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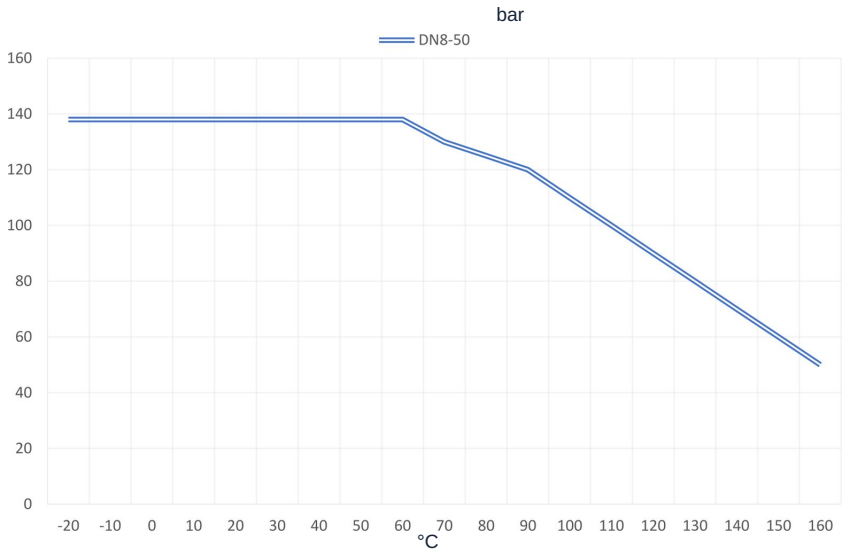
# Stainless steel ball valves
# Series BA469



| | |
|---|---|
| Design type | Shut-off valve with floating ball, full bore passage, two-piece, Compensation hole, oil- and grease-free version for oxygen, Fire-safe |
| Actuation | by 90° rotation of the hand lever |
| Connection | RP1/4"...RP2" according to ISO7/1 or rather<br>NPT1/4"...NPT2" after ANSI B 1.20.1 |
| Materials | Housing 1.4401, Ball 1.4401, Ball seal PTFE graphite-reinforced, Stem seal made of graphite-reinforced PTFE; Hand lever steel galvanized plasticized |
| 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 | -20...+160°C |
| Operating pressure | Vacuum max. $10^{-3}$ Torr up to Nominal pressure according to table and pressure-temperature diagram |
| Mounting type | Installation in rigid piping system |
| Mounting position | any |
| Approvals | ATEX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db |

## Pressure-temperature diagram



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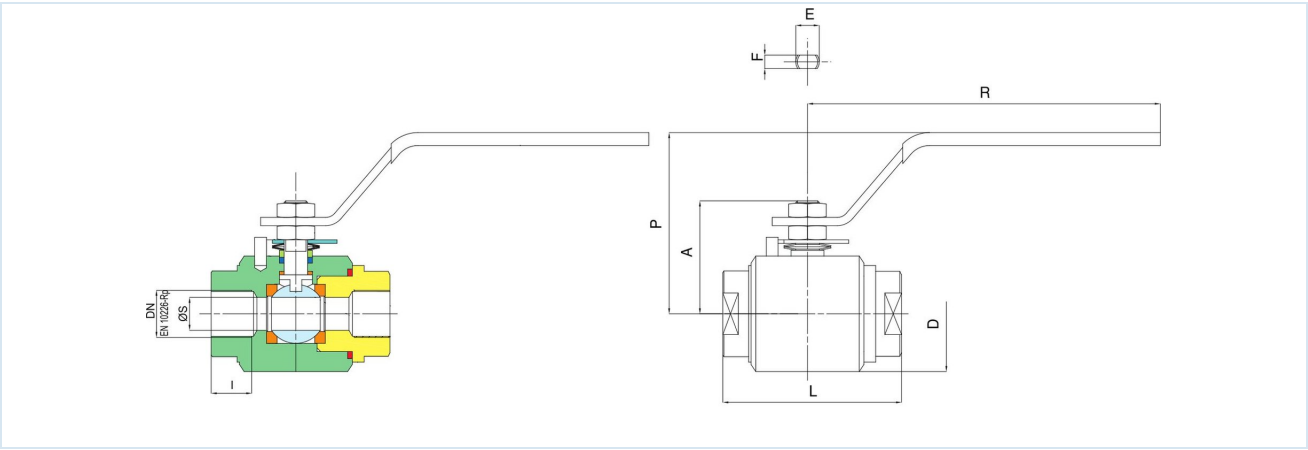
## Dimensions




