Partnership. With Guarantee.

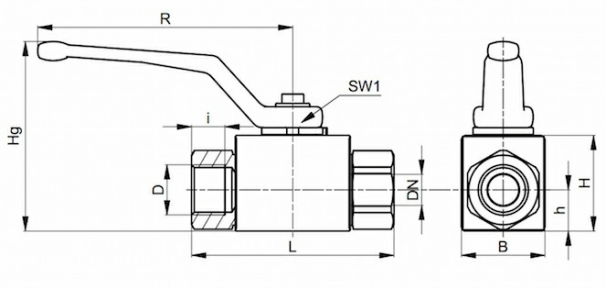
# High-pressure stainless steel ball valves Series BA234, BA102



| | |
|---|---|
| Design type | Shut-off valve with floating ball |
| Actuation | by 90° rotation of the hand lever |
| Connection | G1/8"... G11/2"according to ISO228/1 or rather 6L...42L and 8S...38S after EN ISO 8434-1 (DIN 2353) |
| Materials | Housing, Ball 1.4571/1.4404, Hand lever Zinc die casting<br>Seals BA234: POM/NBR<br>Seals BA102: POM/FKM |
| Application range | Fluids of group 2 according to PED 2014/68/EU that do not attack the materials used. |
| Medium temperature | BA234 -30...+100°C, BA102 -20...+100°C |
| Operating pressure | Nominal pressure according to table up to 80°C, above 80°C 11% Pressure reduction |
| Mounting type | Installation in rigid piping system |
| Mounting position | any |
| Special versions | Seals made of PTFE, PEEK, gaseous media, ATEX on request |
| Accessories | Shut-off device and Limit switch on request |

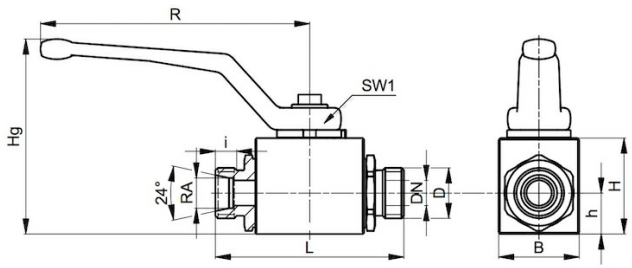


+43 512 52076
austria@stasto.eu
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| D | Nominal size DN[mm] | PN [bar] | B | H | h | Hg | i | L | R | SW1 | Weight [approx. kg] | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G1/8" | 5 | 500 | 26 | 33 | 13,5 | 82 | 10 | 69 | 115 | 9 | 0,41 | BA...-18-L |
| G1/4" | 6 | 500 | 26 | 33 | 13,5 | 82 | 14 | 69 | 115 | 9 | 0,40 | BA...-14-L |
| G3/8" | 10 | 500 | 32 | 38 | 17,5 | 86 | 14 | 72 | 115 | 9 | 0,52 | BA...-38-L |
| G1/2" | 13 | 500 | 35 | 40 | 19 | 89 | 16,3 | 83 | 115 | 9 | 0,65 | BA...-12-L |
| G3/4" | 20 | 350 | 49 | 57 | 24,5 | 79 | 18 | 95 | 200 | 14 | 1,50 | BA...-34-L |
| G1" | 25 | 350 | 58 | 65 | 29,5 | 87 | 20 | 113 | 200 | 14 | 3,62 | BA...-10-L |
| G11/4" | 25 | 350 | 58 | 65 | 29,5 | 87 | 22 | 120 | 200 | 14 | 2,30 | BA...-114-L |
| G11/2" | 25 | 250 | 58 | 65 | 29,5 | 87 | 24 | 130 | 200 | 14 | 2,60 | BA...-112-L |


