

Valve Dimensions and Weights

Flange Rating	Cold Working Pressure		Valve O.D. B	
	PSI	Bar	Inch	mm
ANSI Series				
150	285	19.5	3 3/8	85.7
300	740	51	3 3/4	94
400	990	68		
600	1480	102		
900	2220	147	3 7/8	98
1500	3705	246		
DIN & BS				
NP 10	145	10	3.7	94
NP 16	232	16		
NP 25	363	25		
NP 40	580	40		
NP 64	928	64	4.0	102
NP 100	1461	100		
NP 160	2338	160		
NP 250	3653	250		
			3.87	98

ANSI 1 1/2" 150-1500 rated at 285 psi to 3705 psi cold working pressure. Available in DIN and BS Standard in pressure classes NP10 to NP 250.

Face to face for series 900, 1500 PN 160 and PN 250 is 3.31".

Model 210

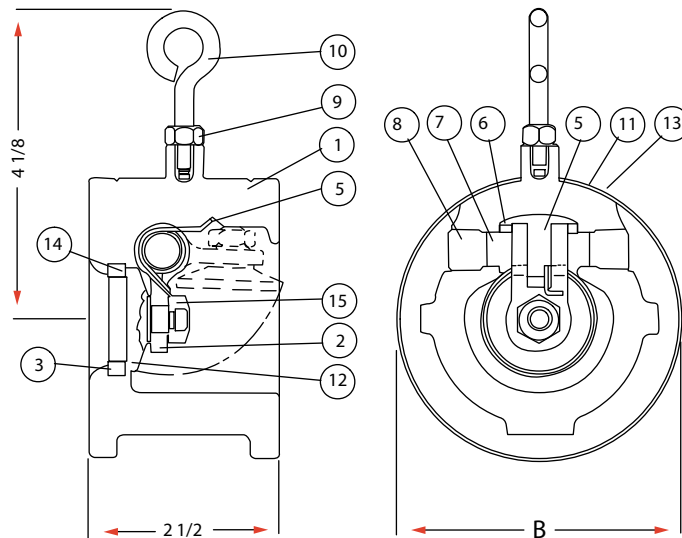
1 1/2"- 40 mm

Series 150 -1500

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Parts and Materials

Item	Description	Qty	Standard Material
1	Body	1	ASTM A 216 WCB ASTM A 351 CF 8M
2	Hinge	1	ASTM A 351 CF 8M
3	Seat	1	ASTM A 240 Type 304
5	Spring	1	Inconel X316 S/S
6	Spacer	2	A 479 Type 316
7	Pin	1	A 479 Type 316
8	Plug	2	Steel / Stainless Steel
9	Lock Nut	1	Steel Zinc Plated
10	Eye Bolt	1	Steel Zinc Plated
11	Name Plate	1	Aluminium
12	Disc	1	A 479 Type 316
13	Rivet	4	Steel Cadmium Plated
14	O-Ring	1	Buna N or Viton
15	Disc Nut	1	Stainless Steel



Nominal Pipe Size		A		B		C		D		Weight in	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
2	50	*2 1/8	*54	4 1/8	104.8	4 1/4	108	1 3/16	30	3.5	1.6
2 1/2	65	*2 3/8	*60.3	4 7/8	123.8	4 1/2	114	1 1/2	38	5	2.3
3	80	*2 5/8	*66.7	5 3/8	136.5	5	127	1 11/16	43	6.5	2.9
4	100	2 1/4	57.2	6 7/8	174.6	5 3/4	146	2 7/16	62	11	5
5	125	2 1/2	63.5	7 3/4	196.9	6 1/2	165	3 3/8	86	15	6.8
6	150	2 3/4	69.9	8 3/4	222.3	7 1/4	184	4 1/4	108	20	9
8	200	2 7/8	73.0	11	279.4	8 1/4	210	5 3/8	136	30	13.6
10	250	3 1/8	79.4	13 3/8	339.7	9 5/8	244	7	178	47	21.3
12	300	3 3/8	85.7	16 1/8	409.6	10 3/4	273	8 1/8	206	70	32
14	350	4 1/4	108	17 5/8	447.7	13	330	7 1/4	184	115	52
16	400	4 1/4	108	20 1/8	511.2	14 1/2	368	8 1/4	210	130	59
18	450	4 1/4	108	21 1/2	546.1	15 1/4	387	10 1/2	267	170	73
20	500	5 1/2	139.7	23 3/4	603.3	18 3/4	476	11	280	230	104
24	600	6	152.4	28 3/16	716	20 1/2	520	15	381	415	188
30	750	9	228.6	34 5/8	879.5	27 1/2	698	16 1/4	412	965	438
36	900	11 1/2	292.1	41 1/8	1044.6	30	762	18 1/4	464	1525	692
42	1050	12	304.8	48	1219	33 1/4	844	28	712	2235	1014

