

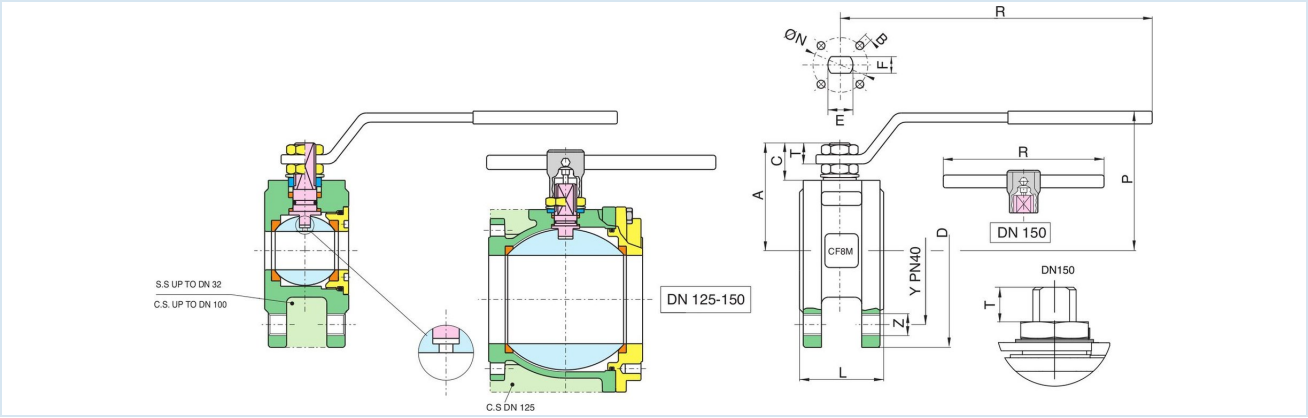
## Stainless steel flanged ball valves Series BA575



|                    |                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 EN1092-1 PN40                                                                                                                                                 |
| Materials          | Body and ball stainless steel 1.4401, Ball seal made of glass fiber reinforced PTFE, Spindle seal PTFE, O-rings EPDM, Hand lever steel plastic-coated                                           |
| 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 | -35...+150°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, ANSI flange, low dead-volume seals, Heating jacket for viscous media, Version for steam, oil-, grease- and silicone-free for oxygen on request |

