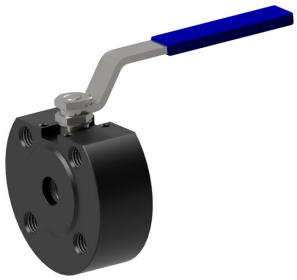
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# Steel flanged ball valves
# Series BA358



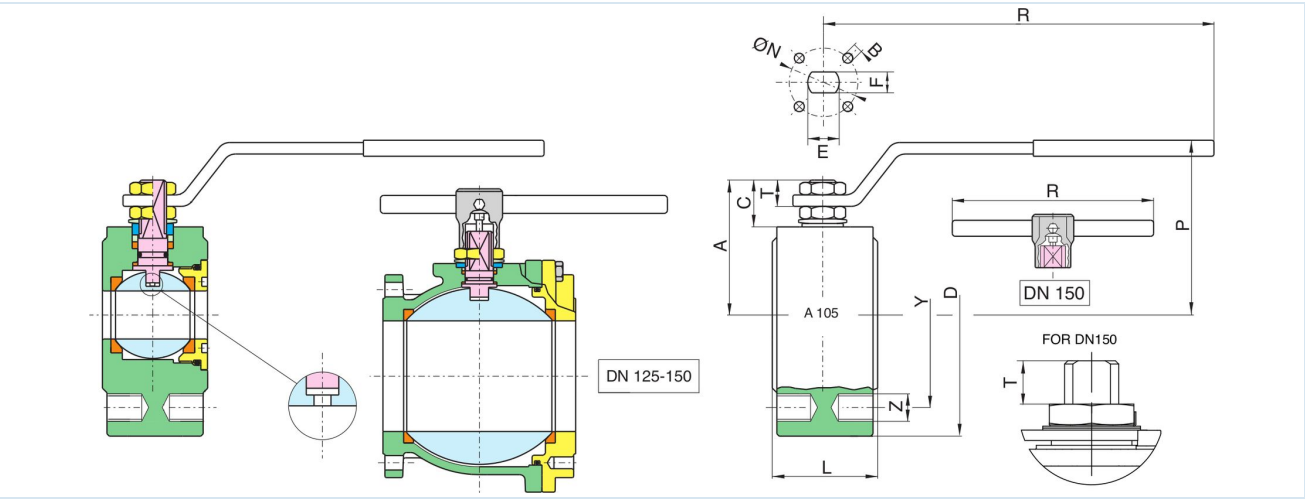


| | |
|---|---|
| Design type | Shut-off valve with floating ball, full bore passage, Compensation hole |
| Actuation | by 90° rotation of the hand lever |
| Connection | Flanges DN15...DN150 according to ANSI 150 |
| Materials | Steel housing, Ball stainless steel AISI 304, Ball seal PTFE, Spindle seal PTFE/FKM<br>Hand lever: DN15...DN125 Steel plasticized, DN150 Grey cast iron EN-GJL-250 |
| Application range | Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used. For steam applications we recommend using special steam valves. |
| 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 | TA-Luft |
| Special versions | antistatic version ATEX II 2G/D c T3, Fire-safe, low dead-volume seals, Heating jacket for viscous media, Version for steam on request |



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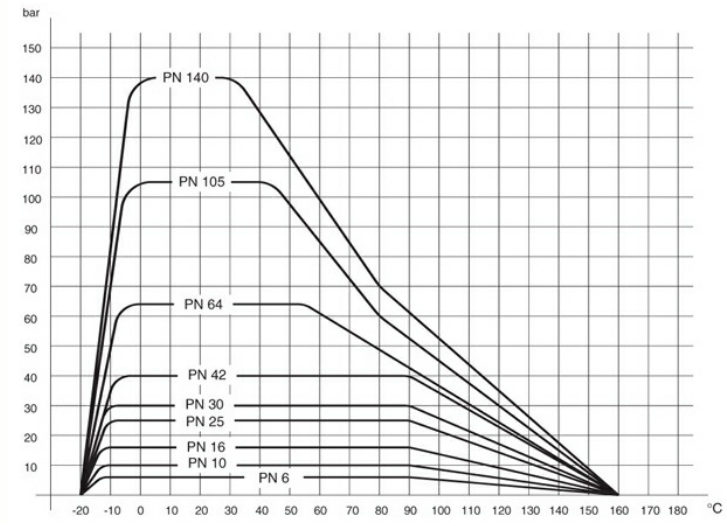
## Dimensions




| DN [mm] | PN [bar] | A | B | C | D | E | F | L | ØN | R | P | T | Y | Z - UNC | Kv value [m³/h] | Weight [approx. kg] | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 20 | 47 | 4xM5 | 15,5 | 90 | 10 | 7 | 35 | 32 | 131 | 65 | 9 | 61 | 4x1/2" | 19,2 | 1,35 | BA358-15-L |
| 20 | 20 | 51,5 | 4xM5 | 15,5 | 100 | 10 | 7 | 40 | 32 | 131 | 69 | 9 | 70 | 4x1/2" | 35,0 | 1,86 | BA358-20-L |
| 25 | 20 | 61 | 4xM5 | 19,5 | 110 | 12 | 8 | 46 | 42 | 174 | 80 | 11 | 80 | 4x1/2" | 64,5 | 2,64 | BA358-25-L |
| 32 | 20 | 64,5 | 4xM5 | 16,5 | 118 | 12 | 8 | 54 | 42 | 174 | 84 | 11 | 89 | 4x1/2" | 103,8 | 3,15 | BA358-32-L |
| 40 | 20 | 78 | 4xM6 | 24,5 | 127 | 16 | 10 | 63,5 | 50 | 250 | 102 | 13 | 99 | 4x1/2" | 174 | 6,10 | BA358-40-L |
| 50 | 20 | 87 | 4xM6 | 25 | 150 | 16 | 10 | 82 | 50 | 250 | 111 | 13 | 121 | 4x5/8" | 301,3 | 8,84 | BA358-50-L |
| 65 | 20 | 104,5 | 4xM8 | 28 | 175 | 20 | 14 | 103 | 70 | 321 | 128 | 18 | 140 | 4x5/8" | 545,7 | 15,78 | BA358-65-L |
| 80 | 20 | 115 | 4xM8 | 28,5 | 190 | 20 | 14 | 122 | 70 | 321 | 138 | 18 | 153 | 4x5/8" | 872,5 | 20,57 | BA358-80-L |
| 100 | 20 | 137 | 4xM10 | 34,5 | 223 | 24 | 18 | 152 | 102 | 381 | 156 | 22 | 191 | 8x5/8" | 1363,3 | 34,40 | BA358-100-L |
| 125 | 20 | 159 | 4xM10 | 34 | 250 | 24 | 18 | 196 | 102 | 381 | 178 | 22 | 216 | 8x3/4" | 2360,3 | 53,00 | BA358-125-L |
| 150 | 20 | 201,5 | 4xM12 | 51,5 | 280 | 42 | 30 | 232 | 125 | 700 | 266 | 30 | 242 | 8x3/4" | 3671,1 | 62,10 | BA358-150-L |

For ATEX versions, the type is suffixed with -A at the end.

## Pressure-temperature diagram




Illustrations non-binding
Design, dimensional and material changes reserved



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