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Distributed by:



Air Release Valves

Complete Solutions for Water Industry



NEWAY VALVE

Cat.no.: E-ARV-2025



Size: DN25-200

Product description

Air valve for drinking water, cooling water, and other neutral fluids

Design standards

- EN 1074 part 4

Pressure rating

- PN10/16

Flange drilling

- EN1092-2 PN10/16

Design temperature

- 0-80°C

Test

- EN 12266
- Seat: 1.1 x PN (in bar), Body: 1.5 x PN (in bar)

Features

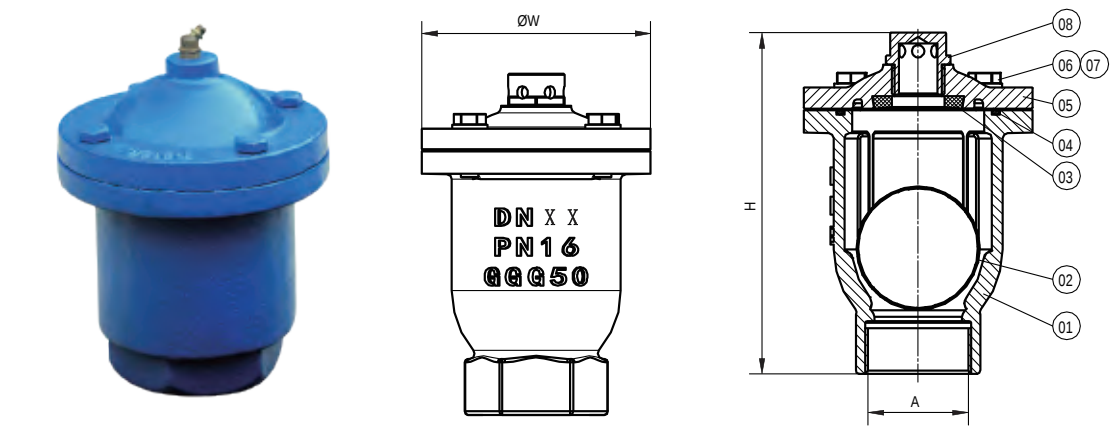
- Resilient seated
- Floating ball material: ABS or Stainless steel
- Single ball incorporates both features within one valve: more compact and economical
- Double ball allows individual maintenance while still protecting pipeline: Wider range of sizing options
- Ductile iron parts coated with fusion bonded epoxy

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“SBAR” Single / “DBAR” Double Orifice Air Release Valve

“SBAR”-Type A DN25-50

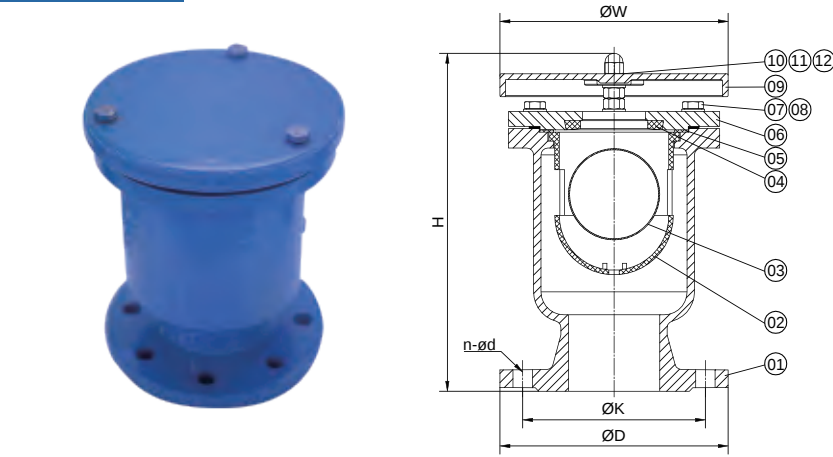


Part List		
Item	Part Name	Material
1	Body	DUCTILE IRON
2	Floating Ball	304SS
3	Seal Plate	EPDM
4	O Ring	NBR
5	Bonnet	DUCTILE IRON
6	Bolt	ISO 3506 A2-70
7	Washers	304SS
8	Exhaust Nut	CuZn39Pb1

