

Check Rite

World choice
state of the art
check valves



Check Rite Superior Wafer Check Valves in use wherever reliability and high performance matter

State of the art Check Rite answers industry's demand for a lighter, more compact and durable wafer check valve. Designed with present day economics in mind, these easily installed wafer valves offer the user a broad range of applications in any industry where the control of fluid flow is important.

Check Rite presents a free and unobstructed orifice when open. The disc is controlled by a torsion spring. The closing action is designed to minimize the destructive effect of a sudden reversal of flow or line hammer, which is more evident in conventional check valves. Operation is automatic and silent when Check Rite is properly applied.

This catalogue lists the many different types of Check Rite check valves which are in use across the globe solving a wide variety of fluid control problems. In addition, complete specifications are given along with a how-to-order guide. Every valve listed is carried in our large stock in different materials in all but the very largest diameters.

Ritepro is a world leader in the design and manufacture of wafer check valves. If you have a special application please telephone or write or fax our Montreal head office. We will be pleased to suggest a practical and economic solution to your fluid control problem.

Check Rite®



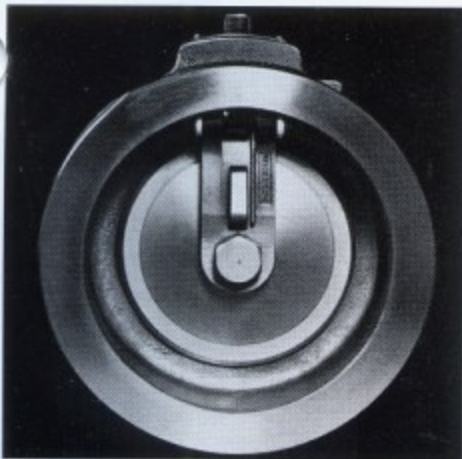
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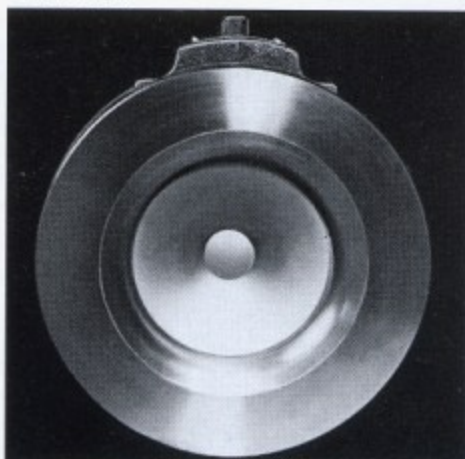


Reliable, Trouble-Free Action

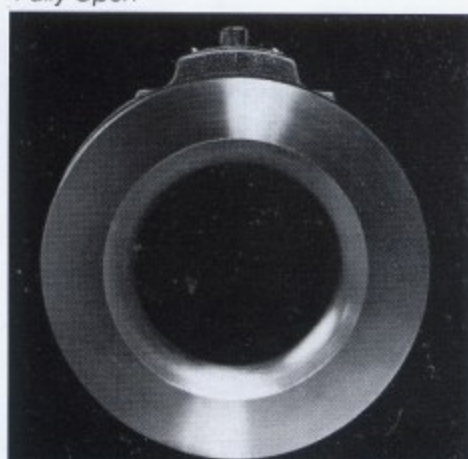
Front View



Back View



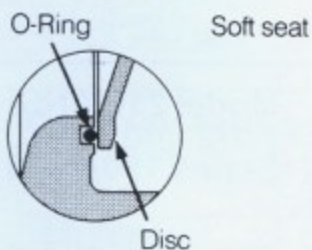
Fully Open



The above photographs show the clean functional features of Check Rite wafer check valves. The last photo on the right shows how the valve presents a virtually unobstructed opening with minimum turbulence.

Valve Seats Provide Perfect Seal for Different Applications

Resilient O-Ring Seat Features

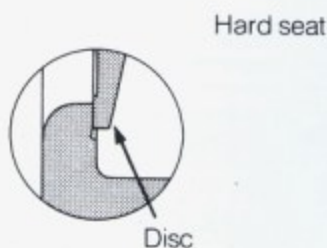


1. A truly dynamic seal, mechanically contained in a specially designed groove.
2. Unique in design and application.
3. As pressure is applied to the valve disc, the seal is compressed into the groove, ensuring a consistent and uniform seal.
4. The load on the seal is controlled reducing wear for longer life.
5. Maintenance is simple as the O-Ring is easily removed and replaced when worn.

Sizes 1 1/2" to 42"

Integral Seats

Metal to metal seal



1. Stainless steel valves have integral seats, i.e., the seat is machined from the body.
2. Single plate disc.
3. In the case of metal to metal, a machined and lapped metal seat and disc form a continuous seal.
4. Valve is designed so that pressure is applied evenly, reducing wear and ensuring longer life.
5. For O-Ring features in stainless steel valves, please see left hand box.

Sizes 1 1/2" to 42"

Inserted Seats

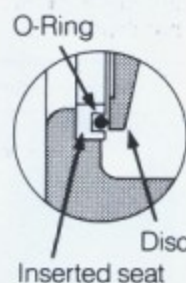
Metal to metal seal



1. Valves with bodies of material other than stainless steel or cast iron have an inserted stainless steel seat.
2. Valves with inserted seats are available with either metal to metal or O-Ring seal.
3. All Check Rite check valves are hydrostatically tested in accordance with MSS-SP61 test pressures and zero leakage criteria.

