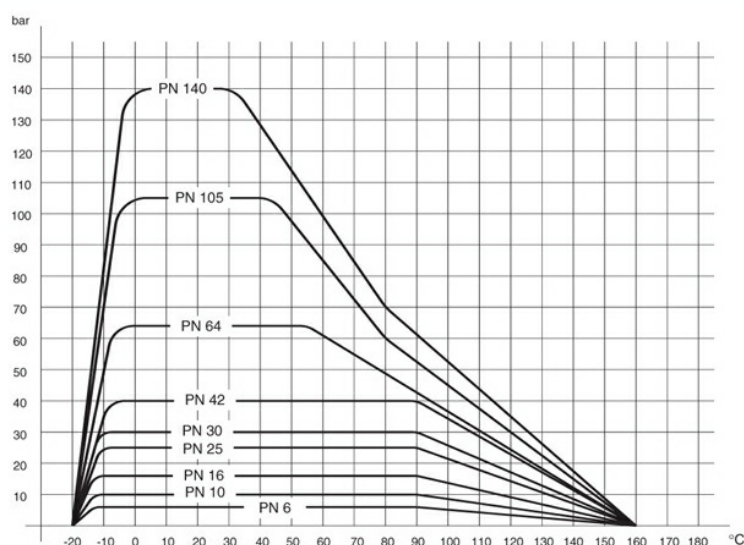


## Stainless steel flanged ball valves Series BA131-L

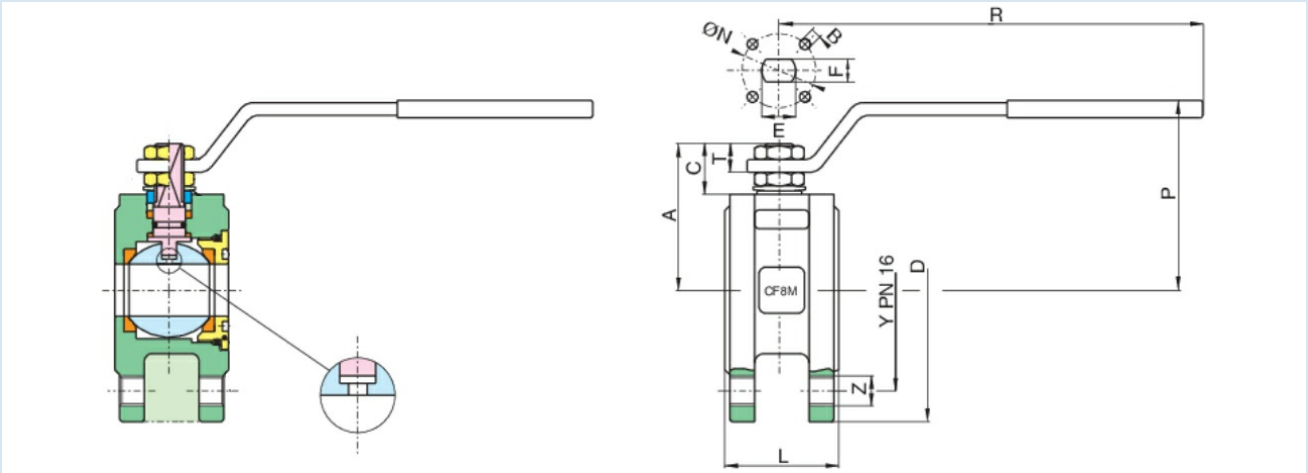


|                    |                                                                                                                                                                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type        | Shut-off valve with floating ball, full bore passage, Compensation hole                                                                                                                                                               |
| Actuation          | by 90° rotation of the hand lever                                                                                                                                                                                                     |
| Connection         | Flanges DN15...DN100 according to EN1092-1, PN16                                                                                                                                                                                      |
| Materials          | Body and ball stainless steel 1.4301, Ball seal PTFE, Stem seal PTFE/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 | -20...+160°C                                                                                                                                                                                                                          |
| Operating pressure | Vacuum max. 10 <sup>-3</sup> 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, Flange PN40, low dead-volume seals, Heating jacket for viscous media, Version for steam, oil-, grease- and silicone-free for oxygen, Low-temperature version on request |

### Pressure-temperature diagram



Dimensions



| DN<br>[mm] | PN<br>[bar] | A     | B     | C    | D   | E  | F  | L    | ØN  | R   | P   | T  | Y   | Z     | Kv value<br>[m <sup>3</sup> /h] | Weight<br>[approx. kg] | Type        |
|------------|-------------|-------|-------|------|-----|----|----|------|-----|-----|-----|----|-----|-------|---------------------------------|------------------------|-------------|
| 15         | 16          | 47    | 4xM5  | 15,5 | 90  | 10 | 7  | 35   | 32  | 131 | 65  | 9  | 65  | 4xM12 | 19,2                            | 1,40                   | BA131-15-L  |
| 20         | 16          | 51,5  | 4xM5  | 15,5 | 100 | 10 | 7  | 40   | 32  | 131 | 69  | 9  | 75  | 4xM12 | 35,0                            | 1,90                   | BA131-20-L  |
| 25         | 16          | 61    | 4xM5  | 17   | 115 | 12 | 8  | 46   | 42  | 174 | 80  | 11 | 85  | 4xM12 | 64,5                            | 2,20                   | BA131-25-L  |
| 32         | 16          | 64,5  | 4xM5  | 15   | 140 | 12 | 8  | 54   | 42  | 174 | 84  | 11 | 100 | 4xM16 | 103,8                           | 3,30                   | BA131-32-L  |
| 40         | 16          | 78    | 4xM6  | 24,5 | 150 | 16 | 10 | 63,5 | 50  | 250 | 102 | 13 | 110 | 4xM16 | 174                             | 4,20                   | BA131-40-L  |
| 50         | 16          | 87    | 4xM6  | 25   | 165 | 16 | 10 | 82   | 50  | 250 | 111 | 13 | 125 | 4xM16 | 301,3                           | 6,10                   | BA131-50-L  |
| 65         | 16          | 104,5 | 4xM8  | 25   | 185 | 20 | 14 | 103  | 70  | 321 | 128 | 18 | 145 | 4xM16 | 545,7                           | 10,00                  | BA131-65-L  |
| 80         | 16          | 115   | 4xM8  | 28,5 | 200 | 20 | 14 | 122  | 70  | 321 | 138 | 18 | 160 | 8xM16 | 872,5                           | 13,50                  | BA131-80-L  |
| 100        | 16          | 137   | 4xM10 | 34,5 | 220 | 24 | 18 | 152  | 102 | 381 | 156 | 22 | 180 | 8xM16 | 1363,3                          | 20,90                  | BA131-100-L |

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

Illustrations non-binding  
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materiales - A02 / Flanged ball valve Series BA131