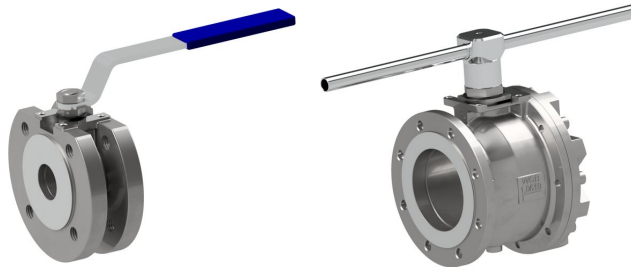
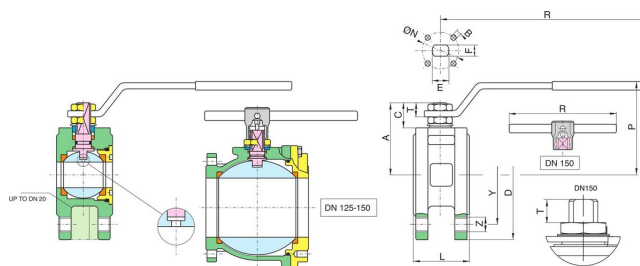


## Stainless steel flanged ball valves Series 721000



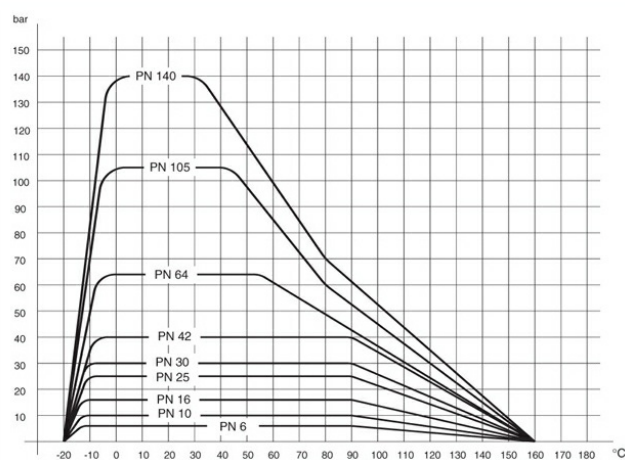
|                    |                                                                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type        | Shut-off valve with floating ball, full bore passage, Compensation borehole                                                                                                                                                                           |
| Actuation          | by 90° rotation of the hand lever                                                                                                                                                                                                                     |
| Connection         | Flanges DN15...DN150 according to EN1092-1 PN16                                                                                                                                                                                                       |
| Materials          | Body and ball stainless steel 1.4401, Ball seal PTFE, Spindle seal PTFE/FKM, Hand lever steel plastic-coated                                                                                                                                          |
| Application range  | Fluids and gases of group 1 and 2 according to 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 Rated pressure according to table and pressure-temperature diagram                                                                                                                                                   |
| Mounting type      | Installation in rigid piping system                                                                                                                                                                                                                   |
| Mounting position  | any                                                                                                                                                                                                                                                   |
| Approvals          | TA air                                                                                                                                                                                                                                                |
| Special versions   | antistatic version ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, Fire-safe, Flange ANSI, Flange PN40, low dead-volume seals, Heating jacket for viscous media, Version for steam, oil-, grease- and silicone-free for oxygen |





| Nominal size<br>DN[mm] | PN<br>[bar] | A     | B     | C    | D   | E  | F  | L    | ØN  | R   | P   | T  | Y   | Z     | Kv value<br>[m³/h] | Weight<br>[approx. kg] | Type       |
|------------------------|-------------|-------|-------|------|-----|----|----|------|-----|-----|-----|----|-----|-------|--------------------|------------------------|------------|
| 15                     | 16          | 47    | 4xM5  | 15,5 | 90  | 10 | 7  | 35   | 32  | 131 | 65  | 9  | 65  | 4xM12 | 19,2               | 1,35                   | 721000-15  |
| 20                     | 16          | 51,5  | 4xM5  | 15,5 | 100 | 10 | 7  | 40   | 32  | 131 | 69  | 9  | 75  | 4xM12 | 35,0               | 1,89                   | 721000-20  |
| 25                     | 16          | 61    | 4xM5  | 17   | 115 | 12 | 8  | 46   | 42  | 174 | 80  | 11 | 85  | 4xM12 | 64,5               | 2,18                   | 721000-25  |
| 32                     | 16          | 64,5  | 4xM5  | 15   | 140 | 12 | 8  | 54   | 42  | 174 | 84  | 11 | 100 | 4xM16 | 103,8              | 3,23                   | 721000-32  |
| 40                     | 16          | 78    | 4xM6  | 24,5 | 150 | 16 | 10 | 63,5 | 50  | 250 | 102 | 13 | 110 | 4xM16 | 174                | 4,45                   | 721000-40  |
| 50                     | 16          | 87    | 4xM6  | 25   | 165 | 16 | 10 | 82   | 50  | 250 | 111 | 13 | 125 | 4xM16 | 301,3              | 6,73                   | 721000-50  |
| 65                     | 16          | 104,5 | 4xM8  | 25   | 185 | 20 | 14 | 103  | 70  | 321 | 128 | 18 | 145 | 4xM16 | 545,7              | 10,57                  | 721000-65  |
| 80                     | 16          | 115   | 4xM8  | 28,5 | 200 | 20 | 14 | 122  | 70  | 321 | 138 | 18 | 160 | 8xM16 | 872,5              | 13,90                  | 721000-80  |
| 100                    | 16          | 137   | 4xM10 | 34,5 | 220 | 24 | 18 | 152  | 102 | 381 | 156 | 22 | 180 | 8xM16 | 1363,3             | 21,42                  | 721000-100 |
| 125                    | 16          | 159   | 4xM10 | 34   | 250 | 24 | 18 | 196  | 102 | 381 | 178 | 22 | 210 | 8xM16 | 2360,3             | 37,80                  | 721000-125 |
| 150                    | 16          | 201,5 | 4xM12 | 51,5 | 285 | 42 | 30 | 232  | 125 | 700 | 266 | 30 | 240 | 8xM20 | 3671,1             | 62,10                  | 721000-150 |

## Pressure-temperature diagram



Illustrations non-binding  
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Flanged ball valves - stainless steel / Flanged ball valve Series 721000

Version 5

150508 / Generated 2026/29 EN

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