

Class 125 Swing Check Valve

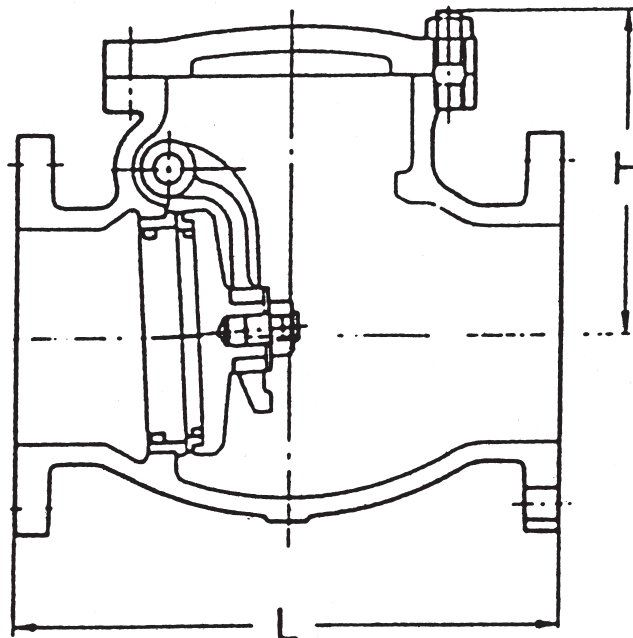
ASTM A126 CLASS B
BOLTED COVER, SWING TYPE DISC

STANDARD

Flanged Ends = ANSI = B16.1
Face to Face Dimensions = ANSI = B16.1

PRESSURE RATING

200psi Non-Shock Water, Oil, Gas
125psi Saturated Steam
350psi Hydrostatic Shell Test
220psi Hydrostatic Seat Test



Check Valve

MATERIALS LIST

Body		A126 Class B
Cover		A126 Class B
Disc	Size 2" to 4"	F6a
	Size 5" to 10"	A126 Class B
Disc nut		Carbon Steel
Seat ring		F6a
Hinge pin		Type 403
Arm		A536 Gr.60-40-18
Gasket		Asbestos-free
Cover bolt/nut		Carbon Steel

DIMENSIONS & WEIGHTS

Size	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"
L (RF & BW)	8.00	8.50	9.50	11.50	14.00	19.50	24.50	27.50	31.00	34.00	38.50	38.50	51.00	60.00
H (Approx)	6.50	6.61	7.09	8.27	10.43	12.60	13.98	16.14	16.93	19.29	21.26	23.62	26.77	38.58
Weight (Aprox)	RF	37	55	73	104	190	354	507	750	1055	1246	1663	2020	2997
	BW	31	37	57	82	176	293	470	648	970	1125	1433	1720	2483

Socfication subject to change without notice.
30" to MSS SP-44 or API 605

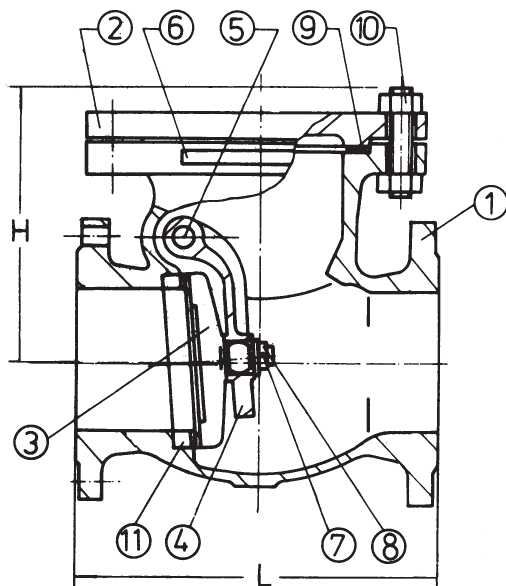
ASTM A216 WCB Bolted Cover, Swing Type Disc Threaded or Welded Seat Ring

Standards:

Face to Face Dimensions:	ANSI B16.10
End Flange Dimensions:	ANSI B16.5
Buttwelding Ends:	ANSI B16.25
Shell Wall Thickness:	API 600
Basic Design:	ANSI B16.34
Test:	API 598

Figure No.

3B01F (RF)
3B01WE (BW)



NO	PART NAME	Q'TY	MATERIALS
1	Body	1	WCB
2	Cover	1	WCB
3	Disc	1	WCB 13Cr Overlay
4	Hinge	1	WCB
5	Hinge Pin	1	A276 - 410, 420
6	Nameplate	1	321
7	Pin	1	A276 - 410, 420
8	Disc Nut	1	A276 - 410, 420
9	Gasket	1	304 Wound Grafoil
10	Stud/nut		B7 / 2H
11	Seat Ring	1	A105 HF

NOTE: Body material WC6, LCB also available.

DIMENSIONS & WEIGHTS

In. & Lbs.

