



Shijiazhuang Deye Pipe Industry Co., Ltd

[www.deyvalve.com](http://www.deyvalve.com)

# BRIEF

## INTRODUCTION

Deve Pipe Industry Co. Ltd is a modern enterprise integrated with R & D, manufacturing and Marketing in Valve Industry. Being Established in 2004, DEVE Valve founds its own brand "DEVE" "1818". Factory located in Ningde Industry Zone of Hebei with 60 workers, 20000m<sup>2</sup> non-dust work shop, 30 experienced Engineers. With decades of years hard work and innovation, DEVE Valve has achieved in becoming of the professional manufacturers in China.

DEVE Valve main products are Subsea Seal Gate Valve DN80-DN6300, Check Valves (Spring Check Valves, Silent Check Valve, Tilting Disc Check Valve with Hydraulic Damper & counter-weight), Water Check Valves (Ball or T Balled Strained) & Air Valves (Single Ball & Double Ball).

DEVE Valve adhered to the quality as priority, has powerful technical development capability, the first-class processing and testing equipment, continuous optimized management system to ensure the performance and quality of DEVE valve.

Leading with its core idea of concentration & professional, DEVE will serve all its new and regular customers more attentively and professionally with more excellent products.

**28**  
Countries

Customer-oriented  
Globally service all  
business verticals

**66**  
Workforce

A motivated and talented  
Team pursuing growth

**10**  
Years

More than 10 years of  
consistent growth  
and progress

**12**  
Months Guarantee

Free replacement for any  
defective products within  
one year after delivery





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**Reciprocating Gate Valve DN150-DN400  
PAGG/PAGS Ductile Iron**



**Material**

No.	Part Name	Material	Standard
1	Body	Ductile Iron	GGG20
2	Wedge	Ductile Iron/NER	GGG20/NER
3	Ham Nut	Iron	
4	Seat	Stainless Steel	AISI 316
5	Buffer	NER	
6	Anchor	Ductile Iron	GGG20
7	Bottom Bolt	Carbon Steel	A3
8	O-Ring	NER	
9	Latching Ring	Iron	
10	O-Ring	NER	
11	Bottom Nut	Iron	
12	Minipad	PL	
13	Top Ring	NER	
14	Wheel	Ductile Iron	GGG20
15	Washer	Carbon Steel	A3
16	Bolt	Carbon Steel	A3

**Design B Test**

Design DN150-14,11		
Range setting is according to EN1092-1		
Working Pressure	PN20	PN25
Shell Test	1.0MPa	1.0MPa
Seat Test	1.0MPa	1.0MPa
Application	WCS	
Test Standard	EN 12534-1 / API598	

Application: Water treatment, High-purity chemicals, Power, Metallurgy, Urban Construction etc.

**Dimension**

mm

DN	LRA	LPA	H	PN20							PN25						
				D	D5	D1	S	T	D-D	D	D1	D2	S	T	D-D		
DN150	250	240	200	150	150	81	8	3	12-120	150	150	81	8	3	12-120		
DN200	320	290	250	185	175	90	10	3	12-150	185	185	90	10	3	12-150		
DN250	370	330	288	185	185	108	10	3	12-150	185	185	108	10	3	12-150		
DN300	480	440	374	200	190	110	10	3	12-150	200	200	110	10	3	12-150		
DN350	530	490	400	200	190	126	10	3	12-150	200	200	126	10	3	12-150		
DN400	580	540	440	200	190	144	10	3	12-150	200	200	144	10	3	12-150		
DN450	630	590	480	200	190	162	10	3	12-150	200	200	162	10	3	12-150		
DN500	710	670	571	190	180	170	10	3	12-150	190	190	170	10	3	12-150		
DN550	770	730	624	190	180	176	10	3	12-150	190	190	176	10	3	12-150		
DN600	830	790	711	200	190	180	10	3	12-150	200	200	180	10	3	12-150		
DN650	890	850	760	200	190	190	10	3	12-150	200	200	190	10	3	12-150		





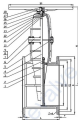
/// **Swirling Seat Gate Valve DN150-1400**  
PN1.6, PN1.6 Ductile Iron