Sizes 1 1/2" to 42"

O-Ring seal



Valve Dimensions in Inches and Millimeters 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	*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 ANSI Series 125/150

ANSI Series 125/150 rated at 285 psi 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

Valve Dimensions in Inches and Millimeters 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 ANSI Series 300

ANSI Series 300 rated at 740 psi cold working pressure. Available in DIN and BS Standard in pressure classes NP 25 and NP 40.

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		
NP 100	1461	100	4.0	102
NP 160	2338	160	3.87	98
NP 250	3653	250		

Model 210 ANSI 1-1/2" / 40 mm Series 150/1500

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 NP 10 to NP 250.

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

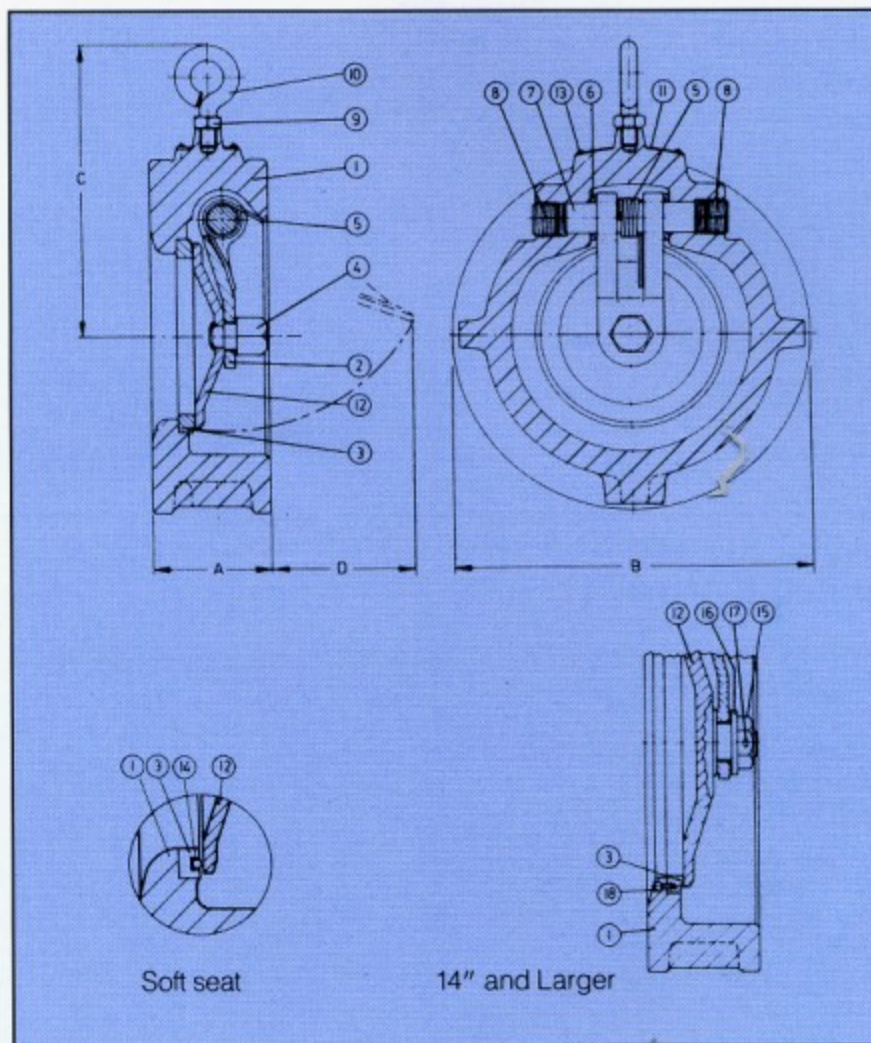
ANSI Series

Check Rite Parts and Materials

Item	Description	Standard Material
1	Body	ASTM A 216 WCB ASTM A 351 CF8M 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"-12" Inconel X/316 S/S 14"-42" 17-7 PH S/S
6	Spacer	Teflon, 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	Aluminum
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	Dowel Pin	Steel/Stainless Steel
18	Seat Ret. Screw	Steel/Stainless Steel

Check Rite Parts and Materials

Item	Description	Standard Material
1	Body	ASTM A 216 WCB ASTM A 351 CF8M
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"-12" : 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	Aluminum
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	Dowel Pin	Steel/Stainless Steel
18	Seat Ret. Screw	Steel/Stainless Steel