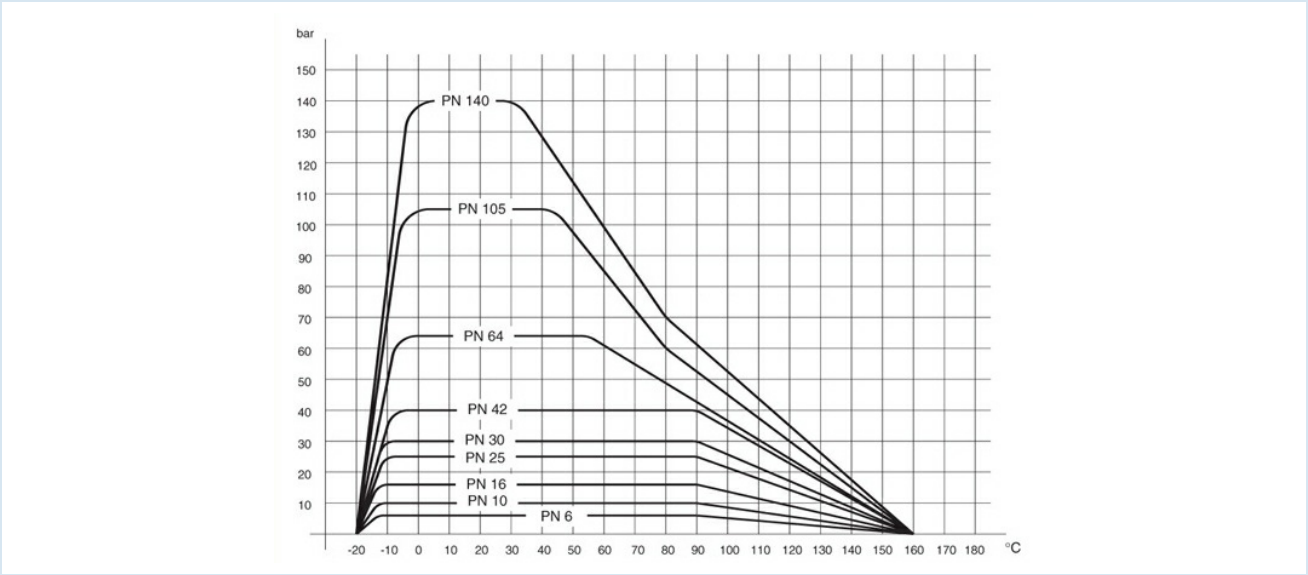


Dimensions



| DN<br>[mm] | PN<br>[bar] | A     | B     | C    | D   | E  | F  | L    | ØN  | P   | R   | T  | Y   | Z     | Kv value<br>[m³/h] | Weight<br>[approx. kg] | Type        |
|------------|-------------|-------|-------|------|-----|----|----|------|-----|-----|-----|----|-----|-------|--------------------|------------------------|-------------|
| 15         | 40          | 47    | 4xM5  | 15,5 | 90  | 10 | 7  | 35   | 32  | 65  | 131 | 9  | 65  | 4xM12 | 19,2               | 1,3                    | BA575-15-L  |
| 20         | 40          | 51,5  | 4xM5  | 15,5 | 100 | 10 | 7  | 40   | 32  | 69  | 131 | 9  | 75  | 4xM12 | 35,0               | 1,8                    | BA575-20-L  |
| 25         | 40          | 61    | 4xM5  | 19,5 | 115 | 12 | 8  | 46   | 42  | 80  | 174 | 11 | 85  | 4xM12 | 64,5               | 2,2                    | BA575-25-L  |
| 32         | 40          | 64,5  | 4xM5  | 16,5 | 140 | 12 | 8  | 54   | 42  | 84  | 174 | 11 | 100 | 4xM16 | 103,8              | 3,3                    | BA575-32-L  |
| 40         | 40          | 78    | 4xM6  | 24,5 | 150 | 16 | 10 | 63,5 | 50  | 102 | 250 | 13 | 110 | 4xM16 | 174,0              | 3,3                    | BA575-40-L  |
| 50         | 40          | 87    | 4xM6  | 25   | 165 | 16 | 10 | 82   | 50  | 111 | 250 | 13 | 125 | 4xM16 | 301,3              | 5,5                    | BA575-50-L  |
| 65         | 40          | 104,5 | 4xM8  | 25   | 185 | 20 | 14 | 103  | 70  | 128 | 321 | 18 | 145 | 8xM16 | 545,7              | 9,6                    | BA575-65-L  |
| 80         | 40          | 115   | 4xM8  | 28,5 | 200 | 20 | 14 | 122  | 70  | 138 | 321 | 18 | 160 | 8xM16 | 872,5              | 12,8                   | BA575-80-L  |
| 100        | 40          | 137   | 4xM10 | 34,5 | 220 | 24 | 18 | 152  | 102 | 156 | 381 | 22 | 190 | 8xM20 | 1363,3             | 21,1                   | BA575-100-L |
| 125        | 40          | 159   | 4xM10 | 34   | 270 | 24 | 18 | 196  | 102 | 178 | 381 | 22 | 220 | 8xM24 | 2360,3             | 56,5                   | BA575-125-L |
| 150        | 40          | 201,5 | 4xM12 | 51,5 | 300 | 42 | 30 | 232  | 125 | 266 | 700 | 30 | 250 | 8xM24 | 3671,1             | 68,5                   | BA575-150-L |

Pressure-temperature diagram



Illustrations non-binding  
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Flanged ball valve Series BA575