DN150-DN400

**ISO 9002**  
**CERTIFIED**

**CE**  
**APPROVAL**



DN400-DN1400

**Dimension**

mm

DN	L1/2	L1/3	H	ISO5207/2162							DN150-1400						
				1	2	3	4	5	6	7	8	9	10	11	12	13	14
DN150	130	100	180	50	50	50	50	50	4	20-208	60	50	51	5	7	3-3	
DN200	150	120	210	50	50	50	50	50	4	20-208	70	60	61	5	4	3-3	
DN250	170	140	240	50	50	50	50	50	5	20-208	80	70	71	5	5	3-3	
DN300	190	160	270	50	50	50	50	50	5	20-208	90	80	81	5	5	3-3	
DN350	210	180	300	50	50	50	50	50	5	20-208	100	90	91	5	5	3-3	
DN400	230	200	330	50	50	50	50	50	5	20-208	110	100	101	5	5	3-3	
DN450	250	220	360	50	50	50	50	50	5	20-208	120	110	111	5	5	3-3	
DN500	270	240	390	50	50	50	50	50	5	20-208	130	120	121	5	5	3-3	
DN600	300	270	420	50	50	50	50	50	5	20-208	140	130	131	5	5	3-3	
DN700	330	300	450	50	50	50	50	50	5	20-208	150	140	141	5	5	3-3	
DN800	360	330	480	50	50	50	50	50	5	20-208	160	150	151	5	5	3-3	
DN900	390	360	510	50	50	50	50	50	5	20-208	170	160	161	5	5	3-3	
DN1000	420	390	540	50	50	50	50	50	5	20-208	180	170	171	5	5	3-3	
DN1100	450	420	570	50	50	50	50	50	5	20-208	190	180	181	5	5	3-3	
DN1200	480	450	600	50	50	50	50	50	5	20-208	200	190	191	5	5	3-3	
DN1300	510	480	630	50	50	50	50	50	5	20-208	210	200	201	5	5	3-3	
DN1400	540	510	660	50	50	50	50	50	5	20-208	220	210	211	5	5	3-3	

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## Reciprocating Seat Gate Valve, Double Socket Type



### Material List

No.	Part Name	Material
1	Body	Ductile Iron
2	Bonnet	Ductile Iron
3	Wedge	Ductile Iron/Steel
4	Stem Nut	Brass
5	Stem	Stainless Steel

### Design & Test

Design DIN 1543 Part II		
Face to Face Dimension DIN 1543 FF		
Working Pressure	1000	1600
Shell Test	1.5MPa	2.4MPa
Seat Test	1.2MPa	1.8MPa
Application	1" - 10" or 16" pipe	

### Dimension

FF	DN/Face	L	L1	H1	D0	H1	H	Height
DN20	50	200	17	44	48	58	243	6
DN25	75	200	18	51	55	65	253	6.4
DN32	90	200	18	56	61	71	267	6.8
DN40	110	200	18	110	118	81	334	11.7
DN50	125	204	18	124	133	95	375	13
DN70	160	250	19	160	167	118	448	13.4
DN80	200	300	20	200	207	138	563	15
DN100	250	350	20	235	243	158	663	17
DN150	350	450	23	330	338	208	864	18
DN200	450	550	23	380	388	248	964	18
DN250	550	650	24	430	438	288	1064	19





## Globe Valve DN200-F1 PVCe/PVCc Cast Iron/Alloy Steel Iron



### Material

No.	Part Name	Material	Standard
1	Body	Gray Cast Iron	GG25
2	Body Seat Ring	Brass	
3	Stem Seat Ring	Brass	
4	Stem	Cast Iron Iron	GG25H
5	Copper Washer	Brass	
6	Stem Nut	Brass	
7	Nut	Hardness Steel	X300-11
8	Gasket	BR	
9	Bracket Bolt	Carbon Steel	A2
10	Nut	Carbon Steel	A2
11	Packing	Graphite	
12	Wash	Cast Iron Iron	GG25H
13	Flange	Carbon Steel	A2
14	Nut	Carbon Steel	A2
15	Bracket	Gray Cast Iron	GG25
16	Ball Nut	Brass	

### Design B Test

#### Design: DN200-F1

Flange Galling is according to EN1092-1

Working Pressure	PN20	PN25
Shell Test	1.5Mpa	1.5Mpa
Seat Test	1.5Mpa	1.5Mpa
Application	WROU	
Test Standard	EN 12266-1 / API598	

Application: Water treatment, Irrigation, Potability, electric Power, metallurgy, Urban Construction etc.

