



NAHRAB GOSTAR ESHTEHARD

Manufacture of Industrial Valves & relevant equipment

Air Valve



Air Valve

Flanged Standard:

EN 1092-2 / ISO 7005-02

AS-2190D/ BS10

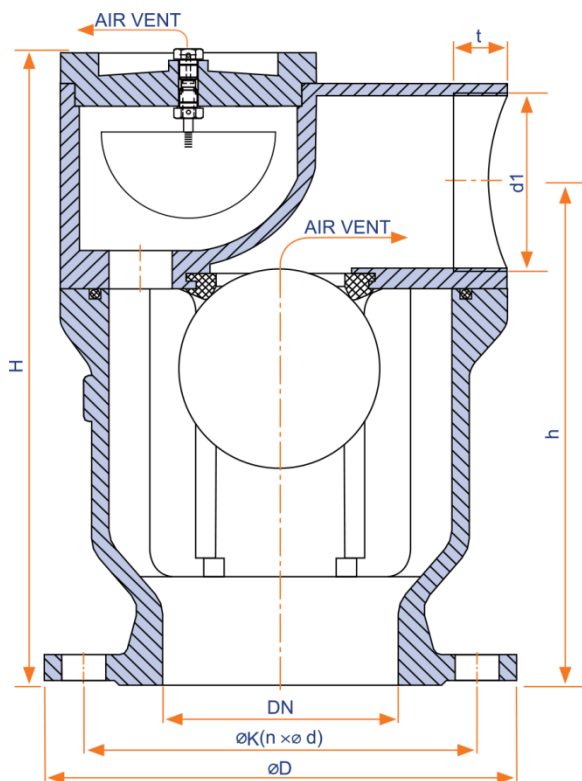
Coating

Electrostatic Epoxy powder, RAL 5005, 250µm

Advantages:

- Compact design, small volume and light weight
- High venting capacity
- Excellent corrosion protection, all steel internal parts
- Sealing: NBR or EPDM.
- Screws of corrosion resistant steel A2.
- Electrostatic Epoxy powder, RAL 5005, 250µm

Single Chamber, Double Orifice Triple Function Air Valves



Ductile Iron (GJS 400-15)
 Ductile Iron (GJS 400-15)
 Stainless Steel or Composite
 Stainless Steel or Composite
 NBR / EPDM
 Galvanized Steel / A2

Body
 Cover
 Float
 Float
 Gasket
 Screw / Nut

AIR VALVE DIMENSION (PN 10 & 16)

unit:mm

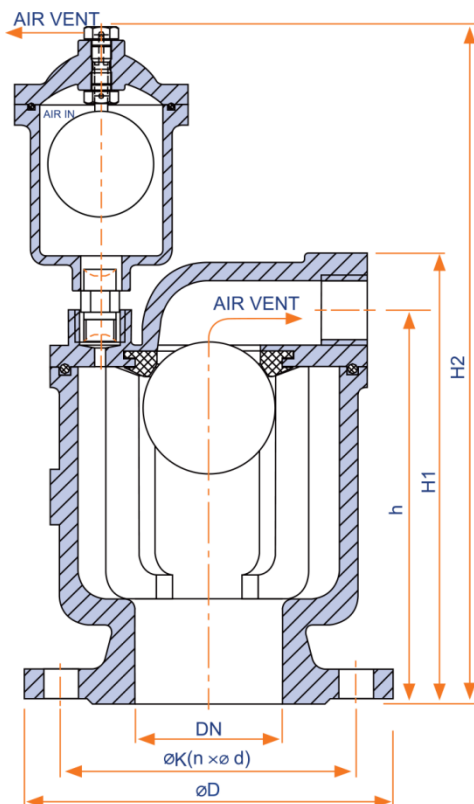
DN	D	K	n × Ø d2	d1	t	h	H	Weight(kg)
50	165	125	4 × Ø 19	R1 ^{1/4"}	23	207	266	15
65	185	145	4 × Ø 19	R1 ^{1/4"}	23	207	266	16
80	200	160	8 × Ø 19	R2 ["]	27	238	294	20
100	220	180	8 × Ø 19	R2 ["]	30	267	325	25
150	285	240	8 × Ø 23	R3 ["]	30	362	436	50
200(PN10)	340	295	8 × Ø 23	R3 ["]	30	362	436	54
200(PN16)	340	295	12 × Ø 23	R3 ["]	30	362	436	54

