



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

Ref. 481 Family : 27

Rev. 13

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BRONZE SAFETY VALVE

Ref. 481.Ø / 481TØ / 481BPØ

SERIES :

- 481 : FPM Disc
- 481T : PTFE Disc
- 481BP : VMQ Disc (low pressure)
- Female inlet / outlet

For material compatibility, contact us

CARACTERISTICS :

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

MAXIMUM CONDITIONS OF USE :

- Ref. 481: 40 bar of -15°C to 200°C
- Ref. 481T: 40 bar of -50°C to 225°C
- Ref. 481BP: 40 bar of -50°C to 220°C

APPLICATIONS :

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

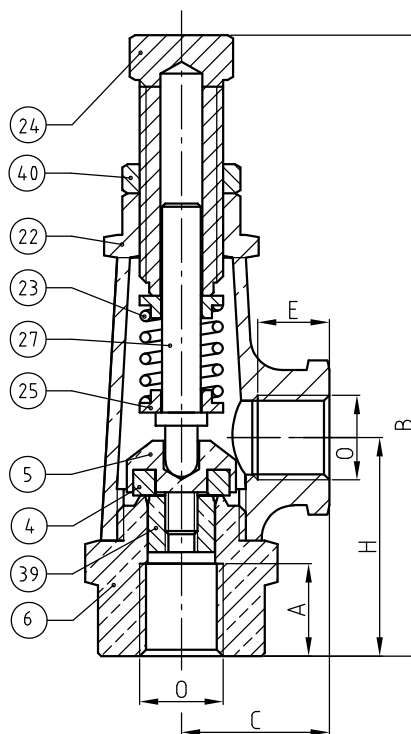
OPTIONS :

- NPT connection
- Flange connection
- Degreased disc
- Bonnet tightness

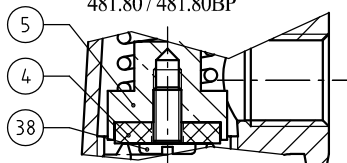
Specific dimensions, contact us



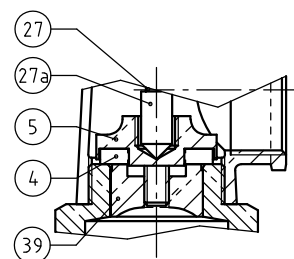
Subject to modifications



481T: DN08 to DN5 and DN80
481.80 / 481.80BP



481.Ø / 481BPØ DN08 to DN25



481T: DN20 to DN65
481 / 481BP: DN32 to DN65

	A	B	C	D
1	NOMENCLATURE			
2	Rep	Qty	Designation	Material
3	4	1	DISC	481:FPM / 481T:PTFE 481BP:VMQ
4	5	1	DISC HOLDER	BRASS/BRONZE (DN32 to 80)
5	6	1	SEAT	BRASS (DN08 & 12)/BRONZE
6	22	1	LANTERN	BRONZE
7	23	1	SPRING	STAINLESS STEEL 302
8	24	1	ADJUSTING SCREW	BRASS
9	25	1 / 2	CARRIER	BRASS / BRONZE (DN65 & 80)
10	27	1	NEEDLE	BRASS
11	27a	1	TIP NEEDLE	BRASS (481 DN32 to 65)
12	38	1	SCREW (DN08 to 25)	STAINLESS STEEL A4-70
13	39	1	FIN	BRONZE
14	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)
- Threads : ISO 228-1
- Stainless steel fasteners : NF EN 10269

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	08	12	15	20	25	32	40	50	65	80
A (mm)	14.4	14.4	18	19	21	22	23	27	32	34
B _{Maxi} (mm)	102	103	133	157	173	214	235	282	307	360
C (mm)	23	23	28	34	36	42	50	55	67	80
E (mm)	12	12	14	17	17	18	19	21	28	32
H (mm)	34	34	52	66	77	82	92	109	126	144
O	G 1/4"	G 3/8"	G 1/2"	G 3/4"	G 1"	G 1 1/4"	G 1 1/2"	G 2"	G 2 1/2"	G 3"
Weight (Kg) Ref. 481	0.210	0.200	0.445	0.802	1.250	1.720	2.400	3.630	5.528	9.753
S Inlet (mm ²)	28.3	50.2	78.5	226.9	346.4	660.5	881.1	1385.4	1963	3216.9
S Outlet (mm ²)	102.8	175.5	272.6	456.8	720.6	1191.6	1578.7	2521	4095	5661