*In Stainless Steel when
body is Stainless Steel

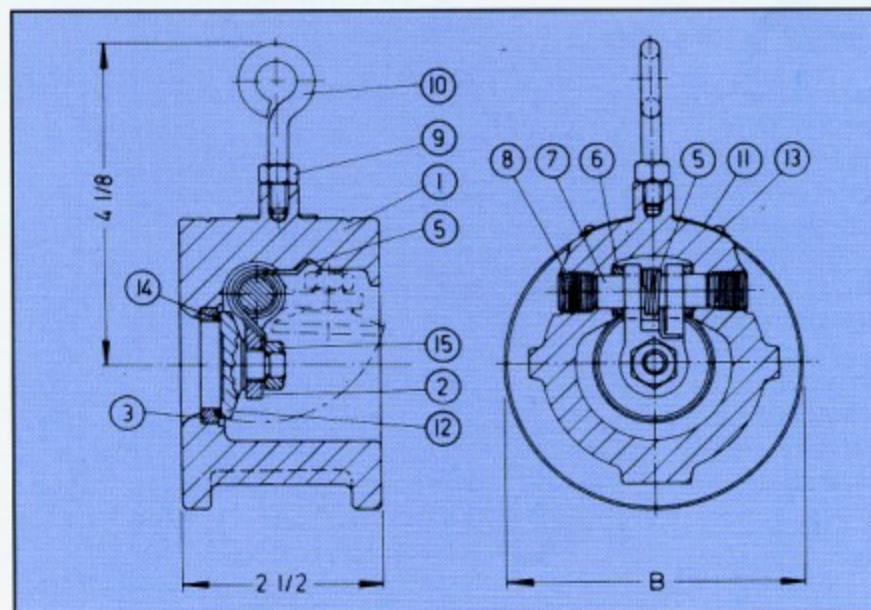
*36" 42" Steel w. 304 Trim

Check Rite Parts and Materials

Item	Description	Qty	Material
1	Body	1	ASTM A-216 WCB ASTM A 351 CF 8M
2	Hinge	1	ASTM A 351 CF8M
3	Seat	1	A 240 Type 304
5	Spring	1	Inconel X/316 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	Aluminum
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

All valves available in:

Material	Specification
Cast Iron	ASTM A-126 CLB
Ductile Iron	ASTM A-395
Carbon Steel	ASTM A-216 WCB
Stainless Steel	ASTM A-351 CF 8M



Model 205 API Series 150/300

Series 150 and 300 meet API 594.
ANSI Series 150 rated at 285 psi cold working pressure.
ANSI Series 300 rated at 740 psi cold working pressure.

API Series

Valve Dimensions in Inches and Millimeters and Weights

Nominal Pipe Size	A		B		B		C		D		Weight in	
	150 & 300 lb		150 lb		300 lb						lbs	kg
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
2	50	2 3/8	60.3	4 1/8	104.8	4 3/8	111.1	4 5/8	117.5	7/8	22.2	6 2.72
2 1/2	65	2 5/8	66.7	4 7/8	123.8	5 1/8	130.2	4 7/8	123.8	1 1/4	31.8	9 4.08
3	80	2 7/8	73	5 3/8	136.5	5 7/8	149.2	5 3/8	131.8	1 1/2	38.1	13 5.89
4	100	2 7/8	73	6 7/8	174.6	7 1/8	181	6 1/8	155.6	2 3/8	60.3	17 7.71
5	125	3 1/4	82.5	7 3/4	196.9	8 1/2	215.9	6 3/4	171.5	3 1/4	82.5	23 10.43
6	150	3 7/8	98.4	8 3/4	222.3	9 7/8	250.8	7 1/2	190.5	3 3/4	95.3	34 15.42
8	200	5	127	11	279.4	12 1/8	304.1	8 1/2	215.9	3 7/8	98.4	65 29.48
10	250	5 3/4	146	13 3/8	339.7	14 1/4	362	10	254.0	5 3/8	136.5	95 43.09
12	300	7 1/8	181	16 1/8	409.6	16 5/8	422.3	11 1/4	285.8	5 3/4	146.0	165 74.84

Model 201 API Series 400/600

Series 400 and 600 meet API 594.
ANSI Series 400 rated at 990 psi cold working pressure.
ANSI Series 600 rated at 1,480 psi cold working pressure.
ANSI 600 is equal to API 2,000.
Seat and disc material available:
316SS, 410SS, Monel and Stellite.

Valve Dimensions in Inches and Millimeters and Weights

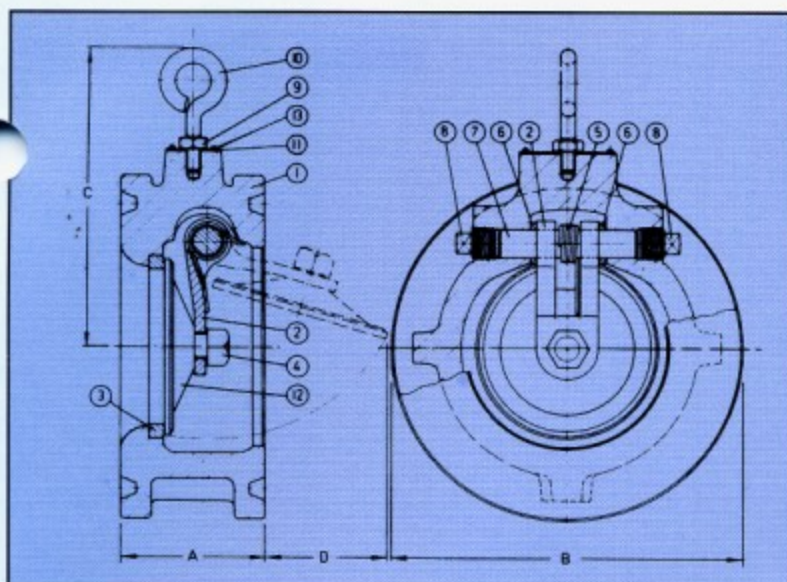
Nominal Pipe Size	A		B		B		C		D		Weight in	
	400 lbs		600 lbs								lbs	kg
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
2	50	2 3/8	60.3	4 3/8	111.1	4 3/8	111.1	4 5/8	117	1/2	13	7 3
2 1/2	65	2 5/8	66.7	5 1/8	130.2	5 1/8	130.2	5 1/8	130	5/8	16	10 4.5
3	80	2 7/8	73	5 7/8	149.2	5 7/8	149.2	6	152	3/4	19	14.5 6.6
4	100	3 1/8	79.4	7	177.8	7 5/8	193.7	6 3/4	171	1 1/2	38	24 11
6	150	5 3/8	136.5	9 3/4	247.6	10 1/2	266.7	9 1/2	241	2 1/8	54	54 25
8	200	6 1/2	165.1	12	304.8	12 5/8	320.7	10 3/4	273	2 3/4	70	96 44
10	250	8 3/8	212.7	14 1/8	358.8	15 3/4	400	12	305	3	76	171 78
12	300	9	228.6	16 1/2	419.1	18	457.2	14 3/4	375	4 1/8	105	250 114