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austria@stasto.eu
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| D | Nominal size DN[mm] | PN [bar] | B | H | h | Hg | i | L | R | RA | SW1 | Weight [approx. kg] | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M12x1,5 | 5 | 500 | 26 | 33 | 13,5 | 82 | 7 | 67 | 115 | 6 | 9 | 0,36 | BA...-6L-L |
| M14x1,5 | 6 | 500 | 26 | 33 | 13,5 | 82 | 7 | 67 | 115 | 8 | 9 | 0,38 | BA...-8L-L |
| M16x1,5 | 8 | 500 | 26 | 33 | 13,5 | 82 | 7 | 74 | 115 | 10 | 9 | 0,38 | BA...-10L-L |
| M18x1,5 | 10 | 500 | 32 | 38 | 17,5 | 86 | 7 | 74 | 115 | 12 | 9 | 0,51 | BA...-12L-L |
| M22x1,5 | 13 | 500 | 35 | 40 | 19 | 89 | 7 | 82 | 115 | 15 | 9 | 0,61 | BA...-15L-L |
| M26x1,5 | 13 | 500 | 35 | 40 | 19 | 89 | 7,5 | 82 | 115 | 18 | 9 | 0,60 | BA...-18L-L |
| M26x1,5 | 15 | 420 | 38 | 46 | 19 | 106 | 7,5 | 82 | 160 | 18 | 12 | 0,75 | BA...-18L-L-01 |
| M30x2 | 20 | 420 | 49 | 57 | 24,5 | 79 | 7,5 | 101 | 200 | 22 | 14 | 1,41 | BA...-22L-L |
| M36x2 | 25 | 350 | 58 | 65 | 29,5 | 87 | 7,5 | 108 | 200 | 28 | 14 | 2,0 | BA...-28L-L |
| M45x2 | 25 | 350 | 58 | 65 | 29,5 | 87 | 10,5 | 112 | 200 | 35 | 14 | 2,12 | BA...-35L-L |
| M52x2 | 25 | 350 | 58 | 65 | 29,5 | 87 | 11 | 112 | 200 | 42 | 14 | 2,27 | BA...-42L-L |

| D | Nominal size DN[mm] | PN [bar] | B | H | h | Hg | i | L | R | RA | SW1 | Weight [approx. kg] | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M16x1,5 | 5 | 500 | 26 | 33 | 13,5 | 82 | 7 | 73 | 115 | 8 | 9 | 0,39 | BA...-8S-L |
| M18x1,5 | 6 | 500 | 26 | 33 | 13,5 | 82 | 7,5 | 73 | 115 | 10 | 9 | 0,39 | BA...-10S-L |
| M20x1,5 | 8 | 500 | 26 | 33 | 13,5 | 82 | 7,5 | 76 | 115 | 12 | 9 | 0,39 | BA...-12S-L |
| M22x1,5 | 10 | 500 | 32 | 38 | 17,5 | 86 | 8 | 80 | 115 | 14 | 9 | 0,50 | BA...-14S-L |
| M24x1,5 | 13 | 500 | 35 | 40 | 19 | 89 | 8,5 | 86 | 115 | 16 | 9 | 0,63 | BA...-16S-L |
| M30x2 | 13 | 500 | 35 | 40 | 19 | 89 | 10,5 | 90 | 115 | 20 | 9 | 0,60 | BA...-20S-L |
| M30x2 | 15 | 420 | 39 | 46 | 19 | 106 | 10,5 | 90 | 160 | 20 | 12 | 0,80 | BA...-20S-L-01 |
| M36x2 | 20 | 420 | 49 | 57 | 24,5 | 79 | 12 | 109 | 200 | 25 | 14 | 1,59 | BA...-25S-L |
| M42x2 | 25 | 350 | 58 | 65 | 29,5 | 87 | 13,5 | 120 | 200 | 30 | 14 | 2,22 | BA...-30S-L |
| M52x2 | 25 | 350 | 58 | 65 | 29,5 | 87 | 16 | 124 | 200 | 38 | 14 | 2,30 | BA...-38S-L |

Illustrations non-binding
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+43 512 52076
austria@stasto.eu
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