DN	OUTLINE mm		
	A	H	W
25	G1"	195	130
32	G1-1/4"	195	130
40	G1-1/2"	195	130
50	G2"	195	130

“SBAR” Single / “DBAR” Double Orifice Air Release Valve

DN50-200



Part List		
Item	Part Name	Material
1	Body	DUCTILE IRON
2	Protective Barrel	ABS
3	Floating Ball	304SS
4	Sealing Ring	EPDM
5	Seal Plate	PTFE
6	Bonnet	DUCTILE IRON
7	Bolts	ISO 3506 A2-70
8	Washers	304SS
9	Dust Cup	DUCTILE IRON
10	Studs	ISO 3506 A2-70
11	Washers	304SS
12	Nuts	ISO 3506 A2-70

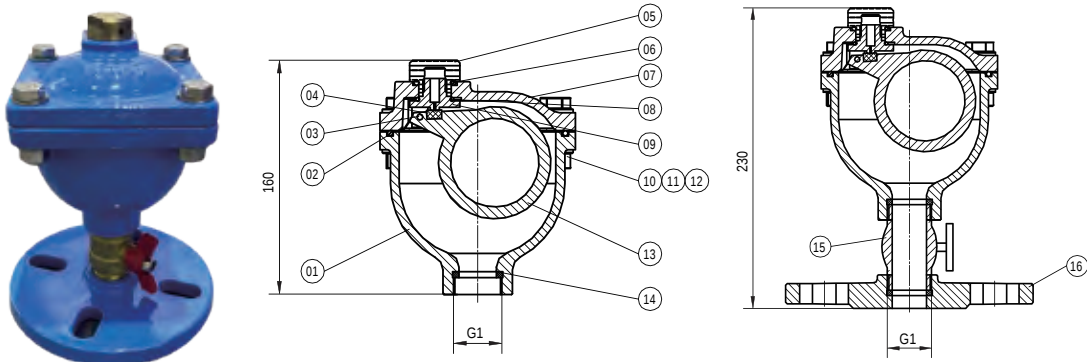
DN	FLANGE STANDARD-EN1092-2-PN10				
	D	K	n- $\varnothing d$	H	W
50	165	125	4- $\varnothing 19$	270	175
80	200	160	8- $\varnothing 19$	300	215
100	220	180	8- $\varnothing 19$	310	230
150	285	240	8- $\varnothing 23$	395	265
200	340	295	8- $\varnothing 23$	455	380

NOTE:* Values are for reference only

DN	FLANGE STANDARD-EN1092-2-PN16				
	D	K	n- $\varnothing d$	H	W
50	165	125	4- $\varnothing 19$	270	175
80	200	160	8- $\varnothing 19$	300	215
100	220	180	8- $\varnothing 19$	310	230
150	285	240	8- $\varnothing 23$	395	265
200	340	295	12- $\varnothing 23$	455	380

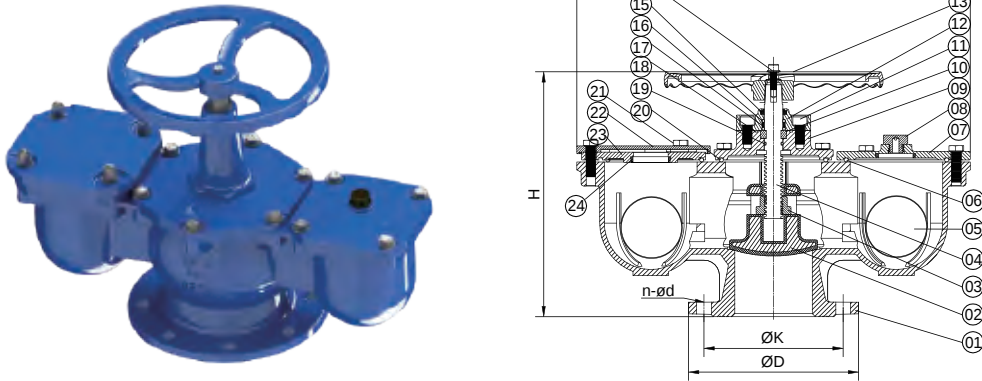
NOTE:* Values are for reference only

“SBAR”-Type B



Part List		
Item	Part Name	Material
1	Body	DUCTILE IRON
2	O Ring	NBR
3	Pin	304SS
4	Sealing Seat	EPDM
5	Exhaust Nut	BRASS
6	O Ring	NBR
7	Bonnet	DUCTILE IRON
8	O Ring	NBR
9	Nut Seat	BRASS
10	Bolts	ISO 3506 A2-70
11	Washers	304SS
12	Nuts	ISO 3506 A2-70
13	Float	ABS
14	O Ring	NBR
15	Ball Valve	BRASS
16	Flange	DUCTILE IRON