Model 203 API Series 900/1500

Series 900 and 1500 meet API Standard 594 — 2 1/2" to 12".
The 2" valve exceeds API Standard face-to-face dimension (4 1/4").
ANSI Series 900 rated at 2220 psi cold working pressure.
ANSI Series 1500 rated at 3705 psi cold working pressure.
Seat and disc material available:
316 Stainless Steel, 410 Stainless Steel, Monel and Stellite.
Pressure Class: API 3000 and API 5000.

Valve Dimensions in Inches and Millimeters and Weights

Nominal Pipe Size	A		A		B		B		C		D		Weight in	
	900 lbs		1500 lbs		900 lbs		1500 lbs						lbs	kg
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
2	50	4 1/4	108	4 1/4	108	5 5/8	143	5 5/8	143	5 1/2	140	0	0	14 6
2 1/2	65	3 1/4	82.6	3 1/4	82.6	6 1/2	165	6 1/2	165	5 7/8	149	3/4	19	15 7
3	80	3 1/4	82.6	3 1/4	82.6	6 5/8	168	6 7/8	174	6 1/4	159	1	25	29 13
4	100	4	101.6	4	101.6	8 1/8	206	8 1/4	209	8	203	1 1/2	38	41 18
6	150	6 1/4	159	6 1/4	159	11 3/8	289	11 1/8	282	10 1/4	260	1 1/2	38	110 50
8	200	8 1/8	206	8 1/8	206	14 1/8	358	13 7/8	352	12	305	3	76	205 93
10	250	9 1/2	241	9 3/4	248	17 1/8	435	17 1/8	435	13 3/4	349	4 1/2	114	271 123
12	300	11 1/2	292	12	305	19 5/8	498	20 1/2	520	15	381	5	127	370 168

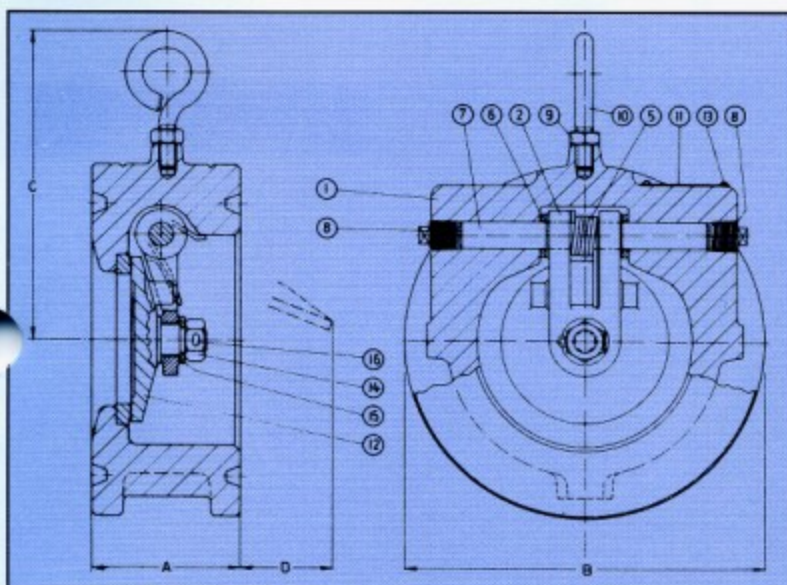


Check Rite Parts and Materials

Item	Description	Material	Optional Material
1	Body	ASTM A 216 WCB	Available
2	Hinge	ASTM A 351 CF8M	
3	Seat	ASTM A 240 Type 304	
4	Shoulder Pin	ASTM A 479 Type 304	
5	Spring	Inconel X/316 S/S	
6	Spacer	ASTM A 479 Type 316	
7	Pin	ASTM A 479 Type 316	
8	Plug	Steel	
9	Lock Nut	Steel Zinc Plated	
10	Eye Bolt	Steel Zinc Plated	
11	Name Plate	Aluminum	
12	Disc	ASTM A 240 Type 304	
13	Rivet	Steel Cadmium Plated	

Optional: Ring Joint for 150 & 300 Series

API	Nominal Valve Size	2	2 1/2	3	4	5	6	8	10	12
150	Ring Joint No.	R 22	R 25	R 29	R 36	R 40	R 43	R 48	R 52	R 56
300	Ring Joint No.	R 23	R 26	R 31	R 37	R 41	R 45	R 49	R 53	R 57

