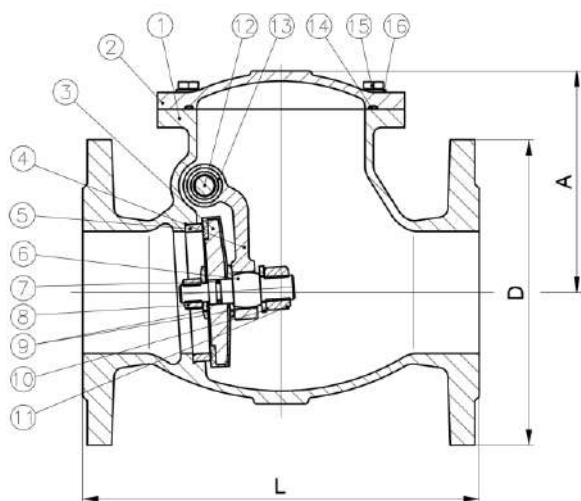


## Art2455 Ductile Iron Swing Check Valve (PN16 Flanged)

### Features

1. Swing check valve.
2. Flanged ends according to EN 1092 PN 16.
3. Face to Face according to EN 558 series 48 (DIN 3202 F6).
4. Made of Ductile Iron EN-GJS-400 (GGG-40).
5. External and internal coating of epoxy paint.
6. EPDM vulcanized to the disc.
7. Stainless Steel screws.
8. Max. Working pressure 16 bar.
9. Working temperature -10 °C + 120 °C.



| Nº | Name      | Material                       | Surface Treatment |
|----|-----------|--------------------------------|-------------------|
| 1  | Body      | Ductile Iron EN GJS 400        | Epoxy Coated      |
| 2  | Cover     | Ductile Iron EN GJS 400        | Epoxy Coated      |
| 3  | Disc      | Ductile Iron EN GJS 400 + EPDM |                   |
| 4  | Bracket   | Ductile Iron EN GJS 400        |                   |
| 5  | Seat      | Bronze C954                    |                   |
| 6  | Disc Stem | Stainless Steel 420            |                   |
| 7  | O-Ring    | EPDM                           |                   |
| 8  | Nut       | Stainless Steel 304            |                   |
| 9  | Washer    | Stainless Steel 420            |                   |
| 10 | Washer    | Stainless Steel 420            |                   |

|    |              |                     |  |
|----|--------------|---------------------|--|
| 11 | Nut          | Stainless Steel 304 |  |
| 12 | Bracket Stem | Stainless Steel 420 |  |
| 13 | O-Ring       | EPDM                |  |
| 14 | O-Ring       | EPDM                |  |
| 15 | Screw        | Stainless Steel 304 |  |
| 16 | Washer       | Stainless Steel 304 |  |

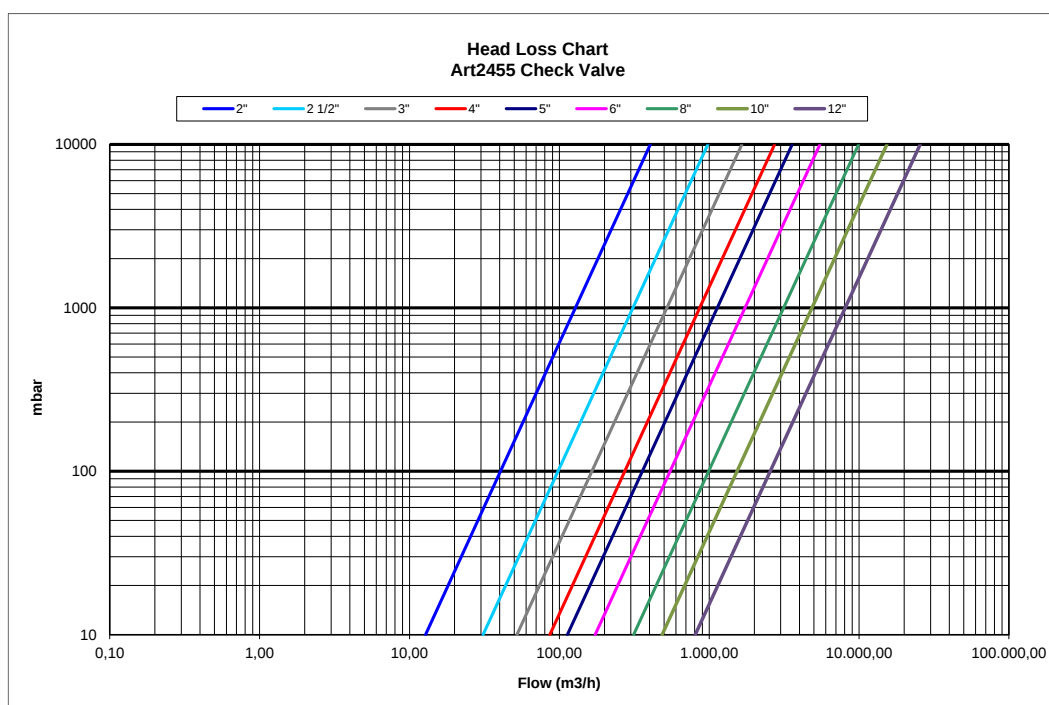
## General Dimensions

| Ref     | Size        | PN | Dimensions (mm) |     |     | Weight (Kg) |
|---------|-------------|----|-----------------|-----|-----|-------------|
|         |             |    | D               | A   | L   |             |
| 2455 09 | DN50-2"     | 16 | 165             | 115 | 200 | 9,2         |
| 2455 10 | DN65-2 1/2" | 16 | 185             | 128 | 240 | 11,8        |
| 2455 11 | DN80-3"     | 16 | 200             | 145 | 260 | 15,2        |
| 2455 12 | DN100-4"    | 16 | 220             | 163 | 300 | 20,1        |
| 2455 13 | DN125-5"    | 16 | 250             | 190 | 350 | 28,7        |
| 2455 14 | DN150-6"    | 16 | 285             | 207 | 400 | 39,1        |
| 2455 16 | DN200-8"    | 16 | 340             | 253 | 500 | 61,6        |
| 2455 18 | DN250-10"   | 16 | 405             | 302 | 600 | 95,5        |
| 2455 20 | DN300-12"   | 16 | 460             | 336 | 700 | 137,5       |

## Kv Values

Kv: Water flow rate in cubic meter per hour (m<sup>3</sup>/h) that generates 1 bar pressure drop across the valve.

| 2"   | 2 1/2" | 3"   | 4"    | 5"    | 6"    | 8"    | 10"   | 12"   |
|------|--------|------|-------|-------|-------|-------|-------|-------|
| DN50 | DN65   | DN80 | DN100 | DN125 | DN150 | DN200 | DN250 | DN300 |
| 128  | 310    | 522  | 865   | 1133  | 1733  | 3137  | 4848  | 8080  |





### Pressure/Temperature Rating

