



AUTEXIER

MANUFACTURER OF INDUSTRIAL VALVES

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Ref. 281-381 Family : 27

Rev. 00

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BRONZE SAFETY VALVE

Ref. 281.Ø.Ø / 381.Ø.Ø / 381.Ø.ØBP

SERIES :

- 281.Ø.Ø : PTFE Disc
- 381.Ø.Ø : FPM Disc
- 381.Ø.ØBP : VMQ Disc (low pressure)
- Male inlet / Female outlet

For material compatibility, contact us

CARACTERISTICS :

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

MAXIMUM CONDITIONS OF USE :

- Ref. 281.Ø.Ø : 40 bar of -50°C to 225°C
- Ref. 381.Ø.Ø : 40 bar of -15°C to 200°C
- Ref. 381.Ø.ØBP : 40 bar of -50°C to 220°C

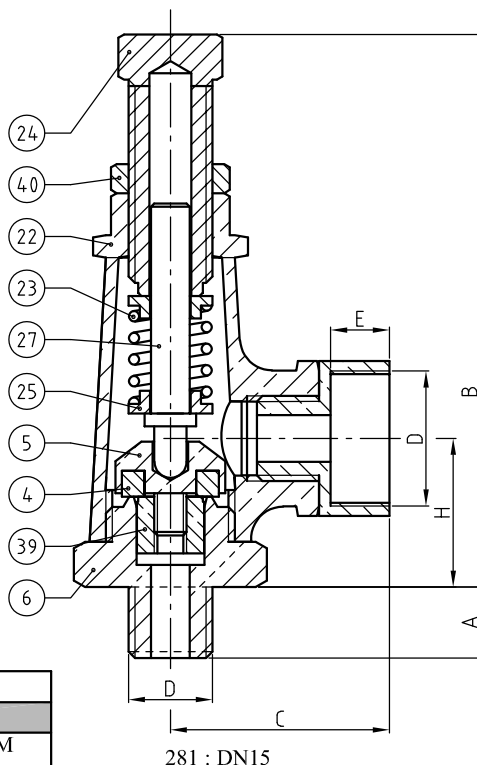
APPLICATIONS :

- Hot water & industrial fluids
- Water-based fluids
- Low pressure steam (8bar)
- Neutral gases (compressed air, ...)

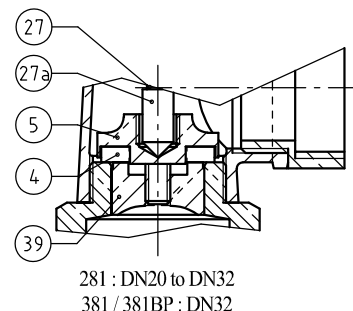
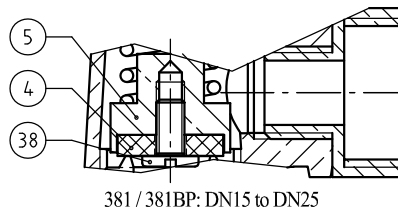
OPTIONS :

- NPT connection
- Flanges connection
- Degreased disc / seat
- Bonnet tightness

Specific dimensions, contact us



Subject to modifications



NOMENCLATURE			
Rep	Qty	Designation	Material
4	1	DISC	281:PTFE / 381:FPM 381BP:VMQ
5	1	DISC HOLDER	BRASS/BRONZE(DN32)
6	1	SEAT	BRONZE
22	1	LANTERN	BRONZE
23	1	SPRING	STAINLESS STEEL 302
24	1	ADJUSTING SCREW	BRASS
25	1 / 2	CARRIER	BRASS
27	1	NEEDLE	BRASS
27a	1	TIP NEEDLE	BRASS (381 DN32)
38	1	SCREW (380 DN15 to 25)	STAINLESS STEEL ⁽²⁾
39	1	FIN	BRONZE
40	1	NUT	BRASS
69	1	SLEEVE	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)
- Threads : ISO 228-1
- Stainless steel fasteners : ⁽¹⁾ NF EN ISO 3506-1/-2 (A4-70)
or NF EN 10269 (1.4404 or 1.4401) / ⁽²⁾ STAINLESS STEEL A4-70 or its equivalent

Ref. instruction of assembling : 0904DA091E

Ref. instruction of operation : 0904DA155E

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

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.

DIMENSIONS				
DN	15/20	20/25	25/32	32/40
A (mm)	15	19	21	22
B Maxi (mm)	118	138	152	192
C (mm)	42*	50*	53*	61*
D	G 1/2"	G 3/4"	G 1"	G 1 1/4"
E (mm)	10	12	14	15
H (mm)	37	47	56	60
O	G 3/4"	G 1"	G 1 1/4"	G 1 1/2"
Weight (Kg) Ref. 281	0.412	0.735	1.090	1.602
Weight (Kg) Ref. 381	0.425	0.739	1.165	1.595
S Inlet (mm²)	78.5	226.9	346.4	660.5
S Outlet (mm²)	272.6	456.8	720.6	1191.6

**Under reserve*