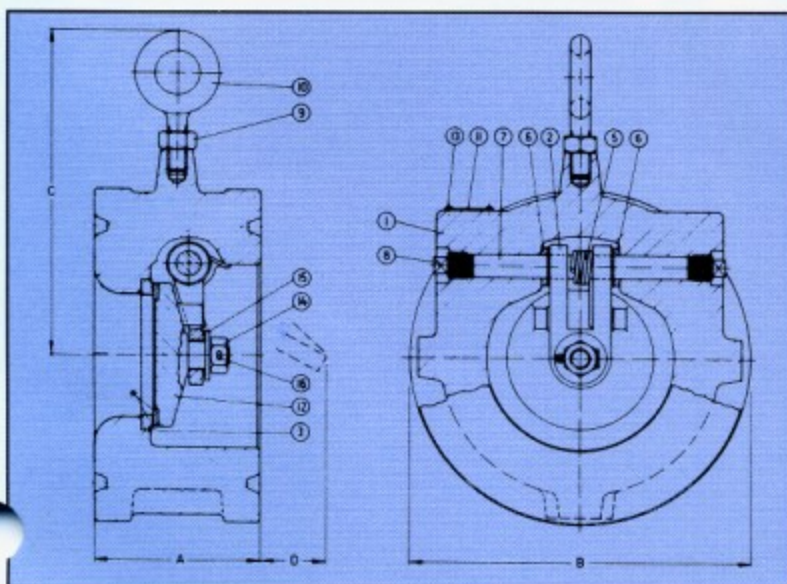


Check Rite Parts and Materials

Item	Description	Material	Optional Material
1	Body	ASTM A 216 WCB	Available
2	Hinge	ASTM A 216 WCB	
3	Seat	ASTM A 240 Type 304	
5	Spring	Inconel X/17-7 PHSS	
6	Spacer	ASTM A 479 Type 316	
7	Pin	ASTM A 479 Type 316	
8	Plug	Steel	
9	Lock Nut	Steel Cadmium Plated	
10	Eye Bolt	Steel Cadmium Plated	
11	Name Plate	Aluminum	
12	Disc	ASTM A 351 CF8M	
13	Rivets	Steel Cadmium Plated	
14	Disc Nut	Steel	
15	Disc Washer	Steel	
16	Dowel Pin	Steel	

Optional: Ring Joint for 400 & 600 Series

Nominal Valve Size	2	2 1/2	3	4	6	8	10	12
Ring Joint No.	R 23	R 26	R 31	R 37	R 45	R 49	R 53	R 57



Check Rite Parts and Materials

Item	Description	Material	Optional Material
1	Body	ASTM A 216 WCB	Available
2	Hinge	ASTM A 216 WCB	
3	Seat	ASTM A 240 Type 304	
5	Spring	Inconel X/17-7 PHSS	
6	Spacer	ASTM A 479 Type 316	
7	Pin	ASTM A 479 Type 316	
8	Plug	Steel	
9	Lock Nut	Steel Cadmium Plated	
10	Eye Bolt	Steel Cadmium Plated	
11	Name Plate	Aluminum	
12	Disc	ASTM A 351 CF8M	
13	Rivets	Steel Cadmium Plated	
14	Disc Nut	Steel	
15	Disc Washer	Steel	
16	Dowel Pin	Steel	

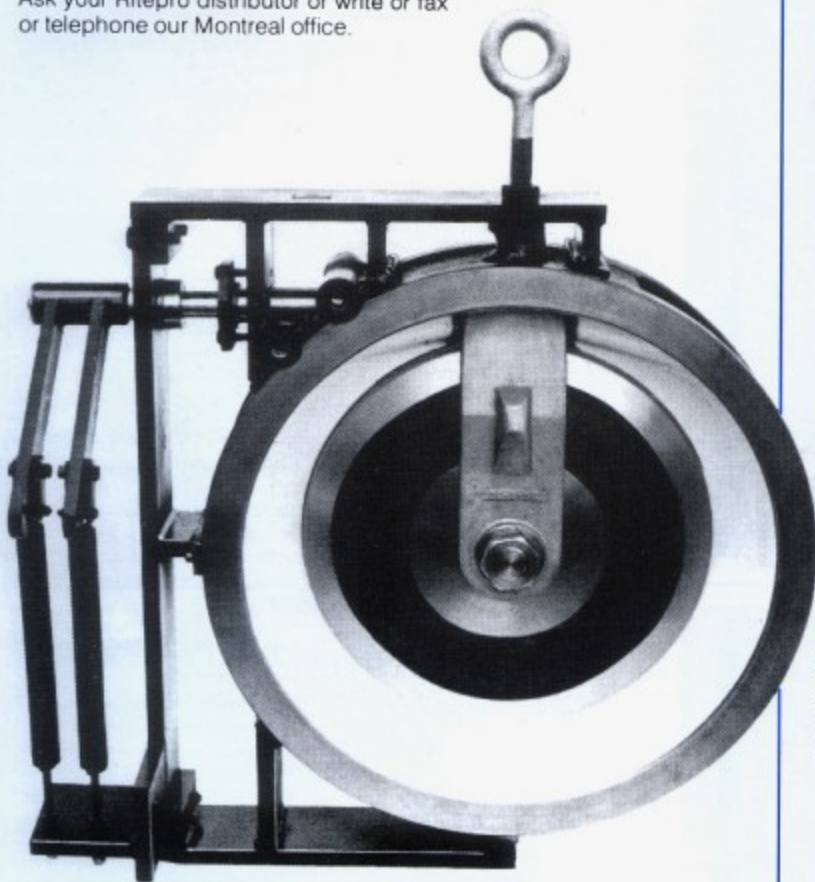
Optional: Ring Joint for 900 & 1500 Series

API	Nominal Valve Size	2	2 1/2	3	4	6	8	10	12
900	Ring Joint No.	R 24	R 27	R 31	R 37	R 45	R 49	R 53	R 57
1500	Ring Joint No.	R 24	R 27	R 35	R 39	R 46	R 50	R 54	R 58

Special Applications at Work all Over the World

These photographs of Check Rite check valve special applications illustrate many different adaptations perfected by Ritepro engineers to handle a wide variety of fluid control problems. If you would like to have information about any of the applications illustrated here, including specifications and drawings, we will be pleased to supply them.

