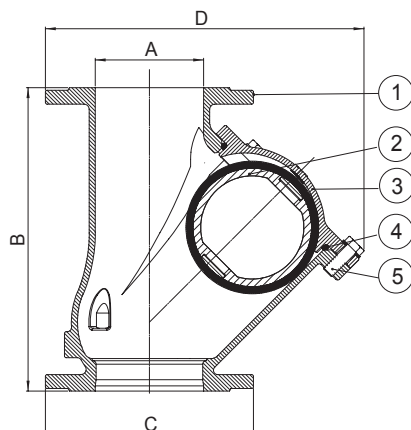




Cast iron ball type PN 10 DN 50 - 200



### Applications and special features

- Vertical ascending and horizontal position (position the ball housing above the axis of the pipe)
- Minimum head loss
- Silent, robust
- Non incrustating materials
- Closing system : ball lifted up by the liquid and guided to a lateral housing completely out of the way
- Sealing guaranteed by the coating of the ball.
- Maximum Temperature : 80 °C

### Working principle

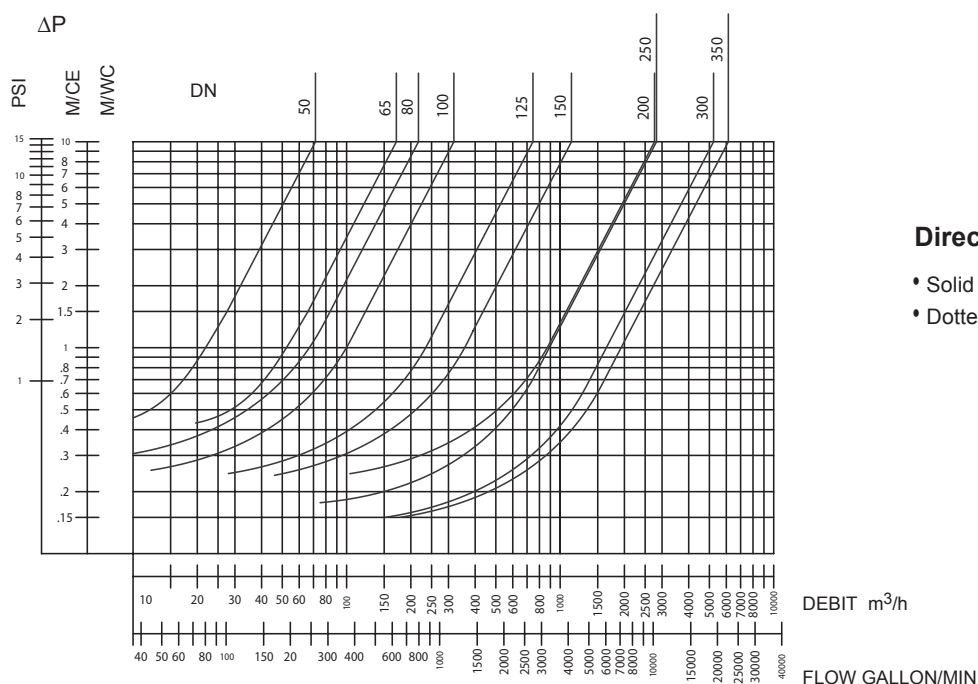
| DN    |     | Opening pressure in mm/CE |        | Kv    | ξ    |
|-------|-----|---------------------------|--------|-------|------|
| inch  | mm  | ↑                         | ↔      | m³/H  |      |
| 2     | 50  | 25                        | near 0 | 71.5  | 1.95 |
| 2 1/2 | 65  | 30                        |        | 171.5 | 0.97 |
| 3     | 80  | 160                       |        | 217.5 | 1.38 |
| 4     | 100 | 160                       |        | 319   | 1.57 |
| 5     | 125 | 170                       |        |       |      |
| 6     | 150 | 200                       |        |       |      |
| 8     | 200 | 250                       |        |       |      |

### Dimensions

| DN    | B    | C   | D   | Weight |
|-------|------|-----|-----|--------|
| “     | A mm | mm  | mm  | kg     |
| 2     | 50   | 200 | 165 | 5.5    |
| 2 1/2 | 65   | 240 | 185 | 9.1    |
| 3     | 80   | 260 | 200 | 13.3   |
| 4     | 100  | 300 | 220 | 20.9   |
| 5     | 125  | 350 | 250 | 27.5   |
| 6     | 150  | 400 | 285 | 35.7   |
| 8     | 200  | 500 | 340 | 63.7   |

### Spare parts list and materials

| Nb | Description          | Materials            | EURO          | ANSI                |
|----|----------------------|----------------------|---------------|---------------------|
| 1  | Casing               | Ductile iron + epoxy | EN-GJS-400.15 | ASTM A 536 60-40-18 |
| 2  | Ball DN 50 up to 100 | Aluminium + NBR      |               |                     |
|    | DN 125 up to 200     | Cast iron + NBR      | EN-GJL-250    | ASTM A 48 35 B      |
| 3  | Cap                  | Ductile iron + epoxy | EN-GJS-400.15 | ASTM A 536 60-40-18 |
| 4  | Seal                 | NBR                  |               |                     |
| 5  | Screw                | Stainless steel      | X5Cr-Ni18-10  | AISI 304            |



### Direction for use :

- Solid line : Valve completely open
- Dotted line : opening stage of valve