | 92  | 174 | 79  | 19,5 | 12,5 | 42  | 6   | 64,5                            | 1,23                   | BA364-10-L-A  |
| 1 1/4"     | 32                     | 25          | 64  | 50  | 12 | 8  | 21,4 | 106 | 174 | 83  | 19,5 | 12,5 | 42  | 5,5 | 103,8                           | 1,69                   | BA364-114-L-A |
| 1 1/2"     | 40                     | 25          | 79  | 55  | 16 | 10 | 21,4 | 116 | 250 | 100 | 24   | 16,5 | 50  | 6,5 | 174,0                           | 2,50                   | BA364-112-L-A |
| 2"         | 50                     | 25          | 86  | 70  | 16 | 10 | 25,7 | 136 | 250 | 107 | 24   | 16,5 | 50  | 6,5 | 301,3                           | 3,88                   | BA364-20-L-A  |
| 2 1/2"     | 65                     | 16          | 103 | 90  | 20 | 14 | 30,2 | 153 | 321 | 126 | 28   | 18   | 70  | M8  | 545,7                           | 8,06                   | BA364-212-L-A |
| 3"         | 80                     | 16          | 114 | 105 | 20 | 14 | 33,3 | 180 | 321 | 137 | 28   | 18   | 70  | M8  | 872,5                           | 12,88                  | BA364-30-L-A  |
| 4"         | 100                    | 16          | 137 | 130 | 24 | 18 | 39,3 | 217 | 381 | 156 | 34,5 | 22   | 102 | M10 | 1363,3                          | 21,50                  | BA364-40-L-A  |

| Connection | Nominal size<br>DN[mm] | PN<br>[bar] | A   | CH  | E  | F  | I    | L   | R   | P   | C    | T    | N   | B   | Kv value<br>[m <sup>3</sup> /h] | Weight<br>[approx. kg] | Type           |
|------------|------------------------|-------------|-----|-----|----|----|------|-----|-----|-----|------|------|-----|-----|---------------------------------|------------------------|----------------|
| 1/4"NPT    | 8                      | 64          | 35  | 22  | 8  | 5  | 11   | 57  | 110 | 50  | 13,5 | 9    | -   | -   | 5,5                             | 0,28                   | BA364-14N-L-A  |
| 3/8"NPT    | 10                     | 64          | 35  | 22  | 8  | 5  | 11,4 | 57  | 110 | 50  | 13,5 | 9    | -   | -   | 8,5                             | 0,26                   | BA364-38N-L-A  |
| 1/2"NPT    | 15                     | 64          | 47  | 27  | 10 | 7  | 15   | 65  | 131 | 64  | 15   | 10   | 36  | 6   | 19,2                            | 0,48                   | BA364-12N-L-A  |
| 3/4"NPT    | 20                     | 40          | 52  | 32  | 10 | 7  | 16,3 | 76  | 131 | 68  | 16   | 10   | 42  | 5,5 | 35,0                            | 0,70                   | BA364-34N-L-A  |
| 1"NPT      | 25                     | 40          | 60  | 41  | 12 | 8  | 19,1 | 92  | 174 | 79  | 19,5 | 12,5 | 42  | 6   | 64,5                            | 1,23                   | BA364-10N-L-A  |
| 1 1/4"NPT  | 32                     | 25          | 64  | 50  | 12 | 8  | 21,4 | 106 | 174 | 83  | 19,5 | 12,5 | 42  | 5,5 | 103,8                           | 1,69                   | BA364-114N-L-A |
| 1 1/2"NPT  | 40                     | 25          | 79  | 55  | 16 | 10 | 21,4 | 116 | 250 | 100 | 24   | 16,5 | 50  | 6,5 | 174,0                           | 2,50                   | BA364-112N-L-A |
| 2"NPT      | 50                     | 25          | 86  | 70  | 16 | 10 | 25,7 | 136 | 250 | 107 | 24   | 16,5 | 50  | 6,5 | 301,3                           | 3,88                   | BA364-20N-L-A  |
| 2 1/2"NPT  | 65                     | 16          | 103 | 90  | 20 | 14 | 30,2 | 153 | 321 | 126 | 28   | 18   | 70  | M8  | 545,7                           | 8,06                   | BA364-212N-L-A |
| 3"NPT      | 80                     | 16          | 114 | 105 | 20 | 14 | 33,3 | 180 | 321 | 137 | 28   | 18   | 70  | M8  | 872,5                           | 12,88                  | BA364-30N-L-A  |
| 4"NPT      | 100                    | 16          | 137 | 130 | 24 | 18 | 39,3 | 217 | 381 | 156 | 34,5 | 22   | 102 | M10 | 1363,3                          | 21,50                  | BA364-40N-L-A  |



Pressure-temperature diagram



Illustrations non-binding  
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Ball valve made of stainless steel Series BA364-L-A