Special applications dictate special designs. What is your fluid control problem? Ask your Ritepro distributor or write or fax or telephone our Montreal office.



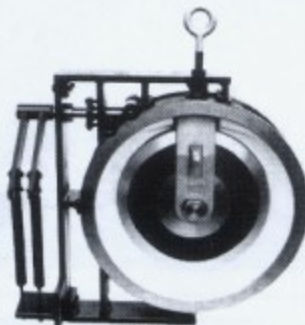
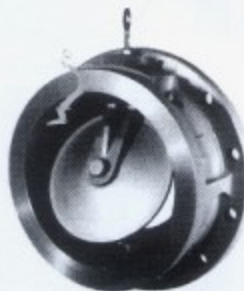
SA-11

Check valve with studed body which permits pump or line maintenance on the upstream side of the valve without draining the system.



SA-5

Flap valve used in weir, sea water dike and dry-dock applications. Also available with spring-assisted closure or counterweight.



SA-1-1

Check valve for use in high lift pumping station applications.



SA-10

Check valve with external balance weights used for blower service in large volume, low pressure applications.

SA-6

Foot valve with wire mesh strainer. Also available with perforated strainer.



SA-2

Check valve with outside limit switch. Permits control room monitoring of flow in pipelines.



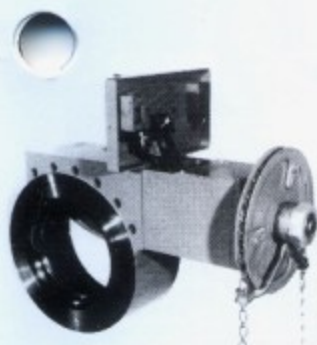
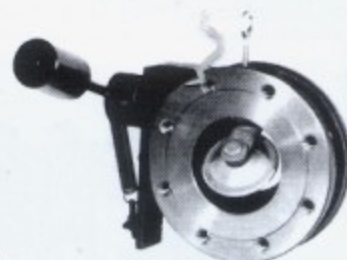
SA-4

Check valve with backflush lever/indicator. Also available with external spring.



SA-1-LT

Check valve with spring and adjustable counterweight is recommended for sewage and piping leading into a large manifold.



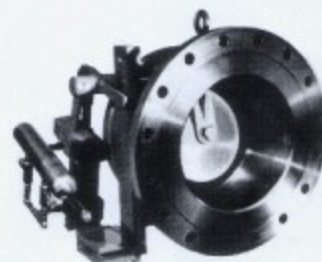
SA-100

This ANSI valve is designed for nuclear reactor emergency shutdown. It features a chain wheel to open or close valve manually. Also has limit switches to indicate fully open or closed positions on control room monitor. Otherwise valve operates automatically.



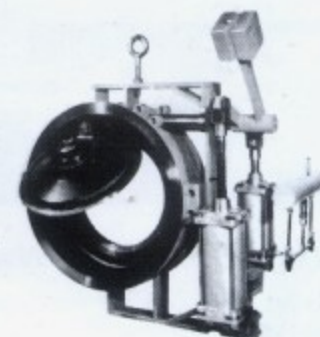
H-100

This check valve is equipped with hydraulic cushion counterweight and spring for air blower service with low pressure and high volume flow.



H-102

Venturi valve equipped with hydraulic cushion counterweight and spring. For blower service where valve is mounted on the blower discharge flange.



H-101

Check valve for high volume discharge applications where hydraulic controlled closing action is required for emergency shutdown.

Check Rite: Light in Weight and Easy to Install

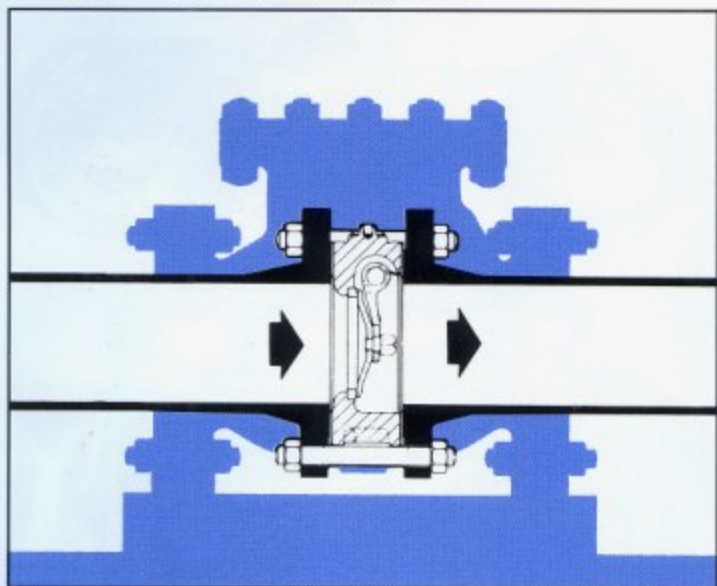
Ritepro Check Rite wafer swing check valves are general purpose valves that are stronger, lighter and more compact than conventional check valves. They are less expensive to install and to maintain.

