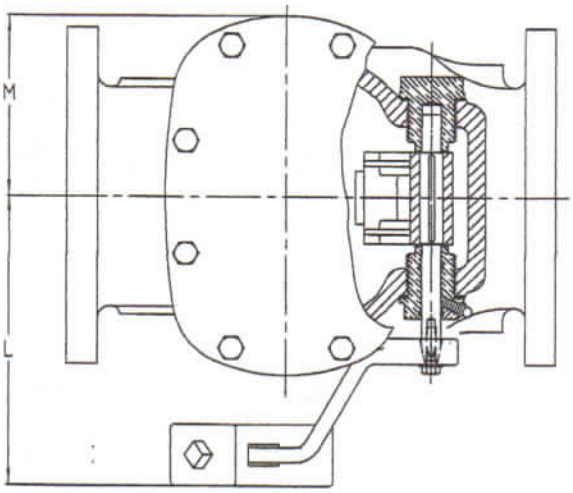
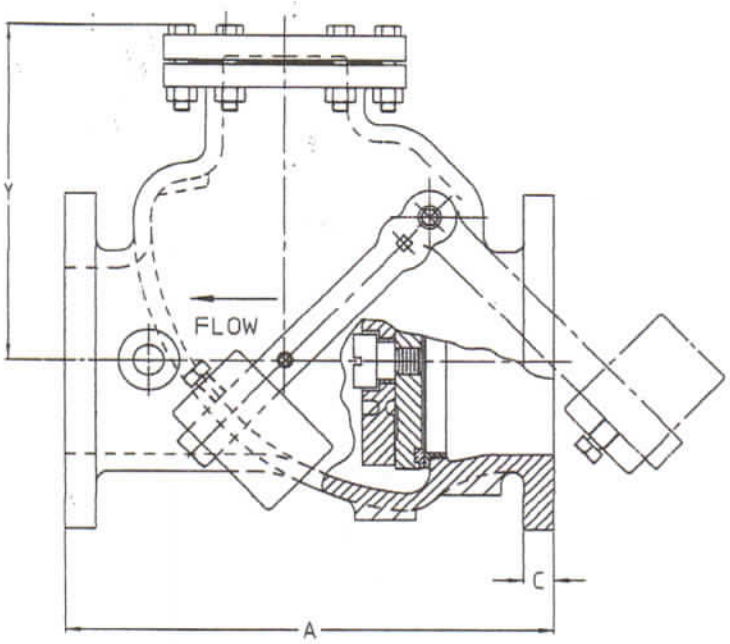
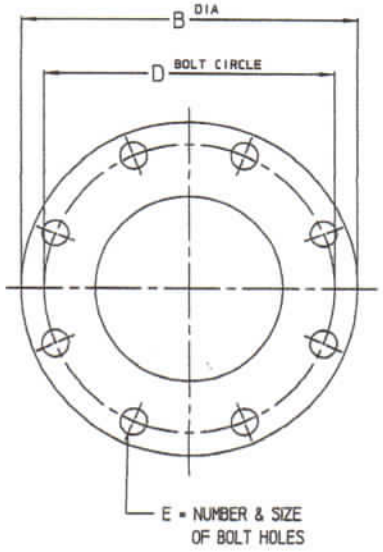
LEVER AND WEIGHT DIMENSIONS







