HC-93401

AIR RELEASE VALVE NONSLAM ANTI-SHOCK ***PN16***



Feature & Benefits

- to discharge a large air flow from a water pipeline
- to admit a large air flow into a water pipeline
- to purge entrapped air from pipeline under pressure

Test Pressure & Temperature

Temperature	Hydraulic
0°C to 80°C	Shell: 24 bar
	Seat: 17.6 bar

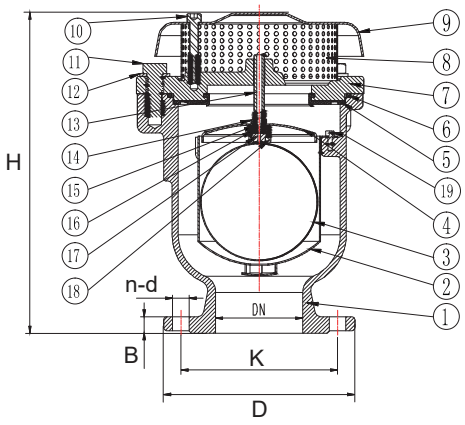
Connection Standard

- Hydrostatic tests according to EN-12266-1, class A. Designed to EN-1074/4 and AWWA C-512
- Flanges to EN-1092/2, BS4504, or ANSI-150

Material

NO.	Part Name	Material
1	Body	Ductile Iron
2	Bushing	AISI304
3	Floating ball	AISI304
4	Disc	AISI304
5	Seal ring	NBR
6	O Ring	NBR
7	Bonnet	Ductile Iron
8	Screen	AISI304
9	Dust cover	AISI A36
10	Screw	AISI304
11	Bolt	AISI304
12	Flat washer	AISI304
13	Guide rod	Brass
14	Nut	AISI304
15	O-ring	NBR
16	Lock nut	Brass
17	Sealing Plug	SI
18	Sealing Sleeve	Brass
19	Screw	AISI304

Dimensional Drawing



Dimensions

SIZE		Height	Flange to EN1092-2/BS4504(mm)							
			End Flange PN10/16				End Flange PN25			
DN	inch	H	D	K	n-d	B	D	K	n-d	B
DN50	2"	305	165	125	4-Φ19	19	165	125	4-Φ19	19
DN65	2.5"	305	185	145	4-Φ19	19	185	145	8-Φ19	19
DN80	3"	330	200	160	8-Φ19	19	200	160	8-Φ19	19
DN100	4"	370	220	180	8-Φ19	19	235	190	8-Φ23	19
DN150	6"	450	285	240	8-Φ23	19	300	250	8-Φ28	20
DN200	8"	500	340	295	8-Φ23/12-Φ23	20	360	310	12-Φ28	22
DN250	10"	685	395/405	350/355	12-Φ23/12-Φ28	22	425	370	12-Φ31	24.5
DN300	12"	780	445/460	400/410	12-Φ23/12-Φ28	24.5	485	430	16-Φ31	27.5