Their compact design minimizes the distance between faces and they are easy to install between any ANSI flange. Only one set of flange studs, which span the valve, is used. The installed valve is more rigid than the length of pipe it replaces. Therefore, there is no need for expensive supports.

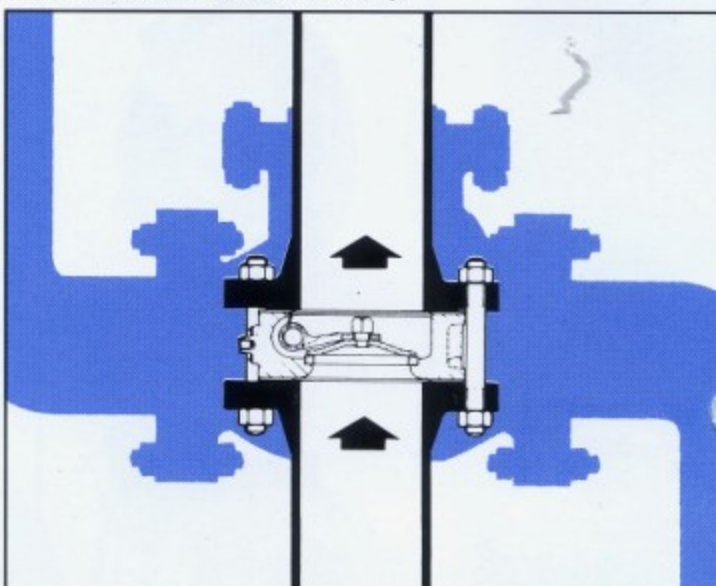
The spring actuated disc assembly operates in either a horizontal or a vertical position. This feature simplifies pipe layout.

A 12" (300 mm) Check Rite ANSI Series 150 steel valve weighs only 84 pounds (38.4 kilos) as compared to 775 pounds (352 kilos) for a conventional 12" swing check valve. The conventional valve is installed with twice as many studs and nuts which further adds to the weight difference.

Check Rite horizontal assembly compared to conventional check valve assembly.



Check Rite vertical assembly compared to conventional check valve assembly.



How to Order Check Rite

Use this handy code number system when you write your order:

- 1 Size
- 2 ANSI Flange Rating
- 3 Body Material
- 4 Seat Material
- 5 Spacer Material

Example: A 2" 150# rated Wafer Check Valve, Ductile Iron Body, 304 Stainless Steel Seat and Teflon Spacers may be written as follows:

02 - 15 - D - M - T

Valve Rating and Colour Code

ANSI Series	API Series	Maximum Cold Working Pressure	Colour Code	Body Material
125	—	285	Black	Cast Iron
150	—	285	Green	Ductile Iron
150	150	285	Blue	Steel
300	300	740	Yellow	Steel
400	400	990	Grey	Steel
600	600	1480	Grey	Steel
900	900	2220	Grey	Steel
1500	1500	3705	Grey	Steel

Valves fabricated from stainless steel and aluminum are natural colour.

Use These Code Numbers

Size in inches	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	30	36	42
Code No.	015	02	025	03	04	05	06	08	10	12	14	16	18	20	24	30	36	42
Valve Rating in psi	125	150	300	400	600	900	1500											
Code No.	12	15	30	40	60	90	150											
Body Material	Ductile	Steel	Stainless Steel	Aluminum	Cast Iron													
Code No.	D	S	X	A	C													
Seat Material	Buna 'N'	Viton	Stainless Steel															
Code No.	B	V	M															
Spacer Material	Teflon	Stainless Steel	Bronze															
Code No.	T	Z	Y															
Disc Material	Valves from 1 1/2" to 12" are stainless steel. Sizes 14" and up and all of 600, 900 and 1500 Series have carbon steel hinge; discs are carbon steel with stainless steel trim. (No need to specify disc material when ordering.)																	

Bolting for ANSI Series

Nominal Pipe Size		125 & 150 Series				250 & 300 Series			
		Qty	Stud Size			Qty	Stud Size		
Inch	mm	Studs	Inch	mm		Studs	Inch	mm	
2	50	4	*5/8 x 5 1/8	* 16 x 130		8	5/8 x 5	16 x 130	
2 1/2	65	4	*5/8 x 5 3/4	* 16 x 148		8	3/4 x 5 3/4	20 x 145	
3	80	4	*5/8 x 6 1/8	* 16 x 156		8	3/4 x 6	20 x 155	
4	100	8	5/8 x 5 3/4	16 x 145		8	3/4 x 6 1/2	20 x 165	
5	125	8	3/4 x 6 1/4	20 x 160		8	3/4 x 7	20 x 180	
6	150	8	3/4 x 6 1/2	20 x 165		12	3/4 x 7 1/2	20 x 190	
8	200	8	3/4 x 7	20 x 180		12	7/8 x 8 1/4	22 x 210	
10	250	12	7/8 x 7 3/4	22 x 200		16	1 x 9 1/4	24 x 235	
12	300	12	7/8 x 8	22 x 205		16	1 1/8 x 10	28 x 255	
14	350	12	1 x 9 1/4	24 x 235		20	1 1/8 x 11	28 x 280	
16	400	16	1 x 9 1/2	24 x 245		20	1 1/4 x 11 1/2	32 x 295	
18	450	16	1 1/8 x 10 1/4	28 x 260		24	1 1/4 x 11 3/4	32 x 300	
20	500	20	1 1/8 x 11 1/2	28 x 295		24	1 1/4 x 13 1/2	32 x 345	
24	600	20	1 1/4 x 12 3/4	32 x 325		24	1 1/2 x 15	38 x 385	
30	750	28	1 1/4 x 18	32 x 460					
36	900	32	1 1/2 x 19 1/2	38 x 495					
42	1050	36	1 1/2 x 20 1/2	38 x 520					