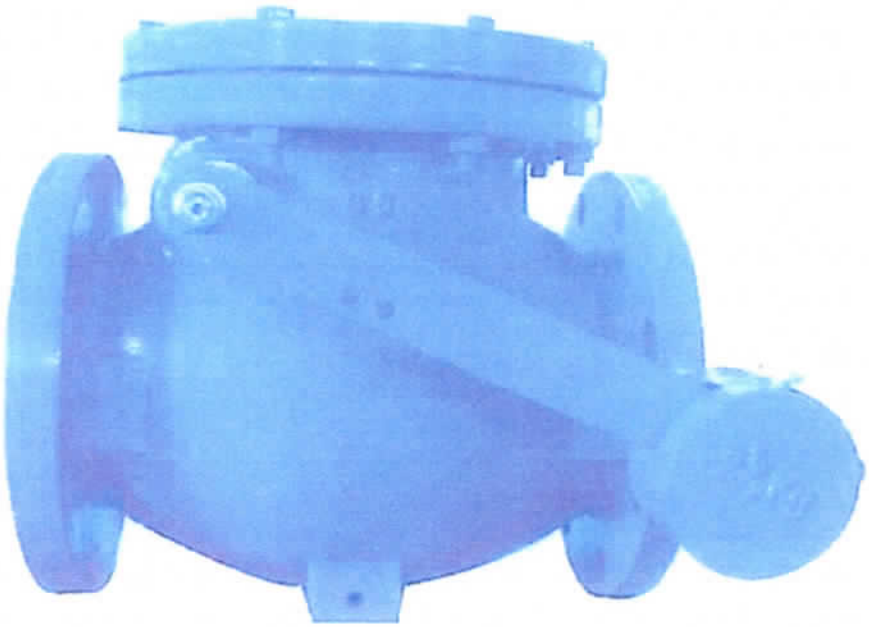
94-20976-D

Valve Size	A	B	C	D	E	L	M	Y
3"	11.00	7.50	.75	6.00	4 - 0.75	5.85	3.94	7.38
4"	13.00	9.00	.94	7.50	8 - 0.75	6.57	4.50	9.00
6"	16.00	11.00	1.00	9.50	8 - 0.88	9.43	5.88	10.75
8"	19.50	13.50	1.13	11.75	8 - 0.88	10.66	7.13	12.75
10"	24.50	16.00	1.19	14.25	12 - 1.00	12.35	8.19	14.75
12"	27.50	19.00	1.25	17.00	12 - 1.00	13.01	9.38	18.00
14"	31.00	21.00	1.38	18.75	12 - 1.12	15.56	11.25	20.38
16"	32.50	23.50	1.44	21.25	16 - 1.12	16.96	12.25	21.75

WATER TECHNOLOGY RESOURCES – WTR VALVES

September, 2007

SWING CHECK VALVE



9700 Humboldt Avenue South, Bloomington, Minnesota 55431
PH: 952-885-0658 Fax: 952-885-9173 E-mail: sallyw@watertechnologyresources.com

January, 2012

90° Conventional Swing Check Valves

AWWA C-508

Standard Swing Check Valves incorporate a single disc which swings open 90° to allow full flow through the valve.

1.) The valve body and disc are designed to allow full flow and to minimize friction loss and turbulence.

2.) These valves are suitable for uses in water, sewage and Industrial slurry applications.

3.) The rugged design includes "oversized" shaft diameters and the valves are available with bronze or rubber disc rings and cast bronze seat rings. The valves have a bolted cover design through which to service the swing disc.

4.) Fusion Bonded Epoxy Coating, interior and exterior.

5.) Size Range: 2" – 72".

6.) Optional: ~ Outside Lever and Weight or Spring Assist.
~ Rubber Faced Valve Clappers.

Valves meet **AWWA C-508 standards** as well as ANSI B 16.1 Standard Class 125 flanged construction suitable for working pressures of up to 200 psi.

Valves can be constructed for **Class 250** when the valve body and bonnet are constructed of **ductile iron** – ASTM A536-9v.65-45-12.

"A Higher Quality Valve at a More Competitive Price."

9201 E Bloomington Fwy Suite Z, Bloomington, Minnesota 55420
PH: 952-641-9004 Fax: 952-885-9173 E-mail: contact@wtrvalves.com

January, 2014

90° Swing Check Valves – AWWA C508

Design Features

Size Range – 2"-48"

AWWA/NSF61

Flanged, ANSI B16.10

Standard Working Pressures – ANSI Class 125/250/300

Types – Lever/Weight/Lever Spring - Air Cushioned Cylinder - Oil Cushioned w/Buffer

Fully Ported

Actuator – Interchangeable to either side

Oversized Shafts & Bearings

Drop Tight Sealing

Heavy Duty Construction

Field Serviceable – In Line

NSF61 Approved Protective Coating – Inside and Outside

O Ring Seal

Materials of Construction

Body – Cast Iron, Ductile Iron, Stainless Steel, Carbon Steel, Special Alloys

Disc-Cast Iron/Ductile Iron/Stainless Steel

Disc Ring – Bronze/NBR

Disc Arm – Heavy Duty Ductile Iron

Metal Seat – Bronze

Pivot Hinge – Stainless Steel

Resilient Seat – Buna N/EPDM/Viton

90° Swing Check Valve – AWWA C508

Design Features

- API 600
- NSF61 Approved/Certified
- Size range: 2"-72"
- Design Pressure 150/250/300 Psi
- Outside Lever/Weight/Spring or Combination
- Air/Oil Cushioned Assistance
- Full Flow Body
- Rubber or Metal Seated
- Renewable Seats
- Vertical or Horizontal Installation
- Oversized Shafts/Bearings

Performance

- Drop Tight Seating
- Adjustable Weight/Spring
- Disc – Easy Access
- Adjustable Weight/Spring

Materials of Construction

- Body/Disc – Ductile/Cast Iron/Stainless
- Shaft – Stainless Steel/Bronze
- Body Seat – Bronze/Stainless Steel
- Disc Ring – Bronze/NBR
- Pivot Hinge – Stainless Steel
- Bushings – PTFE/EPDM/NBR
- Hardware – Stainless Steel
- Protective Coating – NSF61 Approved Fusion Bonded Epoxy (FBE)

Accessories

- Disc Position Indicator

Options

- Valve Body – Special Alloys
- Special Materials: Disc, Shaft, Seat
- Air/Oil Cushion buffer
- Actuator Pad – Either Side of Valve
- Special Coatings