SIZE	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"
L (RF & BW)	8.00	8.50	9.50	11.50	14.00	19.50	24.50	24.50	31.00	34.00	38.50	38.50	51.00	60.00
H (Approx)	6.50	6.61	7.09	8.27	10.43	12.60	13.98	13.98	16.93	19.29	21.26	23.62	26.77	38.58
Weight (Approx)	RF	37	55	73	104	190	354	507	507	1055	1246	1663	2020	4247
	BW	31	37	57	82	176	293	470	470	970	1125	1433	1720	3810

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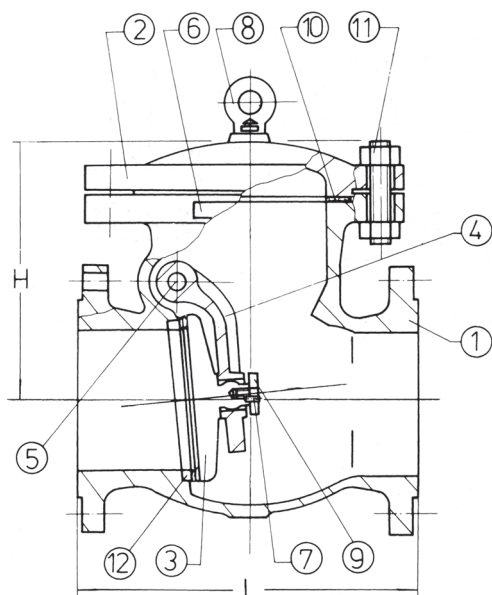
ASTM A216 WCB Bolted Cover, Swing Type Disc Threaded or Welded Seat Ring

Standards:

Face to Face Dimensions:	ANSI B16.10
End Flange Dimensions:	ANSI B16.5
Buttwelding Ends:	ANSI B16.25
Shell Wall Thickness:	API 600
Basic Design:	ANSI B16.34
Test:	API 598

Figure No.

3B03F (RF)
3B03WE (BW)



NO	PART NAME	Q'TY	MATERIALS
1	Body	1	WCB
2	Cover	1	WCB
3	Disc	1	WCB 13Cr Overlay
4	Hinge	1	WCB
5	Hinge Pin	1	A276 - 410, 420
6	Nameplate	1	321
7	Pin	1	A276 - 410, 420
8	Disc Nut	1	A276 - 410, 420
9	Gasket	1	304 Wound Grafoil
10	Stud/nut		B7 / 2H
11	Seat Ring	1	A105 HF

NOTE: Body material WC6, LCB also available.

DIMENSIONS & WEIGHTS

In. & Lbs.

SIZE	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"
L (RF & BW)	10.50	11.50	12.50	14.00	17.50	21.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00	62.75
H (Approx)	7.09	7.28	8.27	9.06	11.61	13.93	15.16	17.32	19.00	21.7	24.25	27.00	29.76	38.43
Weight (Approx)	RF	71	77	110	150	322	548	772	1091	1499	1852	2205	2911	4190
	BW	60	68	90	143	282	507	595	1041	1224	1764	2139	2359	3925

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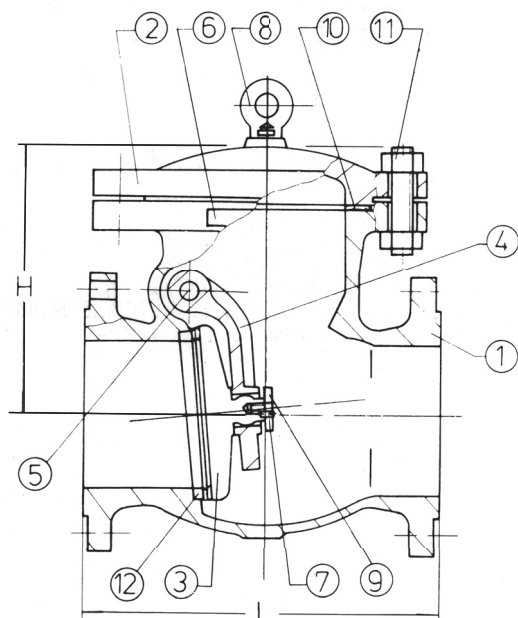
ASTM A216 WCB Bolted Cover, Swing Type Disc Threaded or Welded Seat Ring

Standards:

Face to Face Dimensions:	ANSI B16.10
End Flange Dimensions:	ANSI B16.5
Buttwelding Ends:	ANSI B16.25
Shell Wall Thickness:	API 600
Basic Design:	ANSI B16.34
Test:	API 598

Figure No.

3B06F (RF)
3B06WE (BW)



NO	PART NAME	Q'TY	MATERIALS
1	Body	1	WCB
2	Cover	1	WCB
3	Disc	1	WCB 13Cr Overlay
4	Hinge	1	WCB 410
5	Hinge Pin	1	A276 - 410, 420
6	Nameplate	1	321
7	Set Screw	1	A276 - 410, 420
8	Hook Screw	1	Carbon Steel
9	Disc Nut	1	A276 - 410, 420
10	Gasket	1	304 Wound Grafoil
11	Stud/nut		B7 / 2H
12	Seat Ring	1	A105 HF

NOTE: Body material WC6, LCB also available.

DIMENSIONS & WEIGHTS

In. & Lbs.

SIZE	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L (RF & BW)	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00
H (Approx)	7.36	8.15	9.09	11.61	14.25	16.54	18.90	21.46	23.62	25.59	28.94	34.65	37.40
Weight (Approx)	RF	75	90	143	194	560	893	1367	1808	2029	2690	3429	5270
	BW	68	99	132	187	496	805	1103	1577	1940	2514	3197	4438

Specification subject to change without notice.