### Dimension

DN	L	H	PN20				PN25					
			Φ	Φ1	Φ	Φ1	Φ	Φ1	Φ	Φ1		
DN20	120	223	50	50	14	1	1-0	55	55	24	2	1-0.5
DN25	120	220	50	50	14	2	1-0.5	55	55	24	2	1-0.5
DN25	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN32	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN32	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN40	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN40	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN40	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN40	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN50	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN50	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN50	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN50	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN50	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN50	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5
DN50	120	220	50	50	14	1	1-0.5	55	55	24	1	1-0.5





#### Material

Pos.	Part Name	Material	Standard
1	Body	Gray Cast Iron	GG18
2	Body Front Ring	Stainless Steel	
3	Disc	Cast Iron/Aluminum	GG18/Alu
4	Valve Seat	Carbon Steel	A1
5	Locking Nut	Carbon Steel	A1
6	Spring	Carbon Steel	200000/1000
7	Spring Box	Stainless Steel	A1
8	Flap	Carbon Steel	A1
9	Spacer	Stainless Steel	A1
10	Spacer	Stainless Steel	A1
11	Spacer	Stainless Steel	A1
12	Spacer	Stainless Steel	A1
13	Spacer	Stainless Steel	A1
14	Spacer	Stainless Steel	A1
15	Spacer	Stainless Steel	A1
16	Spacer	Stainless Steel	A1
17	Spacer	Stainless Steel	A1
18	Spacer	Stainless Steel	A1
19	Spacer	Stainless Steel	A1
20	Spacer	Stainless Steel	A1
21	Spacer	Stainless Steel	A1
22	Spacer	Stainless Steel	A1
23	Spacer	Stainless Steel	A1
24	Spacer	Stainless Steel	A1
25	Spacer	Stainless Steel	A1
26	Spacer	Stainless Steel	A1
27	Spacer	Stainless Steel	A1
28	Spacer	Stainless Steel	A1
29	Spacer	Stainless Steel	A1
30	Spacer	Stainless Steel	A1
31	Spacer	Stainless Steel	A1
32	Spacer	Stainless Steel	A1
33	Spacer	Stainless Steel	A1
34	Spacer	Stainless Steel	A1
35	Spacer	Stainless Steel	A1
36	Spacer	Stainless Steel	A1
37	Spacer	Stainless Steel	A1
38	Spacer	Stainless Steel	A1
39	Spacer	Stainless Steel	A1
40	Spacer	Stainless Steel	A1
41	Spacer	Stainless Steel	A1
42	Spacer	Stainless Steel	A1
43	Spacer	Stainless Steel	A1
44	Spacer	Stainless Steel	A1
45	Spacer	Stainless Steel	A1
46	Spacer	Stainless Steel	A1
47	Spacer	Stainless Steel	A1
48	Spacer	Stainless Steel	A1
49	Spacer	Stainless Steel	A1
50	Spacer	Stainless Steel	A1
51	Spacer	Stainless Steel	A1
52	Spacer	Stainless Steel	A1
53	Spacer	Stainless Steel	A1
54	Spacer	Stainless Steel	A1
55	Spacer	Stainless Steel	A1
56	Spacer	Stainless Steel	A1
57	Spacer	Stainless Steel	A1
58	Spacer	Stainless Steel	A1
59	Spacer	Stainless Steel	A1
60	Spacer	Stainless Steel	A1
61	Spacer	Stainless Steel	A1
62	Spacer	Stainless Steel	A1
63	Spacer	Stainless Steel	A1
64	Spacer	Stainless Steel	A1
65	Spacer	Stainless Steel	A1
66	Spacer	Stainless Steel	A1
67	Spacer	Stainless Steel	A1
68	Spacer	Stainless Steel	A1
69	Spacer	Stainless Steel	A1
70	Spacer	Stainless Steel	A1
71	Spacer	Stainless Steel	A1
72	Spacer	Stainless Steel	A1
73	Spacer	Stainless Steel	A1
74	Spacer	Stainless Steel	A1
75	Spacer	Stainless Steel	A1
76	Spacer	Stainless Steel	A1
77	Spacer	Stainless Steel	A1
78	Spacer	Stainless Steel	A1
79	Spacer	Stainless Steel	A1
80	Spacer	Stainless Steel	A1
81	Spacer	Stainless Steel	A1
82	Spacer	Stainless Steel	A1
83	Spacer	Stainless Steel	A1
84	Spacer	Stainless Steel	A1
85	Spacer	Stainless Steel	A1
86	Spacer	Stainless Steel	A1
87	Spacer	Stainless Steel	A1
88	Spacer	Stainless Steel	A1
89	Spacer	Stainless Steel	A1
90	Spacer	Stainless Steel	A1
91	Spacer	Stainless Steel	A1
92	Spacer	Stainless Steel	A1
93	Spacer	Stainless Steel	A1
94	Spacer	Stainless Steel	A1
95	Spacer	Stainless Steel	A1
96	Spacer	Stainless Steel	A1
97	Spacer	Stainless Steel	A1
98	Spacer	Stainless Steel	A1
99	Spacer	Stainless Steel	A1
100	Spacer	Stainless Steel	A1

