



AUTEXIER

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Ref. 180-280-380 Family: 27

Rev. 11

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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 : GAZ threads
- 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

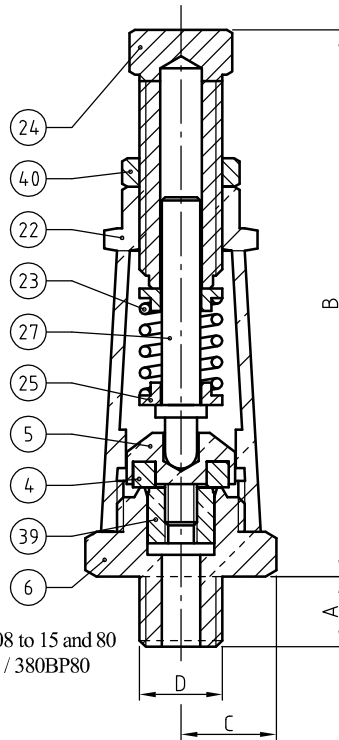
OPTIONS :

- NPT connection
- Flange connection
- Degreased disc / seat

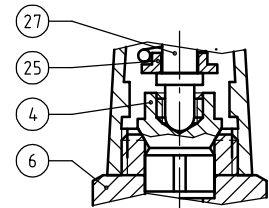
Specific dimensions, contact us



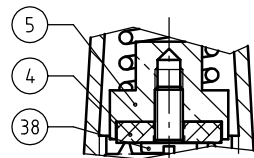
Subject to modifications



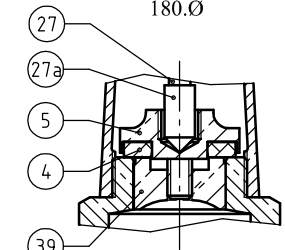
280 : DN08 to 15 and 80
380.80 / 380BP80



180.Ø



380 / 380BP : DN08 to 25



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

NOMENCLATURE

| Rep | Qty | Designation | Material |
|-----|-------|------------------------|---------------------------------------------------|
| 4 | 1 | DISC | 180:BRONZE / 280:PTFE 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 |
| 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 |
| 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)

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) Ref.180 | 0.160 | 0.163 | 0.309 | 0.603 | 0.861 | 1.260 | 1.841 | 2.875 | 4.480 | 7.860 |
| Weight (Kg) Ref.280 | 0.160 | 0.180 | 0.311 | 0.603 | 0.885 | 1.276 | 1.860 | 2.640 | 4.415 | 8.020 |
| Weight (Kg) Ref.380 | 0.173 | 0.166 | 0.311 | 0.603 | 0.885 | 1.276 | 1.860 | 2.890 | 4.415 | 7.205 |
| S Inlet (mm ²) | 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.