Model 210

Series 125/150

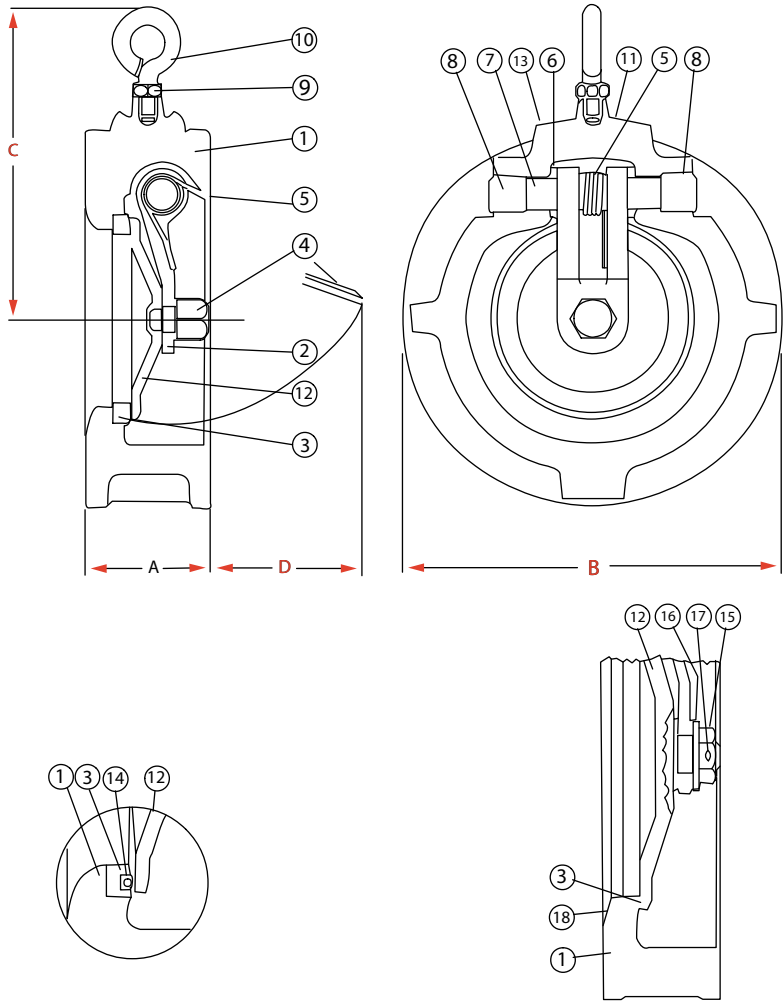
ANSI Series 125/150 rated at 285psi cold working pressure. Available in DIN and BS Standard in pressure classes NP 06, NP 10 and NP 16.

* The figures shown are for the Series 125 only. The equivalent dimensions for the Series 150 are as follows.

Pipe Size		A	
Inch	mm	Inch	mm
2	50	1 3/4	44.5
2 1/2	65	1 7/8	47.6
3	80	2	50.8



Main site



Parts List

Item	Description	Standard Material
1	Body	ASTM A 216 WCB ASTM A 351 CF 8M ASTM A 126 CLB ASTM A 395
2	* Hinge	2" - 12" ASTM A 351 CF8M 14" - 42" ASTM A 216 WCB
3	Seat	ASTM A 240 Type 304
4	Shoulder Pin	2" - 12" ASTM A 479 Type 304 14" and up it's part of disc
5	Spring	2" - 13" Inconel X/316 S/S 14" - 42" 17 - 7 PH S/S
6	Spacer	Teflon or 316 S/S
7	Pin	ASTM A 479 Type 316
8	Plug	Steel / Stainless Steel
9	Lock Nut	Steel Zinc Plated
10	Eye Bolt	Steel Zinc Plated
11	Name Plate	Aluminium
12	* Disc	2" - 12" ASTM A 240 Type 304 14" - 30" ASTM A 351 CF8
13	Rivets	Steel Cadmium Plated
14	O-Ring	Buna "N" or Viton
15	Disc Nut	Steel/Stainless Steel
16	Disc Washer	Steel/Stainless Steel
17	Dowek Pin	Steel/Stainless Steel
18	Seat Ret Screw	Steel/Stainless Steel