#### Design & Test

Design 200000 PN		
Flange Drilling in according to EN1092-1		
Working Pressure	PN16	PN25
Shell Test	1.6MPa	2.0MPa
Seat Test	1.6MPa	1.6MPa
Application	PN16	
Test Standard	EN 12534-1 / API598	

#### Dimension

Size	DN	L	H	mm						mm					
				a	ca	cb	cc	d	e	f	g	h	i	j	k
1-1/2"	DN40	160	120	100	130	80	30	1	4-g 10	100	130	80	18	1	4-g 10
2"	DN50	180	137	105	135	90	30	1	4-g 10	105	135	90	18	1	4-g 10
2.5"	DN65	200	157	125	155	100	30	1	4-g 10	105	155	100	18	1	4-g 10
3"	DN80	220	178	140	170	110	30	1	4-g 10	110	170	110	20	1	4-g 10
4"	DN100	250	200	160	190	130	30	1	4-g 10	130	190	130	20	1	4-g 10
5"	DN125	280	220	180	210	150	30	1	4-g 10	150	210	150	20	1	4-g 10
6"	DN150	320	250	200	230	170	30	1	4-g 10	170	230	170	20	1	4-g 10
8"	DN200	400	310	250	280	210	30	1	4-g 10	210	280	210	20	1	4-g 10
10"	DN250	500	390	320	350	260	30	1	4-g 10	260	350	260	20	1	4-g 10
12"	DN300	600	480	390	420	310	30	1	4-g 10	310	420	310	20	1	4-g 10
14"	DN350	700	570	460	490	350	30	1	4-g 10	350	490	350	20	1	4-g 10
16"	DN400	800	660	540	570	400	30	1	4-g 10	400	570	400	20	1	4-g 10





### Triple Disc Check Valve (PN30 PN36) with Counter Weight & Cylinder



#### Material

No.	Part Name	Material
1	Body	GGG25
2	Cylinder	Carbon Steel
3	Support	Carbon Steel
4	Counter Weight	Cast Iron
5	Disc	GGG25
6	Disc Gasket	PN36
7	Seat Ring	Iron
8	Wings	Steel
9	Item	ZCML3
10	Sealing	PN36
11	Working End	PN36
12	Gasket	PN36
13	Counter Weight	Steel
14	Oil Cylinder	Assembly

#### Design & Test

Design EN12234		
Face to Face Dimension (SHOULD FIT)		
Range 80/100-L		
Working Pressure:	PN30	PN36
Steel Test	1.5Mpa	2Mpa
Cast Test	1.1Mpa	1.5Mpa
Application:	Water Supply	
Test Standard	DN15000	

#### Dimension

Size	DN	L	mm						inch					
			D	D1	D2	h	f	end	D	D1	D2	h	f	end
10"	254000	170	441	400	370	34.3	4	13.2912	490	450	390	34.3	4	13.2912
12"	304000	240	520	480	450	36.5	4	16.5354	520	470	390	36.5	4	16.5354
16"	406000	320	620	580	550	38	4	18.1102	580	520	450	38	4	18.1102
20"	508000	380	720	680	650	39	4	28.3428	680	620	550	39	4	28.3428
24"	610000	450	820	780	750	40.3	4	30.8228	710	650	600	40.3	4	30.8228
30"	762000	550	920	880	850	41.5	5	35.8268	880	820	800	41.5	5	35.8268
36"	914000	650	1020	980	950	43	5	36.9842	1020	960	900	43	5	36.9842
42"	1066000	750	1120	1080	1050	44.3	5	38.3094	1120	1060	1000	44.3	5	38.3094
48"	1218000	850	1220	1180	1150	45	5	38.5827	1220	1160	1100	45	5	38.5827
60"	1524000	1050	1420	1380	1350	47.5	5	47.0472	1420	1360	1300	47.5	5	47.0472