AIR VALVE DIMENSION (PN 25)

unit:mm

DN	D	K	n × Ø d2	d1	t	h	H	Weight(kg)
50	165	125	4 × Ø 19	R1 ^{1/4"}	23	207	266	15
65	185	145	8 × Ø 19	R1 ^{1/4"}	23	207	266	16
80	200	160	8 × Ø 19	R2 ["]	27	238	294	20
100	235	190	8 × Ø 23	R2 ["]	30	267	325	29
150	300	250	8 × Ø 28	R3 ["]	30	362	436	55
200	360	310	12 × Ø 28	R3 ["]	30	362	436	60

Double Chamber, Double Orifice Triple Function Air Valves



Ductile Iron (GJS 400-15)
 Ductile Iron (GJS 400-15)
 Stainless Steel or Composite
 NBR / EPDM
 Galvanized Steel / A2

Body
 Cover
 Float
 Gasket
 Screw / Nut

AIR VALVE DIMENSION (PN 10 & 16)

unit:mm

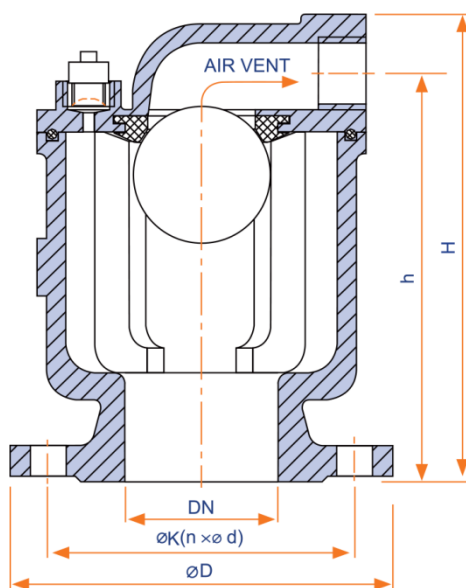
DN	D	K	n×Ød	h	H1	H2
50	165	125	4×Ø19	180	209	335
80	200	160	8×Ø19	214	245	363
100	220	180	8×Ø19	243	283	390
150	285	240	8×Ø23	315	352	476
200 (PN10)	340	295	8×Ø23	365	420	535
200 (PN16)	340	295	12×Ø23	365	420	535

AIR VALVE DIMENSION (PN 25)

unit:mm

DN	D	K	n×Ød	h	H1	H2
50	165	125	4×Ø19	180	209	335
80	200	160	8×Ø19	214	245	363
100	235	190	8×Ø23	243	283	390
150	300	250	8×Ø28	315	352	476
200	360	310	12×Ø28	365	420	535

Large Orifice Air Valve



AIR VALVE DIMENSION (PN 10 & 16)

unit:mm

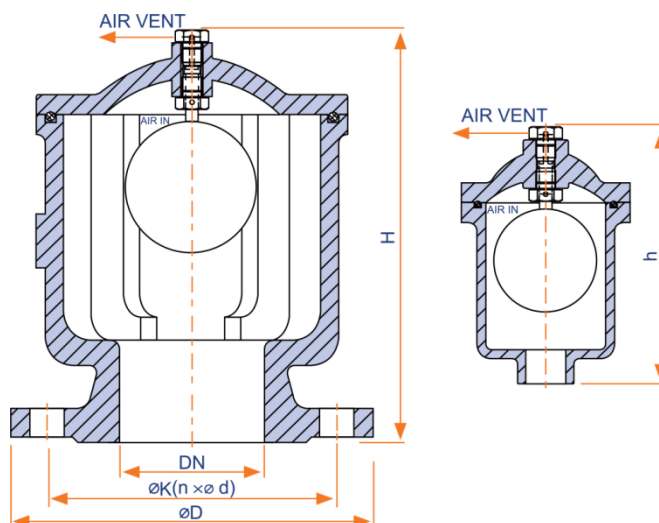
DN	D	K	n×Ø d	h	H
50	165	125	4 × Ø 19	180	209
80	200	160	8 × Ø 19	214	245
100	220	180	8 × Ø 19	243	283
150	285	240	8 × Ø 23	315	352
200 (PN10)	340	295	8 × Ø 23	365	420
200 (PN16)	340	295	12 × Ø 23	365	420

AIR VALVE DIMENSION (PN 25)

unit:mm

DN	D	K	n×Ø d	h	H
50	165	125	4 × Ø 19	180	209
80	200	160	8 × Ø 19	214	245
100	235	190	8 × Ø 23	243	283
150	300	250	8 × Ø 28	315	352
200	360	310	12 × Ø 28	365	420