1 1/2" / 40 mm			
ANSI	Qty	Stud Size	
		Inch	mm
150	4	1/2 x 5 3/8	12 x 137
300	4	3/4 x 6	20 x 152
400	4	3/4 x 6 1/2	20 x 164
600	4	3/4 x 6 1/2	20 x 164
900	4	1 x 8 1/2	24 x 215
1500	4	1 x 8 1/2	24 x 215

*Series 125 only: Figures for Series 150 are as follows:

Pipe Size		Stud Size	
Inch	mm	Inch	mm
2	50	5/8 x 4 3/4	16 x 120
2 1/2	65	5/8 x 5 1/2	16 x 135
3	80	5/8 x 5 5/8	16 x 140

Bolting for API Series

Nominal Pipe Size		150 Series				300 Series				400 Series			
		Qty	Stud Size			Qty	Stud Size			Qty	Stud Size		
Inch	mm	Studs	Inch	mm		Studs	Inch	mm		Studs	Inch	mm	
2	50	4	5/8 x 5 5/8	16 x 143		8	5/8 x 5 7/8	16 x 149		8	5/8 x 6 1/8	16 x 155	
2 1/2	65	4	5/8 x 6 1/8	16 x 155		8	3/4 x 6 3/4	20 x 171		8	3/4 x 6 7/8	20 x 175	
3	80	4	5/8 x 6 1/2	16 x 165		8	3/4 x 7 3/16	20 x 183		8	3/4 x 7 3/4	20 x 197	
4	100	8	5/8 x 6 1/2	16 x 165		8	3/4 x 7 3/8	20 x 187		8	7/8 x 8 1/2	22 x 215	
5	125	8	3/4 x 7 3/8	20 x 188		8	3/4 x 8 1/8	20 x 197					
6	150	8	3/4 x 8 1/8	20 x 207		12	3/4 x 8 3/4	20 x 200		12	7/8 x 11	22 x 279	
8	200	8	3/4 x 9 1/2	20 x 242		12	7/8 x 10 5/8	22 x 270		12	1 x 13	24 x 330	
10	250	12	7/8 x 10 3/4	22 x 273		16	1 x 12 5/16	24 x 313		16	1 1/8 x 13 7/8	28 x 352	
12	300	12	7/8 x 12 1/4	22 x 312		16	1 1/8 x 14 1/4	28 x 362		16	1 1/4 x 17	32 x 432	

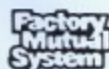
Nominal Pipe Size		600 Series				900 Series				1500 Series			
		Qty	Stud Size			Qty	Stud Size			Qty	Stud Size		
Inch	mm	Studs	Inch	mm		Studs	Inch	mm		Studs	Inch	mm	
2	50	8	5/8 x 6 1/8	16 x 155		8	7/8 x 9 5/8	22 x 244		8	7/8 x 9 5/8	22 x 244	
2 1/2	65	8	3/4 x 6 7/8	20 x 174		8	1 x 9 1/4	24 x 234		8	1 x 9 1/4	24 x 234	
3	80	8	3/4 x 7 3/4	20 x 197		8	7/8 x 8 5/8	22 x 219		8	1 1/8 x 10 1/8	28 x 257	
4	100	8	7/8 x 8 1/2	22 x 215		8	1 1/8 x 10 5/8	28 x 269		8	1 1/4 x 12	32 x 304	
5	125												
6	150	12	1 x 12	24 x 304		12	1 1/8 x 13 3/4	28 x 349		12	1 3/8 x 16 1/2	35 x 419	
8	200	12	1 1/8 x 14	28 x 355		12	1 3/8 x 16 7/8	35 x 428		12	1 5/8 x 19 1/2	35 x 495	
10	250	16	1 1/4 x 16 7/8	32 x 428		16	1 3/8 x 18 3/4	35 x 473		12	1 7/8 x 23 7/8	48 x 606	
12	300	20	1 1/4 x 17 3/4	32 x 450		20	1 3/8 x 21 1/2	35 x 546		16	2 x 27 5/16	50 x 693	

Check Rite Check Valves for Fire Protection Systems

Check Rite offers end users the latest state of the art in check valve design. They are installed in fire protection systems in accordance with the standards of the National Fire Protection Association.

Check Rite costs less than conventional check valves. Light and easily installed they are fully automatic in function.

Ask your Ritepro distributor for a copy of our catalogue No. 20.



Factory Mutual Systems approved for use:

Discharge Lines Fire Pumps
Fire Protection Systems
Check valves antiwater-hammer
Single check Valves
Serial No. J.I. 1H7A8.AH (1230)



Listed by Underwriters Laboratories of Canada for use:

1. Foam Extinguishing Systems
NFPA No. 11
2. Installation of Sprinkler Systems
NFPA No. 13
3. Standpipe and Hose Systems
NFPA No. 14
4. Water Spray Systems for Fire Protection
NFPA No. 15
5. Installation of Centrifugal Pumps
NFPA No. 20
6. Water Tanks for Private Fire Protection
NFPA No. 22
7. Outside Protection NFPA No. 24

File CEX429



This Chart Applies to ANSI and API Series Valves