**Material**

No.	Part	Material
1	Body	Ductile Iron
2	Multi-Center	SS316
3	Clap	SS316 Coated Steel
4	Ballnet	Ductile Iron
5	Ball & Seat	Steel

**Design & Test**

Design: DN100-150		
Flange Endings is according to ISO5201-1		
Working Pressure	PN10	PN16
Steel Size	1.5kpa	2.5kpa
Cast Size	1.5kpa	1.8kpa
Application	Water	
Test Standard	ISO 5201-1	

**Dimension**

Size	L	DN 100						DN 150							
		D	C	R	Y	H <sub>1</sub>	Z	R	C	R	Y	H <sub>1</sub>	Z		
DN100	180	130	138	88	38	8	4-φ10	1	150	138	88	38	8	4-φ10	1
DN125	200	145	155	100	40	8	4-φ10	1	180	155	100	40	8	4-φ10	1
DN150	230	165	175	120	45	8	4-φ10	1	210	175	120	45	8	4-φ10	1
DN100	200	150	160	100	40	8	4-φ10	1	200	160	100	40	8	4-φ10	1
DN125	250	170	180	120	45	8	4-φ10	1	250	180	120	45	8	4-φ10	1
DN150	300	195	210	150	55	8	4-φ10	1	300	210	150	55	8	4-φ10	1
DN100	180	140	150	90	35	8	4-φ10	1	180	150	90	35	8	4-φ10	1
DN125	200	160	170	105	40	8	4-φ10	1	200	170	105	40	8	4-φ10	1
DN150	250	190	200	130	50	8	4-φ10	1	250	200	130	50	8	4-φ10	1
DN100	180	140	150	90	35	8	4-φ10	1	180	150	90	35	8	4-φ10	1
DN125	200	160	170	105	40	8	4-φ10	1	200	170	105	40	8	4-φ10	1
DN150	250	190	200	130	50	8	4-φ10	1	250	200	130	50	8	4-φ10	1





Stem Check Valve DIN PN15/PN16  
Last Instructive Icon



#### Material

No.	Part Name	Material	Standard
1	Ball	Carbon Steel	A1
2	Nut	Carbon Steel	A1
3	Body	Cast Iron	GG25
4	Seat	Stainless Steel/PTFE	GG25/PTFE
5	Coil ring	Iron	
6	Sliding Seat	Stainless Steel	GG25
7	Spring	Stainless	
8	Bracket	Cast Iron	GG25

#### Design & Test

Design: ISO5208 FS		
Flange Drilling is according to ISO5208-1		
Working Pressure	PN10	PN16
Shell Test	1.5MPa	2.0MPa
Seat Test	1.5MPa	1.8MPa
Application	P.S.S.	
Test Standard	DIN EN1092-1 / ISO5208	

#### Dimension

Size	DN	H	PN10						PN16					
			D1	D2	D3	h	f	rad	D1	D2	D3	h	f	rad
1/2"	40	100	130	110	84	18	1	R-0.02	130	110	84	18	1	R-0.02
3/4"	50	100	140	120	90	20	1	R-0.02	140	120	90	20	1	R-0.02
1/2"	65	130	140	120	100	20	1	R-0.02	140	120	100	20	1	R-0.02
1"	80	140	160	140	110	20	1	R-0.02	160	140	110	20	1	R-0.02
1 1/2"	125	170	180	160	130	20	1	R-0.02	180	160	130	20	1	R-0.02
2"	150	200	190	170	140	25	1	R-0.02	190	170	140	25	1	R-0.02
2 1/2"	200	230	230	200	170	25	1	R-0.02	230	200	170	25	1	R-0.02
3"	250	280	280	250	190	30	1	R-0.02	280	250	190	30	1	R-0.02
4"	300	330	330	300	220	30	1	R-0.02	330	300	220	30	1	R-0.02
5"	350	380	380	350	250	30	1	R-0.02	380	350	250	30	1	R-0.02
6"	400	430	430	400	280	30	1	R-0.02	430	400	280	30	1	R-0.02