Small Orifice Air Valve

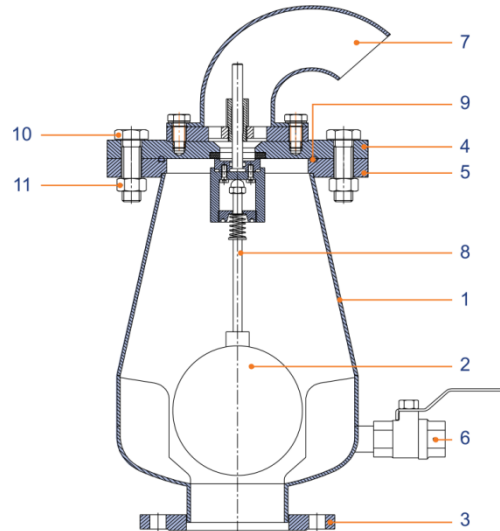


AIR VALVE DIMENSION

unit:mm

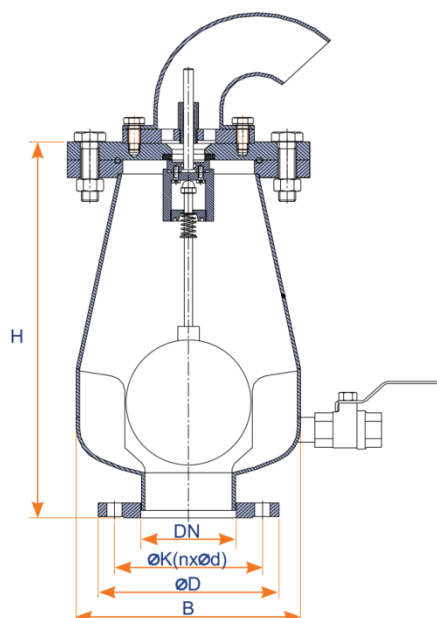
DN	D	K	n× ϕ d	h	H	DN (in)
15	Screwed	-	-	148	-	1/2 "
25	Screwed	-	-	180	-	3/4 "
50	165	125	4 × ϕ 19	-	197	2 "
65 (PN10&16)	185	145	4 × ϕ 19	-	197	2 "
65 (PN25)	185	145	8 × ϕ 19	-	197	2 "
80	200	160	8 × ϕ 19	-	235	3 "
100 (PN10&16)	220	180	8 × ϕ 19	-	255	4 "
100 (PN25)	235	190	8 × ϕ 28	-	255	4 "