“DBAR”-Type A DN50-100



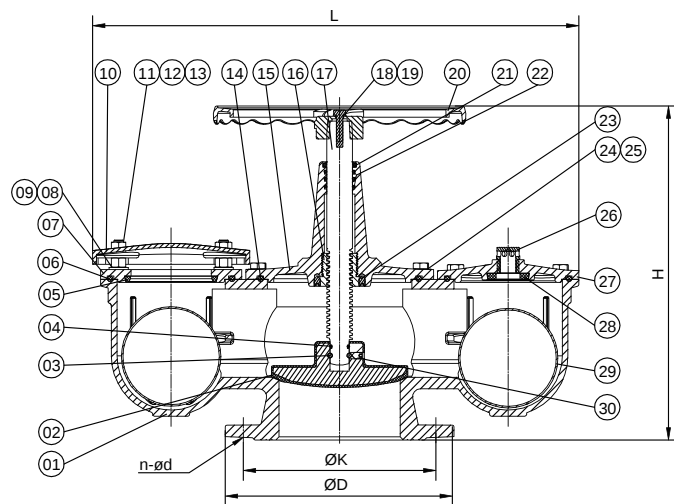
Part List		
Item	Part Name	Material
1	Body	DUCTILE IRON
2	Disc	DUCTILE IRON +EPDM
3	Stem Nut	CuZn39Pb1
4	Stem	420SS
5	Ball	304SS
6	O Ring	NBR
7	Right Cover	DUCTILE IRON
8	Exhaust Nut	CuZn39Pb1
9	Bonnet	DUCTILE IRON
10	Holding Ring	CuZn39Pb1
11	Screw	ISO 3506 A2-70
12	Gland	DUCTILE IRON

Part List		
Item	Part Name	Material
13	Handwheel	DUCTILE IRON
14	Screw	ISO 3506 A2-70
15	Dust Ring	NBR
16	O Ring	NBR
17	Nylon Sleeve	NYLON66
18	O Ring	NBR
19	O Ring	NBR
20	O Ring	NBR
21	Bolt	ISO 3506 A2-70
22	Left Cover	DUCTILE IRON
23	Inside Cover	DUCTILE IRON
24	Sealing Ring	NBR

DN	FLANGE STANDARD-EN1092-2-PN10				
	D	K	n-ød	L	H
50	165	125	4-ø19	430	278
80	200	160	8-ø19	470	305
100	220	180	8-ø19	510	320
NOTE:* Values are for reference only					

DN	FLANGE STANDARD-EN1092-2-PN16				
	D	K	n-ød	L	H
50	165	125	4-ø19	430	278
80	200	160	8-ø19	470	305
100	220	180	8-ø19	510	320
NOTE:* Values are for reference only					

“DBAR”-Type A DN150-200



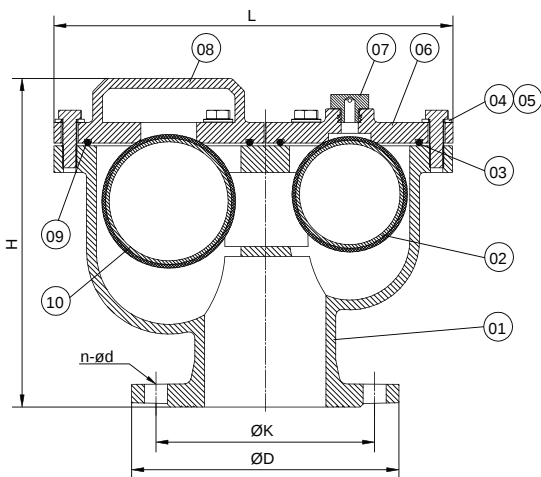
Part List		
Item	Part Name	Material
1	Body	DUCTILE IRON
2	Disc	DUCTILE IRON +EPDM
3	Ball	304SS
4	O Ring	NBR
5	Sealing Ring	NBR
6	O Ring	NBR
7	Gland	DUCTILE IRON
8	Nuts	ISO 3506 A2-70
9	Washers	304SS
10	Left Cover	DUCTILE IRON
11	Studs	ISO 3506 A2-70
12	Cap Nut	ISO 3506 A2-70
13	Washers	304SS
14	O Ring	NBR
15	Bonnet	DUCTILE IRON

