



## Flow control valves



Art. CV400X

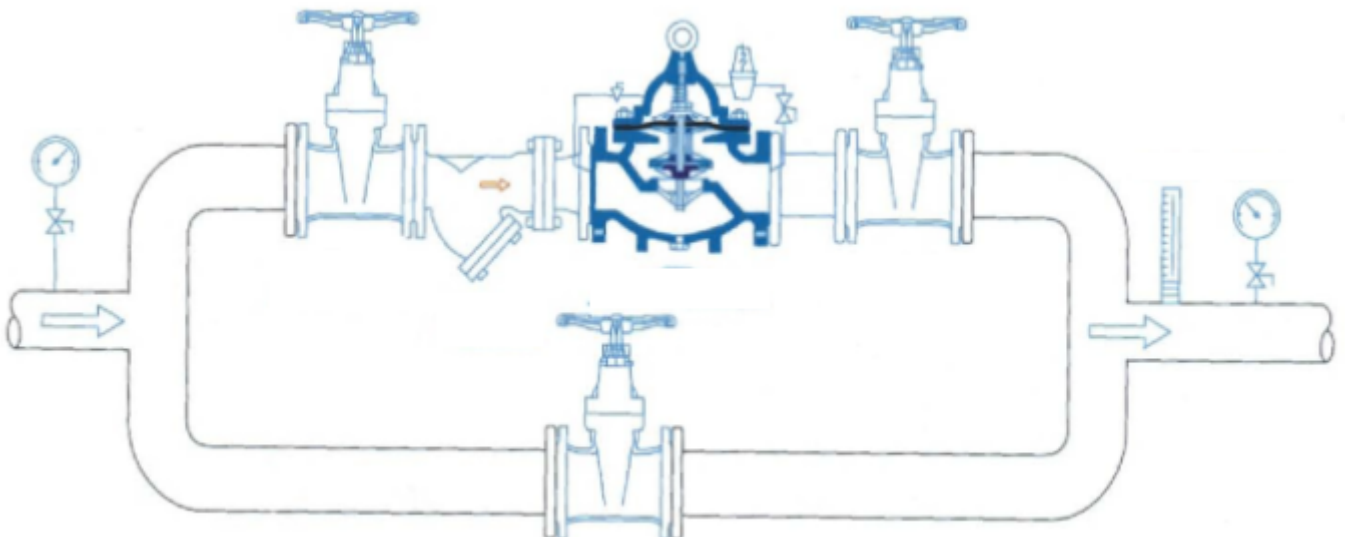
Flanges drilling: UNI EN 1092-2 PN 10, PN 16, PN 25

Installation: horizontal

FIELDS OF APPLICATION: ° civil and industrial plants °  
water distribution system plants

Epoxy painting suitable for potable drinking water  
applications

This flow control valve works with a very accurate pilot valve, suitable for control of both flow and pressure, to keep a preset flow value, to limit any excess of flow or upstream pressure, while downstream will not change, even if the pressure of main valve may change in downstream. Very high accuracy of level control, debug service, easy to install and to maintain.



## Materials

|                      |                                |
|----------------------|--------------------------------|
| body - bonnet - disc | ductile iron GGG40, EN-GJS-400 |
| stem                 | 2Cr13                          |
| seat                 | 2Cr13                          |
| O ring               | NBR                            |
| diaphragm            | nylon reinforced rubber        |
| spring               | stainless steel                |
| ball valve           | copper alloy                   |
| painting             | epoxy                          |

## Dimensions

| DN  | L mm | PN 16 | H mm  |      |
|-----|------|-------|-------|------|
|     |      | D mm  | D1 mm |      |
| 50  | 203  | 160   | 125   | 395  |
| 65  | 235  | 180   | 145   | 405  |
| 80  | 285  | 195   | 160   | 430  |
| 100 | 360  | 215   | 180   | 510  |
| 125 | 400  | 245   | 210   | 560  |
| 150 | 455  | 280   | 240   | 585  |
| 200 | 585  | 335   | 295   | 675  |
| 250 | 650  | 405   | 355   | 730  |
| 300 | 800  | 460   | 410   | 760  |
| 350 | 860  | 520   | 470   | 840  |
| 400 | 915  | 580   | 525   | 910  |
| 450 | 980  | 640   | 585   | 1030 |
| 500 | 1075 | 705   | 650   | 1135 |