**F-Strainer DN100-41 PN05-PN06**  
Cast Iron/Double Iron



**Material**

No.	Part Name	Material	Standard
1.	Body	Gray Cast Iron	GG25
2.	Screen	Stainless Steel	316/304
3.	Ball	Carbon Steel	A1
4.	Bracket	MSS	
5.	Cover	Gray Cast Iron	GG25
6.	Washer	Carbon Steel	A1
7.	Plug	Carbon Steel	A1

**Design & Test**

Design DN100-41	
Flange Drilling is according to EN1092-1	
Working Pressure	PN05
Steel Test	1.4840
Cast Test	1.4840
Application	WGS
Test Standard	ISO 11583 / API604

**Dimension**

DN	mm							
	L	H	G	G1	G2	S	T	Ød
DN10	130	90	95	95	40	14	2	4-Ø14
DN15	130	100	105	110	50	14	2	4-Ø14
DN20	130	110	115	120	60	14	2	4-Ø14
DN25	130	120	125	130	70	14	2	4-Ø14
DN32	130	130	135	140	80	14	2	4-Ø14
DN40	130	140	145	150	90	20	2	4-Ø14
DN50	130	150	155	160	100	20	2	4-Ø14
DN65	130	160	165	170	110	20	2	4-Ø14
DN80	130	170	175	180	120	20	2	4-Ø14
DN100	130	175	180	185	130	24	2	4-Ø14
DN125	130	180	185	190	140	24	2	4-Ø14
DN150	130	190	195	200	150	24	2	4-Ø14
DN200	130	200	205	210	160	24	2	4-Ø14
DN250	130	210	215	220	170	24	2	4-Ø14
DN300	130	220	225	230	180	24	2	4-Ø14
DN350	130	230	235	240	190	24	2	4-Ø14
DN400	130	240	245	250	200	24	2	4-Ø14
DN450	130	250	255	260	210	24	2	4-Ø14
DN500	130	260	265	270	220	24	2	4-Ø14
DN600	130	270	275	280	230	24	2	4-Ø14
DN700	130	280	285	290	240	24	2	4-Ø14
DN800	130	290	295	300	250	24	2	4-Ø14
DN900	130	300	305	310	260	24	2	4-Ø14
DN1000	130	310	315	320	270	24	2	4-Ø14
DN1200	130	320	325	330	280	24	2	4-Ø14
DN1500	130	330	335	340	290	24	2	4-Ø14
DN2000	130	340	345	350	300	24	2	4-Ø14





## Y Ballcock Strainer & Threaded Y Strainer Cast Iron/Ductile Iron



### Material Specification

Part	Material
Body	Ductile Iron/Cast Iron/NC8
Cover	Ductile Iron/Steel/NC8/NC10
Screen	Stainless Steel 304/316
Blow-off Plug	Carbon Steel/Stainless Steel
Coarse	Supplies Filter

### Standard Series

Size	Min. Dia.	Height
50-80mm	1.5mm	125
100-150mm	1.5mm	80
150-200mm	1.5mm	120

NOTE: ALL DIMENSIONS SHOWN IN MILLIMETER  
(IN. IN BRACKET)

### Dimension

mm

Size	50	65	80	95	110	125	150	175	200	250	300	350	400	450	500	600	800
DN	2"	2-1/2"	3"	3-1/2"	4-1/2"	5"	6"	6-1/2"	7"	8"	10"	12"	14"	16"	18"	24"	30"
L	200	250	300	350	400	450	500	550	600	700	800	900	1000	1100	1200	1500	2000
H1	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
H2	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80



### Material Specification

Body	Cast Iron
Screen	Cast Iron
Plug	Cast Steel
Coarse	C/Ingot/Supplies
Screen	Stainless Steel

NOTE: Y Strainer with MPT NPT 1/2"-1 1/2" (DN50-DN150)

### Dimension

mm

DN	1	2	3	4	5	6	8	10	12	15	20	25	32	40	50	65	80
L	25	35	45	55	65	75	85	95	105	115	125	135	145	155	165	175	185
H	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
DN	15	20	25	32	40	50	60	75	90	110	140	170	210	260	320	400	500
L	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
H	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
DN	15	20	25	32	40	50	60	75	90	110	140	170	210	260	320	400	500
L	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
H	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95





Simple Centre Air Valve with Flange Ends / Threaded Ends  
Cast Iron/Ductile Iron / PN10/PN16/150LBS



