

## APTL type. Pulsation damper with exchangeable diaphragm and reinforcement rings

### Technical data

**Operating pressure:**  
APTL 0.1>15 max 50 bar / 100 bar a 80°C

**Gas filling (nitrogen only):** max. 90% of min. operating pressure

**Admissible pressure ratio:** max.  $\leq 10/1$

**Operating temperature:** -20 +140°C

**Mounting:** any position

### Standard construction characteristics

**Material of body:**  
APTL 0.1>15 stainless steel AISI 316L. PTFE coated carb. steel, S/Hastelloy, Inconel etc. on request.

**Reinforcement rings, screws and nuts:** carbon steel

### APTL 0.1>15

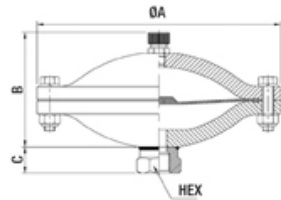


Fig. I

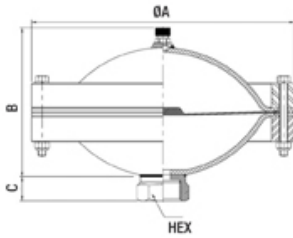


Fig. II

Type	Nominal volume cm <sup>3</sup>	Pressure max. bar 80°C	Stainless steel	Carbon steel	Duplex steel	P.F.C E	Gas valve	Dimensions mm				Weight		Fig.
								A	ØB	ØD	C	HEX	kg	
APTL 0.1	100	50 a 80°C	-	-	-	1/2">2"Gas	5/8"UNF	310	177	230	-	22.3 to 35	0	1
APTL 0.35	350	50 a 80°C	-	-	-	1/2">2"Gas	5/8"UNF	430	177	300	-	22.3 to 35	0	1
APTL 0.5	500	50 a 80°C	-	-	-	1/2">2"Gas	5/8"UNF	440	202	300	-	22.3 to 35	0	1
APTL 0.75	750	50 a 80°C	-	-	-	1/2">2"Gas	5/8"UNF	520	202	300	-	22.3 to 35	0	1
APTL 1.0	1.000	50 a 80°C	-	-	-	1/2">2"Gas	5/8"UNF	620	202	300	-	22.3 to 63.5	0	2
APTL 1.5	1.500	50 a 80°C	-	-	-	1/2">2"Gas	5/8"UNF	-	-	-	-	22.3 to 63.5	0	2
APTL 3.0	3.000	50 a 80°C	-	-	-	1">3"Gas	5/8"UNF	-	-	-	-	35 to 88.9	0	2
APTL 5.0	5.000	50 a 80°C	-	-	-	1">3"Gas	5/8"UNF	-	-	-	-	35 to 88.9	0	2
APTL 10	10.000	50 a 80°C	-	-	-	2">3"Gas	5/8"UNF	-	-	-	-	35 to 88.9	0	2
APTL 15	15.000	50 a 80°C	-	-	-	2">3"Gas	5/8"UNF	-	-	-	-	35 to 88.9	0	2