



# AUTEXIER

MANUFACTURER OF INDUSTRIAL VALVES

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Ref. 480 Family : 27

Rev. 09

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## BRONZE SAFETY VALVE

Ref. 480.Ø / 480TØ / 480.ØBP

### SERIES :

- 480 : FPM Disc
- 480T : PTFE Disc
- 480BP : VMQ Disc (low pressure)
- Female inlet / free outlet

*For material compatibility, contact us*

### CARACTERISTICS :

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

### MAXIMUM CONDITIONS OF USE :

- Ref. 480 : 40 bar of -15°C to 200°C
- Ref. 480T : 40 bar of -50°C to 225°C
- Ref. 480BP : 40 bar of -50°C to 220°C

### APPLICATIONS :

- Compressed air
- Non-toxic
- Oxygen

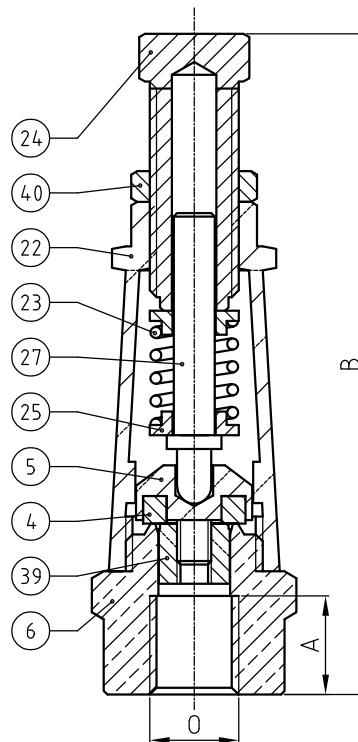
### OPTIONS :

- NPT connection
- Flange connection
- Degreased disc

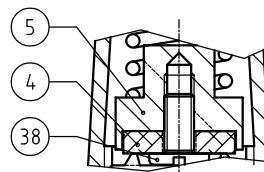
*Specific dimensions, contact us*



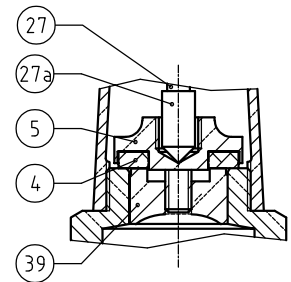
*Subject to modifications*



480T: DN08 to DN15 and DN80  
480.80 / 480.80BP



480.Ø / 480BP: DN08 to DN25



480T: DN20 to DN65  
480 / 480BP: DN32 to DN65

### NOMENCLATURE

Rep	Qty	Designation	Material
4	1	DISC	480:FPM / 480T:PTFE 480BP:VMQ
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 (DN65 & 80)
27	1	NEEDLE	BRASS
27a	1	TIP NEEDLE	BRASS (DN32 to 80)
38	1	SCREW (DN08 to 25)	STAINLESS STEEL A4
39	1	FIN	BRONZE (DN32 to 80)
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)
- Female thread : ISO 228-1

Ref. instruction of assembling : 0904DA091E

Ref. instruction of operation : 0904DA154E

**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
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. 480	0.180	0.180	0.311	0.616	1.105	1.546	2.125	3.370	4.415	8.020