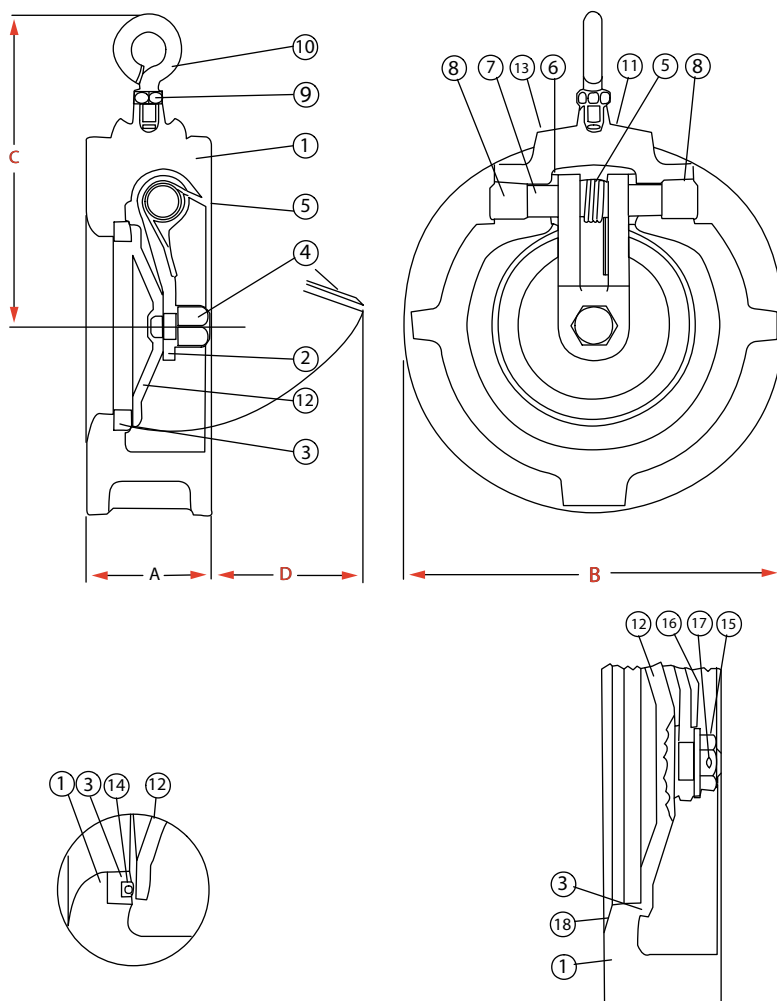
Valve Dimension in Inches and millimetres and Weights

Nominal Pipe Size		A		B		C		D		Weight in	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
2	50	1 3/4	44.5	4 3/8	111.1	4 1/4	108	1 3/16	30	4	1.8
2 1/2	65	1 7/8	47.6	5 1/8	130.2	4 1/2	114	1 1/2	38	6	2.7
3	80	2	50.8	5 7/8	149.2	5	127	1 11/16	43	8	3.6
4	100	2 1/4	57.2	7 1/8	181	5 3/4	146	2 7/16	62	12	5.4
5	125	2 1/2	63.5	8 1/2	215.9	6 1/2	165	3 3/8	86	19	8.6
6	150	2 3/4	69.9	9 7/8	250.8	7 1/4	184	4 1/4	108	27	12.2
8	200	2 7/8	73	12 1/8	308	8 1/4	210	5 3/8	136	42	19
10	250	3 1/8	79.4	14 1/4	362	9 5/8	244	7	178	61	28
12	300	3 3/8	85.7	16 5/8	422.3	10 3/4	273	8 1/8	206	95	43
14	350	8 3/4	222.3	19 1/8	486	13	330	7 1/4	184	285	130
16	400	9 1/8	231.8	21 1/4	540	14 1/2	368	8 1/4	210	350	160
18	450	10 3/8	263.5	23 1/2	597	15 1/4	387	10 1/2	267	485	220
20	500	11 1/2	292.1	25 3/4	654	18 3/4	476	11	280	580	265
24	600	12 1/2	317.5	30 1/2	774	20 1/2	520	15	381	925	420

Model 210 Series 300

ANSI Series 300 rated at 740 psi cold working pressure. Available in DIN and BS Standard in pressure classes NP25 and NP40.

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Parts List

Item	Description	Standard Material
1	Body	ASTM A 216 WCB ASTM A 351 CF 8M
2	* Hinge	2" - 12" ASTM A 351 CF8M 14" - 24" ASTM A 216 WCB
3	Seat	ASTM A 240 Type 304
4	Shoulder Pin	2" - 12" ASTM A 479 Type 304 14" and up it's part of disc
5	Spring	2" - 13" Inconel X/316 S/S 14" - 24" 17 - 7 PH S/S
6	Spacer	ASTM A 479 Type 316
7	Pin	ASTM A 479 Type 316
8	Plug	Steel / Stainless Steel
9	Lock Nut	Steel Zinc Plated
10	Eye Bolt	Steel Zinc Plated
11	Name Plate	Aluminium
12	* Disc	2" - 12" ASTM A 240 Type 304 14" - 30" ASTM A 351 CF8
13	Rivets	Steel Cadmium Plated
14	O-Ring	Buna "N" or Viton
15	Disc Nut	Steel/Stainless Steel
16	Disc Washer	Steel/Stainless Steel
17	Dowek Pin	Steel/Stainless Steel
18	Seat Ret Screw	Steel/Stainless Steel