Automatic Air Valve For Wastewater



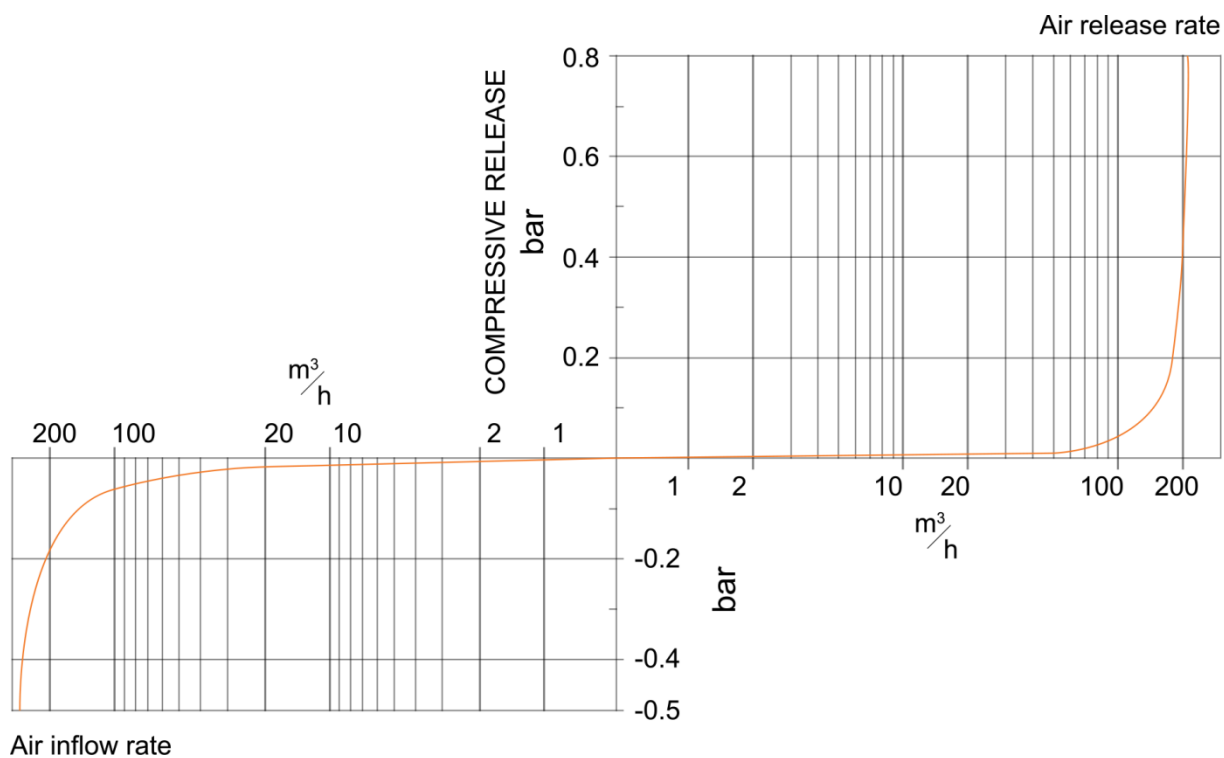
Item No.	Name	Material
1	Body	Ductile Iron or St37 or Stainless Steel
2	Float	Stainless Steel or Composite
3	Flange	Ductile Iron or St37 or Stainless Steel
4	Cover	Ductile Iron or St37 or Stainless Steel
5	Ring	Ductile Iron or St37 or Stainless Steel
6	Ball Valve	Bronze or Stainless Steel
7	Drainage Outlet	PE or St37-2 or Stainless Steel
8	Stem	Stainless Steel 1.4301
9	O-Ring	NBR or EPDM
10	Bolt	Galvanized Steel or Stainless Steel
11	Nut	Galvanized Steel or Stainless Steel

Automatic Air Valve For Wastewater

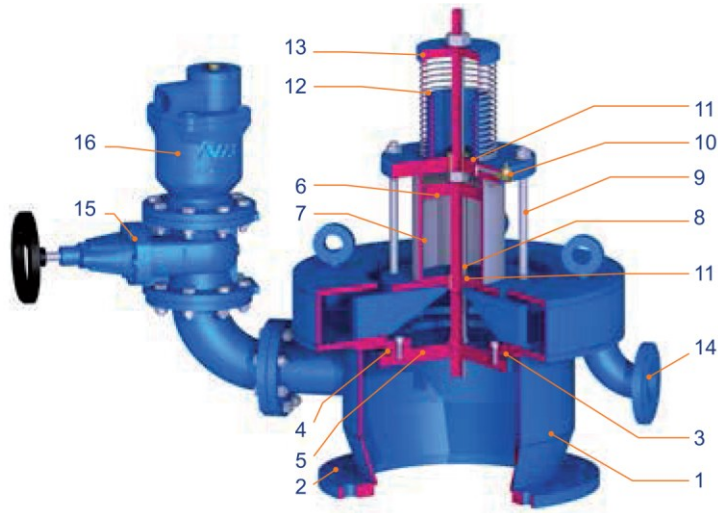


EN 1092-1(ISO 7005-1, DIN 2501)

DN	øD	øK	n×ød	B	H
50 (PN10&16)	165	125	4×ø18	273	500
80 (PN10&16)	200	160	8×ø18	273	500
100 (PN10&16)	220	180	8×ø18	273	500
150 (PN10&16)	285	240	8×ø22	273	500
200 (PN10)	340	295	8×ø22	273	500
200 (PN16)	340	295	12×ø22	273	500



Vacuum Breaker Air Valve



Item No.	Part Name	Material
1	Body	St 37-2
2	Flange	St 37-2
3	Seat	AISI 304
4	Sealing Ring	NBR or EPDM
5	Disk	St 37-2
6	Piston	St 37-2
7	Cylinder	AISI 304
8	Stem	X20cr13
9	Cylinder Retainer Arms	X20cr13
10	Flow Control	-
11	Bushing	Al.Bz
12	Spring	1.4310
13	Spring Support	St 37-2
14	Drain	St 37-2
15	Gate Valve	Ductile Iron (GJS 400-15)
16	Air Valve	Ductile Iron (GJS 400-15)



NAHRAB GOSTAR ESHTEHARD

Manufacture of Industrial Valves & Relevant Equipment

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