

# Check Valves

Cast Iron

## Type CD125IS Wafer - Double Door - Dual Disc-Check Valve



The **Eco (Economical) Dual Plate Check Valve** features ease of maintenance and exceptional flow characteristics.

- Body gives compact, one-piece wafer design
- Dual plate valves give maximum strength with minimum opening time
- Full contact seats maintain positive shut-off at minimum working pressure
- Torsion springs assist valve closure, preventing flow reversal
- Shaft is of extra heavy duty, corrosion resistant construction
- Shaft supports with large bearings act as stops to prevent over travel of plates
- Thrust washers reduce friction and wear of valve plate hinges.
- Model CD125IS with 316SS Discs

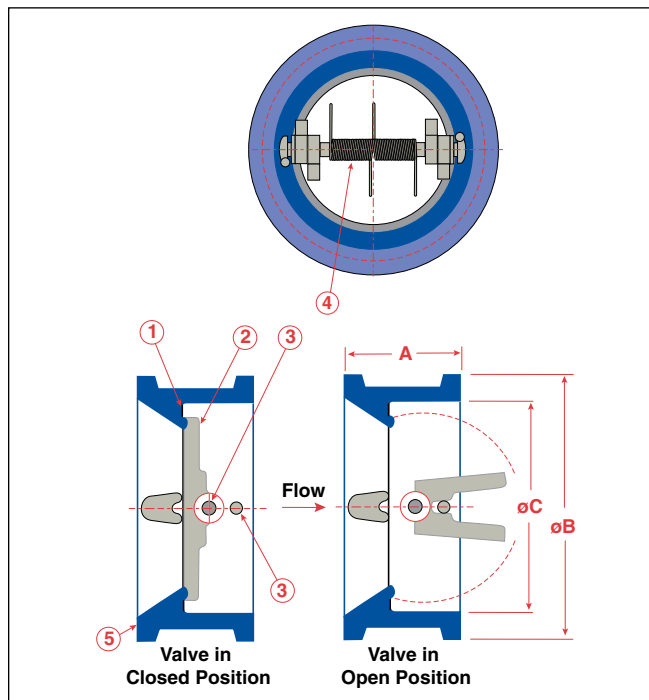
### Construction

No	Name	Material
1	Seat/Seal	Buna-N
2	Discs	A351 Gr. CF8M Stainless Steel
3	Shaft	A351 Gr. CF8M Stainless Steel
4	Torsion Spring	A351 Gr. CF8M Stainless Steel
5	Cast Body	A126 Class B Cast Iron

### Operating Pressures and Temperatures

Service	Size	psi	Temp
WOG	2" - 12"	200	200°F
WOG	14" - 54"	150	200°F

Check Valves



### Dimensional Data

Size Inches	Model	A	B	C	Shipping Weight (lbs)
2	0200	2 1/8	4 1/8	2 3/8	6
2 1/2	0250	2 1/8	4 7/8	2 5/16	7
3	0300	2 1/4	5 3/8	3 3/4	10
4	0400	2 1/2	6 3/8	4 1/2	14
5	0500	2 3/4	7 11/16	5 11/16	19
6	0600	3	8 3/4	6 5/8	25
8	0800	3 3/4	11	8 5/8	42
10	1000	4 1/4	13 3/8	10 3/4	72
12	1200	5 5/8	16	12 5/8	116
14	1400	7 1/4	16 5/8	13 11/16	182
16	1600	7 1/2	20 1/2	16 11/16	243
18	1800	8	21 5/8	18	334
20	2000	8 3/8	23 7/8	20 1/4	430
24	2400	8 3/4	28 1/4	23 3/4	582
26	2600	11 1/4	30 1/2	24 3/4	1,128
28	2800	12 5/8	32 3/4	27 5/8	1,293
30	3000	12	34 13/16	30 1/8	1,356
32	3200	14 1/2	37	30 11/16	1,746
36	3600	14 1/2	41 1/4	34	2,125
40	4000	16	45 3/4	38 13/16	3,011
42	4200	17	48	41 13/16	3,795
48	4800	20 5/8	54 1/2	47	5,566
54	5400	21 1/4	60 7/8	50 1/2	6,831

### Ordering Information

Example: Include full description

Size Model  
(Prefix) #

0400 - CD125IS

4", Cast Iron Wafer Check Valve,  
BUNA-N Seat, 316SS Discs.

### Notes

Manufacturer reserves the right to modify dimensions, materials, or design. Contact factory for certification.

Valves are designed to operate on vertical and horizontal flow, see note 1.

#### NOTE 1

**Horizontal Flow:** Valve must be installed with disc hinge pin in the vertical position, to insure proper operation.