| RP | DN [mm] | PN [bar] | A | D | I | L | R | P | E | F | ØS | Kv value [m³/h] | Weight [approx. kg] | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/4" | 8 | 138 | 38 | 42 | 11 | 67 | 148 | 72 | 8 | 5 | 10 | 5,5 | 0,6 | BA469-14-L-A |
| 3/8" | 10 | 138 | 38 | 42 | 11,4 | 67 | 148 | 72 | 8 | 5 | 10 | 8,5 | 0,6 | BA469-38-L-A |
| 1/2" | 15 | 138 | 44 | 50 | 15 | 75 | 148 | 75 | 10 | 5,5 | 15 | 19,2 | 0,8 | BA469-12-L-A |
| 3/4" | 20 | 138 | 55,5 | 59 | 16,3 | 90 | 180 | 85 | 12 | 7,5 | 19,5 | 33,3 | 1,5 | BA469-34-L-A |
| 1" | 25 | 138 | 61 | 68 | 19,1 | 105 | 180 | 95 | 12 | 7,5 | 25 | 64,5 | 2,0 | BA469-10-L-A |
| 11/4" | 32 | 138 | 70 | 80 | 21,4 | 120 | 240 | 100 | 14 | 9 | 30 | 103,8 | 3,3 | BA469-114-L-A |
| 11/2" | 40 | 138 | 82,5 | 93 | 21,4 | 135 | 240 | 105 | 14 | 9 | 38 | 174 | 4,5 | BA469-112-L-A |
| 2" | 50 | 138 | 90 | 104 | 25,7 | 155 | 280 | 115 | 14 | 9 | 48 | 278 | 6,0 | BA469-20-L-A |

| NPT | Nominal size DN[mm] | PN [bar] | A | D | I | L | R | P | E | F | ØS | Kv value [m $^3$ /h] | Weight [approx. kg] | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/4" | 8 | 138 | 38 | 42 | 11 | 67 | 148 | 72 | 8 | 5 | 10 | 5,5 | 0,6 | BA469-14N-L-A |
| 3/8" | 10 | 138 | 38 | 42 | 11,4 | 67 | 148 | 72 | 8 | 5 | 10 | 8,5 | 0,6 | BA469-38N-L-A |
| 1/2" | 15 | 138 | 44 | 50 | 15 | 75 | 148 | 75 | 10 | 5,5 | 15 | 19,2 | 0,8 | BA469-12N-L-A |
| 3/4" | 20 | 138 | 55,5 | 59 | 16,3 | 90 | 180 | 85 | 12 | 7,5 | 19,5 | 33,3 | 1,5 | BA469-34N-L-A |
| 1" | 25 | 138 | 61 | 68 | 19,1 | 105 | 180 | 95 | 12 | 7,5 | 25 | 64,5 | 2,0 | BA469-10N-L-A |
| 11/4" | 32 | 138 | 70 | 80 | 21,4 | 120 | 240 | 100 | 14 | 9 | 30 | 103,8 | 3,3 | BA469-114N-L-A |
| 11/2" | 40 | 138 | 82,5 | 93 | 21,4 | 135 | 240 | 105 | 14 | 9 | 38 | 174 | 4,5 | BA469-112N-L-A |
| 2" | 50 | 138 | 90 | 104 | 25,7 | 155 | 280 | 115 | 14 | 9 | 48 | 278 | 6,0 | BA469-20N-L-A |

Illustrations non-binding
Design, dimensional and material changes reserved

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