

## ECON® Float valve Type: 735 Angle Pattern Float material: Steel epoxy coating Flange



Automatically operating valves, specifically for keeping reservoirs filled.

type: 735 is a cast iron float valve, angle pattern, stainless steel trim and a epoxy coated steel float. Available in sizes DN25-DN200 with PN10 flanges.

### Characteristics

**Type:** 735

**Norm:** EN (DIN)

**Construction type:** Angle Pattern

**Material quality:** EN-JL1040

**Surface protection:** Standard manufacturers coating

**Connection:** Flange

**Pressure rating:** PN10

**Pressure rating flange:** PN10

**Flange finish:** Raised face

**Face to Face norm:** EN 558, Series 8

**With float:** Yes

**Sealing:** EPDM

### Characteristics [2]

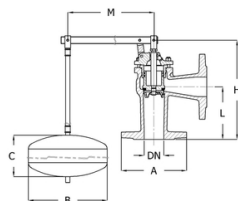
**Float material:** Steel epoxy coating

**Material floating rod:** Steel, galvanized

**Minimum medium temperature (continuous):** -10 °C

**Maximum medium temperature (continuous):** 100 °C

**Maximum pressure difference at 20 °C:** 10 bar



| DN<br>[mm] | A<br>[mm] | L<br>[mm] | H<br>[mm] | M<br>[mm] | B<br>[mm] | C<br>[mm] | Weight<br>[kg] |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|
| 25         | 115       | 100       | 236       | 700       | 270       | 220       | 9.5            |
| 32         | 140       | 105       | 244       | 700       | 270       | 220       | 10.7           |
| 40         | 150       | 115       | 262       | 700       | 350       | 200       | 15.0           |
| 50         | 165       | 125       | 277       | 700       | 350       | 200       | 20.0           |
| 65         | 185       | 145       | 341       | 700       | 400       | 250       | 26.0           |
| 80         | 200       | 155       | 352       | 800       | 400       | 250       | 29.0           |
| 100        | 220       | 175       | 391       | 900       | 400       | 300       | 37.0           |
| 125        | 250       | 200       | 480       | 1100      | 500       | 300       | 54.0           |
| 150        | 285       | 225       | 549       | 1200      | 500       | 300       | 81.0           |
| 200        | 340       | 275       | 663       | 1450      | 500       | 400       | 130.0          |

10 bar from -10°C to +120°C

The specified max. operating pressure is also the maximum against which the valve will still close.

| Housing material | Nominal inner diameter | Face to Face length<br>mm | Float diameter<br>mm | Float rod length<br>mm | Kv value<br>m³/h | Article  |
|------------------|------------------------|---------------------------|----------------------|------------------------|------------------|----------|
| Cast iron        | DN25                   | 100                       | 270                  | 700                    | 16               | 12391520 |
| Cast iron        | DN32                   | 105                       | 270                  | 700                    | 22               | 12391521 |
| Cast iron        | DN40                   | 115                       | 350                  | 700                    | 31               | 12391522 |
| Cast iron        | DN50                   | 125                       | 350                  | 700                    | 50               | 12391523 |
| Cast iron        | DN65                   | 145                       | 400                  | 700                    | 78               | 12391524 |
| Cast iron        | DN80                   | 155                       | 400                  | 800                    | 90               | 12391525 |
| Cast iron        | DN100                  | 175                       | 400                  | 900                    | 130              | 12391526 |
| Cast iron        | DN125                  | 200                       | 500                  | 1100                   | 196              | 12391527 |
| Cast iron        | DN150                  | 225                       | 500                  | 1200                   | 266              | 12391528 |
| Cast iron        | DN200                  | 275                       | 500                  | 1450                   | 450              | 12391529 |

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