Part List		
Item	Part Name	Material
16	Stem Nut	BRASS
17	Stem	420SS
18	Bolts	ISO 3506 A2-70
19	Washers	304SS
20	Handwheel	DUCTILE IRON
21	Dust Ring	NBR
22	O Ring	NBR
23	Set Screw	ISO 3506 A2-70
24	Bolts	ISO 3506 A2-70
25	Washers	304SS
26	Exhaust Nut	CuZn39Pb1
27	Right Cover	DUCTILE IRON
28	Sealing Ring	NBR
29	Float	304SS
30	Set Screw	ISO 3506 A2-70

DN	FLANGE STANDARD-EN1092-2-PN10				
	D	K	n-Ød	L	H
150	285	240	8-Ø23	606	416
200	340	295	8-Ø23	870	515
NOTE:* Values are for reference only					

DN	FLANGE STANDARD-EN1092-2-PN16				
	D	K	n-Ød	L	H
150	285	240	8-Ø23	606	416
200	340	295	12-Ø23	870	515
NOTE:* Values are for reference only					

“DBAR”-Type B(Light type)

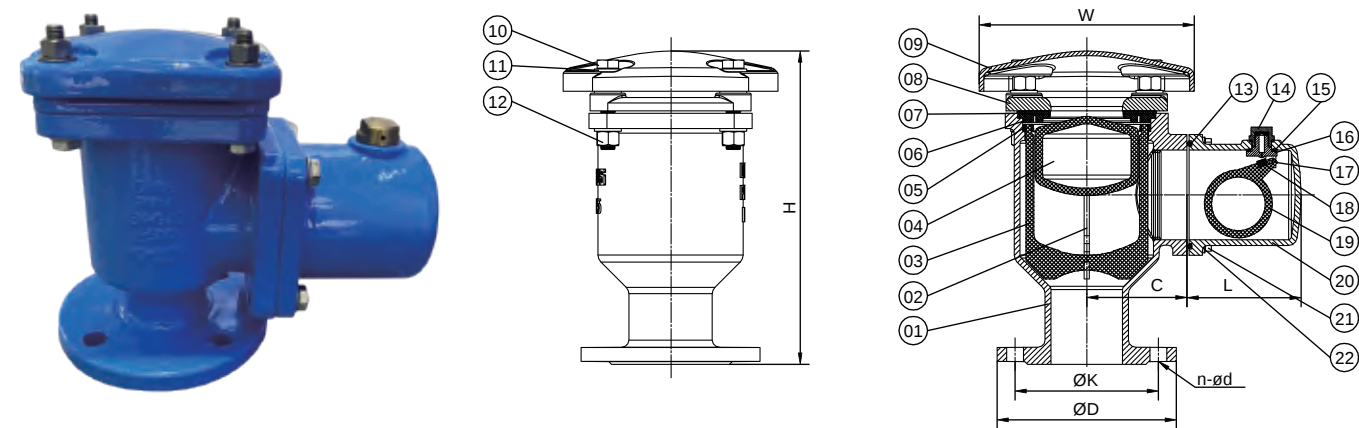


Part List		
Item	Part Name	Material
1	Body	DUCTILE IRON
2	Small Floating Ball	STAINLESS STEEL+EPDM
3	O Ring	NBR
4	Bolts	ISO 3506 A2-70
5	Washers	304SS
6	Exhaust End Cover	DUCTILE IRON
7	Exhaust Nut	CuZn40
8	Bonnet	DUCTILE IRON
9	O Ring	NBR
10	Big Floating Ball	STAINLESS STEEL+EPDM