Material specification

No.	Part Name	Material
1	Body	Cast Iron/Ductile Iron
2	Endcap	Cast Iron/Ductile Iron
3	Ball Cover	WCB
4	Ballnut	WCB
5	Ball Cover	Cast Iron/Ductile Iron
6	Ball	Carbon Steel
7	Outside Cover	Cast Iron
8	Ball	Carbon Steel/Inconel Steel



Main Dimension

DN	PN10/PN16						150LBS							
	Ø	H1	H2	Ø	H1	L	Ø	H1	H2	Ø	H1	L		
DN50	200	150	84	18	114	4-PTD	104	107	98.3	19	118	114	4-PTD	104
DN65	225	175	95	20	130	4-PTD	119	122	110.3	21	130	124	4-PTD	119
DN80	250	195	106	22	141	4-PTD	134	137	121.3	23	141	134	4-PTD	134
DN100	300	240	130	25	174	8-PTD	164	167	152.3	27	174	164	8-PTD	164
DN150	375	300	158	30	214	8-PTD	203	207	190.3	33	214	203	8-PTD	203
DN200	450	360	191	35	254	8-PTD	243	247	230.3	39	254	243	8-PTD	243



Material specification

No.	Part Name	Material
1	Body	Gray Cast Iron/Ductile Iron
2	Ball Cover	WCB
3	Ballnut	WCB
4	Ball	Carbon Steel
5	Ballnut	Gray Cast Iron
6	WCB Ballnut	WCB



Main Dimension

M	Ø	H
1/2" (1.315")	Ø 65	120
3/4" (1.915")	Ø 80	140
1" (2.540")	Ø 100	170

Note: Threaded Ends to be NPT (ANSI B1.20.1) or BSP (ISO 228)





## Double Orifice Air Release Valve with Flanged Ends Cast Iron/Double Iron/Phosphor Bronze



### Material Specification

No.	Part Name	Material
1	Body	Gray Cast Iron/Double Iron
2	Big Float Ball	MS/Stainless Steel
3	Small Float	MS/Stainless Steel
4	Gasket	NBR
5	Cover	Gray Cast Iron/Double Iron
6	Gasket	NBR
7	Cover	Gray Cast Iron/Double Iron
8	Ball	Carbon Steel

### Main Dimension

Model	PHOSPHOR								CUPROUS								
	Φ	H	ΦC	ΦD	L	h	h1	L1	Φ	H	ΦC	ΦD	L	h	h1	L1	
DN50	200	120	95	140	20	22	4-225	152	120	95.8	140	20	22	4-225	152	120	95.8
DN65	225	130	100	150	20	22	4-225	178	130	104.8	150	20	22	4-225	178	130	104.8
DN80	250	140	110	160	20	22	4-225	198	140	117	160	20	22	4-225	198	140	117
DN100	320	180	130	200	20	22	4-225	250	180	151.2	200	20	22	4-225	250	180	151.2
DN150	380	240	170	250	20	22	4-225	310	240	191.2	250	20	22	4-225	310	240	191.2

### Material Specification

No.	Part Name	Material
1	Body	Gray Cast Iron
2	Flap	Stainless Steel
3	Washer	Carbon Steel
4	Spring	NBR
5	Disc	Brass
6	Valve	Stainless Steel
7	Ball Float	MS/Inconel
8	Ball	Stainless Steel
9	Flap	Stainless Steel
10	Spring	NBR
11	Handle Cover	Gray Cast Iron
12	Closure Cover	Gray Cast Iron
13	Middle Flap	Gray Cast Iron
14	Ball	NBR

### Main Dimension

Model	PHOSPHOR								CUPROUS								
	Φ	H	ΦC	ΦD	L	h	h1	L1	Φ	H	ΦC	ΦD	L	h	h1	L1	
DN50	200	120	95	140	20	22	4-225	152	120	95.8	140	20	22	4-225	152	120	95.8
DN65	225	130	100	150	20	22	4-225	178	130	104.8	150	20	22	4-225	178	130	104.8
DN80	250	140	110	160	20	22	4-225	198	140	117	160	20	22	4-225	198	140	117
DN100	320	180	130	200	20	22	4-225	250	180	151.2	200	20	22	4-225	250	180	151.2
DN150	380	240	170	250	20	22	4-225	310	240	191.2	250	20	22	4-225	310	240	191.2
DN200	450	280	200	300	20	22	4-225	370	280	221.2	300	20	22	4-225	370	280	221.2





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