



SERIES :

- 190.Ø : FPM disc
- 190BPØ : Silicone disc (low pressure)
- 290.Ø : Metal disc
- 390.Ø : PTFE disc
- Male inlet / female outlet
- With lifting test handlever



Subject to modifications

CHARACTERISTICS :

- PN40 (Nominal Pressure)
- ENDS : GAZ Threads
- MATERIAL : BRONZE CC491K

MAXIMUM CONDITIONS OF USE :

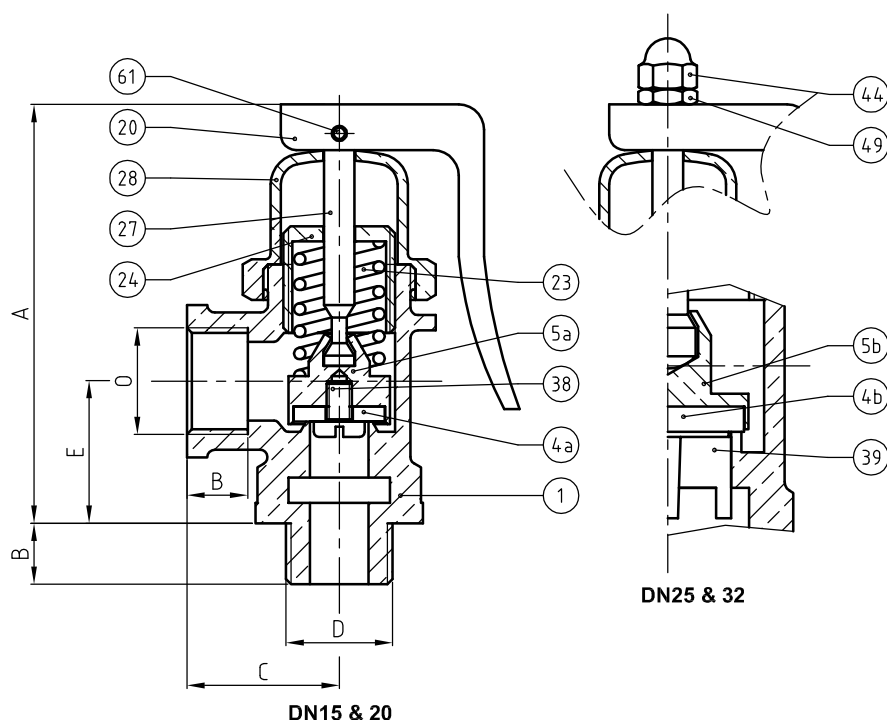
- Ref. 190: 40 bar of -15°C to 200°C
- Ref. 190BP: 40 bar of -50°C to 200°C
- Ref. 290: 40 bar of -196°C to 225°C
- Ref. 390: 40 bar of -196°C to 225°C

APPLICATIONS :

- Hot water and Industrial fluids
- Water-based fluids
- Steam up to 8 bar (FPM)
- Steam 8 to 15 bar (PTFE / Metal)
- Neutral gases (compressed air,...)

OPTIONS :

- Nickel coating
- Degreased disc
- Flanged or NPT connection



DIMENSIONS				
DN	15	20	25	32
A (mm)	88	100	120	149
B (mm)	12	14	16	18
C (mm)	30	35	40	45
E (mm)	28	35	39	43
D	1/2"	3/4"	1"	1 1/4"
O	1/2"	3/4"	1"	1 1/4"
Weight (Kg)	0.405	0.555	1.062	1.585
S inlet (mm²)	103.9	227.0	490.9	706.9
S outlet (mm²)	272.6	456.8	720.6	1191.6

REFERENCES NORMS :

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

Ref. instruction of assembling: 0904DA091E

Ref. instruction of operation: 0904DA094E

NOMENCLATURE			
Rep	Qty	Designation	Material
1	1	BODY	BRONZE
4a	1	DISC (DN15-20)	190:FPM / 190BP:Silicone 290:ALU BRONZE / 390:PTFE
4b	1	DISC (DN25-32)	190:FPM / 190BP:Silicone 290:ALU BRONZE / 390:PTFE
5a	1	DISC HOLDER (DN15-20)	BRASS
5b	1	DISC HOLDER (DN25-32)	BRASS
20	1	LEVER	BRONZE
23	1	SPRING	STAINLESS STEEL
24	1	ADJUSTING SCREW	BRASS
27	1	NEEDLE	BRASS
28	1	CAP	BRONZE
38	1	SCREW (DN15-20)	BRASS
39	1	FIN (DN25-32)	BRONZE
44	1	CAP NUT	BRASS (DN25-32)
49	1	LOCK NUT	BRASS (DN25-32)
61	1	PIN	STAINLESS STEEL