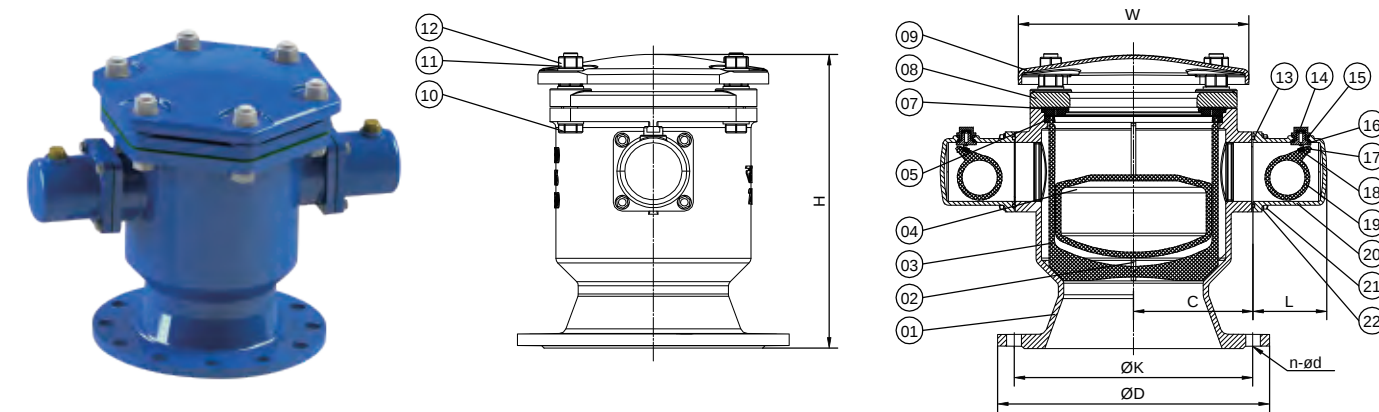
DN	FLANGE STANDARD-EN1092-2-PN10				
	D	K	n-Ød	L	H
50	165	125	4-Ø19	242	210
65	185	145	4-Ø19	242	210
80	200	160	8-Ø19	306	255
100	220	180	8-Ø19	328	270
150	285	240	8-Ø23	400	350
NOTE:* Values are for reference only					

DN	FLANGE STANDARD-EN1092-2-PN16				
	D	K	n-Ød	L	H
50	165	125	4-Ø19	242	210
65	185	145	4-Ø19	242	210
80	200	160	8-Ø19	306	255
100	220	180	8-Ø19	328	270
150	285	240	8-Ø23	400	350
NOTE:* Values are for reference only					

“DBAR”-Type C(T type) DN40-150



“DBAR”-Type C(T type) DN200-300



Part List		
Item	Part Name	Material
1	Body	DUCTILE IRON
2	Guide Seat Support Upper	ABS
3	Guide Seat Support Upper	ABS
4	Floating Ball	ABS
5	Guide Seat	ABS
6	Sealing Ring	EPDM
7	Seal Plate	ABS
8	Bonnet	DUCTILE IRON
9	Dust Cap	DUCTILE IRON
10	Bolts	ISO 3506 A2-70
11	Washers	304SS

Part List		
Item	Part Name	Material
12	Nuts	ISO 3506 A2-70
13	O Ring	NBR
14	Exhaust Nut	CuZn39Pb1
15	O Ring	NBR
16	Exhaust Screw Hole Seat	CuZn39Pb1
17	Cotter Pin	ISO 3506 A2-70
18	Sealing Plug	EPDM
19	Small Floating Ball	ABS
20	Small Exhaust Side	DUCTILE IRON
21	Bolts	ISO 3506 A2-70
22	Washers	304SS

DN	FLANGE STANDARD-EN1092-2-PN10						
	D	K	n-ød	W	C	L	
40	150	110	4-ø19	165	88	125	255
50	165	125	4-ø19	165	88	125	255
65	185	145	4-ø19	165	88	125	255
80	200	160	8-ø19	240	112	125	350
100	220	180	8-ø19	268	128	125	410
125	250	210	8-ø19	268	128	125	410
150	285	240	8-ø23	315	158	125	470
200	340	295	8-ø23	390	200	125	496
250	395	350	12-ø23	390	200	125	496
300	445	400	12-ø23	390	200	125	496
NOTE:* Values are for reference only							

DN	FLANGE STANDARD-EN1092-2-PN16						
	D	K	n-ød	W	C	L	
40	150	110	4-ø19	165	88	125	255
50	165	125	4-ø19	165	88	125	255
65	185	145	4-ø19	165	88	125	255
80	200	160	8-ø19	240	112	125	350
100	220	180	8-ø19	268	128	125	410
125	250	210	8-ø19	268	128	125	410
150	285	240	8-ø23	315	158	125	470
200	340	295	12-ø23	390	200	125	496
250	405	355	12-ø28	390	200	125	496
300	460	410	12-ø28	390	200	125	496
NOTE:* Values are for reference only							