



# AUTEXIER

MANUFACTURER OF INDUSTRIAL VALVES

93 Rue Louis Blanc - 02300 CHAUNY - FRANCE  
Phone : +33 (0)3 23 52 02 86 Fax : +33 (0)3 23 39 52 28  
Website : [www.autexier.fr](http://www.autexier.fr)

Ref. 180-280-380 Family:27

Rev. 12

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## BRONZE SAFETY VALVE

Ref. 180.Ø / 280.Ø / 380.Ø / 380BPØ

### SERIES :

- 180 : Bronze Disc
- 280 : PTFE Disc
- 380 : FPM Disc
- 380BP : Silicone Disc (low pressure)
- Male inlet
- Free outlet

*For material compatibility, contact us*

### CARACTERISTICS :

- PN40 (Nominal Pressure)
- ENDS : BSP thread
- MATERIAL : BRONZE CC491K

### MAXIMUM CONDITIONS OF USE :

- Ref. 180 : 40 bar of -50°C to 225°C
- Ref. 280 : 40 bar of -50°C to 225°C
- Ref. 380 : 40 bar of -15°C to 200°C
- Ref. 380BP : 40 bar of -50°C to 200°C

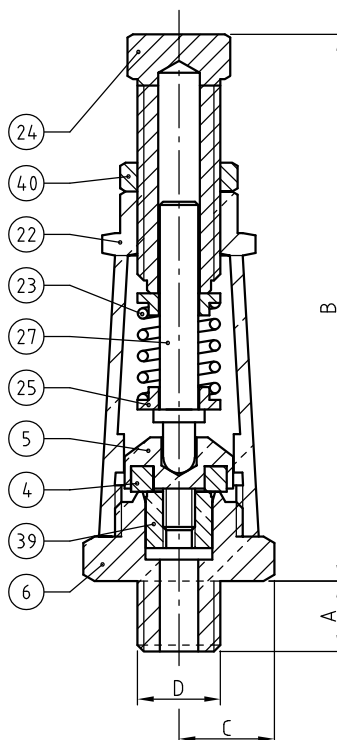
### APPLICATIONS :

- Compressed air
- Non-toxic gases
- Oxygen

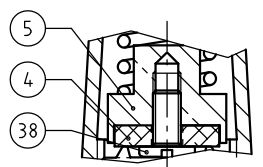
### OPTIONS :

- NPT connection
- Flange connection
- Degreased disc / seat

*Specific dimensions, contact us*



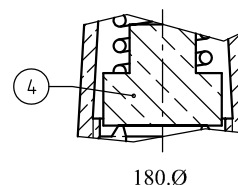
280 : DN08 to 15 and 80  
380.80 / 380.80BP



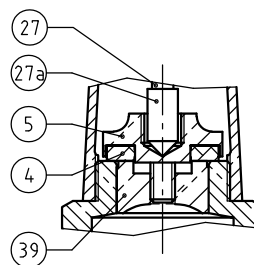
380 / 380BP : DN08 to 25



*Subject to modifications*



180.Ø



280 : DN20 to 65  
380 / 380BP : DN32 to 65

### NOMENCLATURE

| Rep | Qty   | Designation            | Material                                                  |
|-----|-------|------------------------|-----------------------------------------------------------|
| 4   | 1     | DISC                   | 180:BRASS / BRONZE / 280:PTFE<br>380:FPM / 380BP:Silicone |
| 5   | 1     | DISC HOLDER            | BRASS / BRONZE (DN32 to 80)                               |
| 6   | 1     | SEAT                   | BRASS (DN08 & 12) / BRONZE                                |
| 22  | 1     | LANTERN                | BRONZE                                                    |
| 23  | 1     | SPRING                 | STAINLESS STEEL 302                                       |
| 24  | 1     | ADJUSTING SCREW        | BRASS                                                     |
| 25  | 1 / 2 | CARRIER                | BRASS / BRONZE (280 & 380 DN65 to 80)                     |
| 27  | 1     | NEEDLE                 | BRASS                                                     |
| 27a | 1     | TIP NEEDLE             | BRASS(380 DN32 to 65)                                     |
| 38  | 1     | SCREW (380 DN08 to 25) | STAINLESS STEEL A4-70                                     |
| 39  | 1     | FIN                    | BRONZE                                                    |
| 40  | 1     | NUT                    | BRASS                                                     |

### REFERENCES NORMS :

- Material : NF EN 1982 - NF EN 12163 - NF EN 12164 - NF EN 10272
- Testing & checking : NF EN 12266-1/-2 (bench test)
- Thread : ISO 228-1

Ref. instruction of assembling : 0904DA091E

Ref. instruction of operation : 0904DA154E

**Mounting & assembly guides are available  
on our website.**

### DIMENSIONS

| DN                     | 08    | 12    | 15    | 20    | 25    | 32    | 40    | 50     | 65    | 80     |
|------------------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| A (mm)                 | 11    | 11    | 15    | 19    | 21    | 22    | 23    | 27     | 32    | 34     |
| B Maxi (mm)            | 91    | 92    | 118   | 138   | 152   | 192   | 212   | 255    | 275   | 326    |
| C (mm)                 | 23    | 23    | 28    | 34    | 36    | 42    | 50    | 55     | 67    | 80     |
| D                      | 1/4   | 3/8   | 1/2   | 3/4   | 1     | 1 1/4 | 1 1/2 | 2"     | 2 1/2 | 3"     |
| Weight (Kg)<br>Ref.180 | 0.160 | 0.163 | 0.309 | 0.603 | 0.861 | 1.260 | 1.841 | 2.875  | 4.480 | 7.860  |
| Weight (Kg)<br>Ref.280 | 0.160 | 0.180 | 0.311 | 0.603 | 0.885 | 1.276 | 1.860 | 2.640  | 4.415 | 8.020  |
| Weight (Kg)<br>Ref.380 | 0.173 | 0.166 | 0.311 | 0.603 | 0.885 | 1.276 | 1.860 | 2.890  | 4.415 | 7.205  |
| S Inlet<br>(mm²)       | 28.3  | 50.2  | 78.5  | 226.9 | 346.4 | 660.5 | 881.1 | 1385.4 | 1963  | 3216.9 |

*These data are for information and can be modified without notice. It is not up to us to appreciate specifications. It is up to the customer to verify the adequacy between the equipment chosen and the real conditions of use.*