

Media: Water
 Pressure: APT Stainless: 10 Bar Max
 Pressure: AIT/AIF Bronze: 12 Bar max
 Pressure: AIT/AIF Ductile: 12 Bar max
 Pressure: AIT/AIF Stainless: 20 Bar max
 Media temperature: -5°C +80°C max
 Media viscosity: 50 centistokes max
 Mounting: any position

Anti Water Hammer

1/2 - 4" & DN65 to DN300
 Ductile Iron – Bronze - Stainless
 In Line I Series
 0 to 10, 12 or 20 Bar
TYPE APT, AIT, AIF



PRESSURE

Ø Port BSP	Air Chamber CM³	Part Number	Max Working Stainless	Max Working Bronze				
1/2	17	APT15-SS	10	-				
3/4	30	APT20-SS	10	-				
1	63	APT25-SS	10	-				
1 1/2	205	AIT40 + body material	20	12				
2	650	AIT50 + body material	20	12				
2 1/2	1125	AIT65 + body material	20	12				
3	2000	AIT80 + body material	20	12				
4	4400	AIT100 + body material	20	12				
Flange PN16			Max Working Ductile	Max Working Bronze	Max Working Stainless			
DN80	2000	AIF80 + body material	12	12	20			
DN100	4400	AIF100 + body material	12	12	20			
DN125	5535	AIF125 + body material	12	12	20			
DN150	15325	AIF150 + body material	12	12	20			
DN200	27230	AIF200 + body material	12	12	20			
DN250	27230	AIF250 + body material	12	12	20			
DN300	67860	AIF300 + body material	12	12	20			

OPTIONS

Pressure Gauge for AIF, (AIT + APT no pressure gauge option available)
 Other thread NPT or RC and Flange JIS10K, JIS20K, ANSI150Lb, PN10 or PN25
 Custom made seal options for acid and alkali or hot media, higher pressures or sizes available upon request

CONSTRUCTION

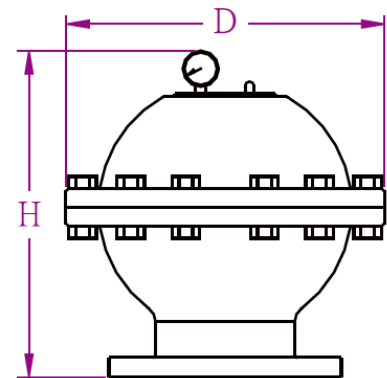
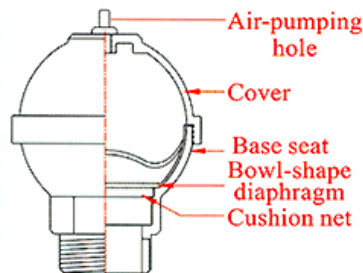
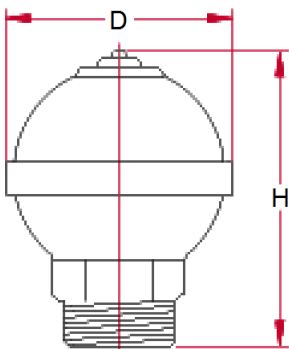
Body: APT 304 Stainless (Tested 16 Bar), Bronze (tested 21 Bar) Ductile Iron (tested 21 Bar), AIT/AIF Stainless Steel (tested 42 Bar)
 Seals: NBR

REPAIR KIT

Diaphragm Seal

Valve part number + seal material

OVERALL DIMENSIONS



APT	H	D
APT15	108	77
APT20	109	
APT25	111	

Port Sizes Dimensions	AIT								AIF						
	1/2	3/4	1	1 1/2	2	2 1/2	3	4	DN80	DN100	DN125	DN150	DN200	DN250	DN300
H	74	82	95	120	162	180	218	260	218	260	330	420	510	510	625
D	46	52	62	110	135	155	188	238	188	238	330	400	460	460	625
Kg	0.3	0.4	0.5	1.4	3.2	3.9	9	14	18	31	32	67	93	103	198