

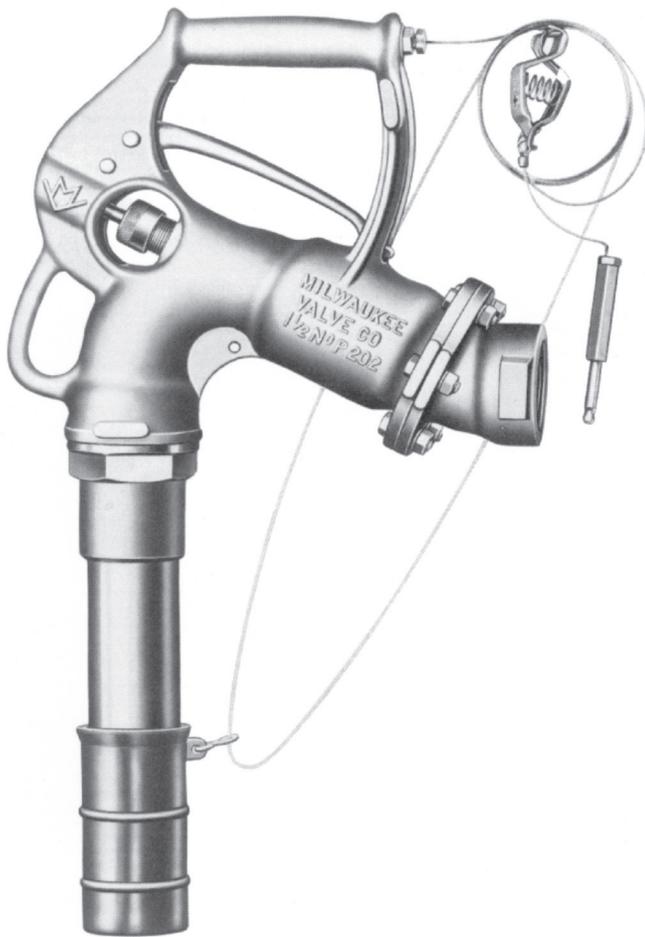
# Dry Bulk - Chemical -Petroleum Nozzles & Valves Index

Part No.	Description	Page
<b>Nozzles</b>		
P-202	Overwing Aircraft Refueling, Bronze	1
P-2022	Overwing Aircraft Refueling , Aluminum	1
P-2056	Overwing Aircraft Refueling , Aluminum	2
<b>Butterfly Valves</b>		
P-2850	Flanged, Aluminum Body, Ductile Iron Disc	3
P-2851	Flanged, Aluminum Body, Stainless Steel Disc	3
P-2855	Flanged, Aluminum Body ,Ductile Iron Disc	4
P-2860	Flanged, Aluminum Body, Stainless Steel Disc	5
<b>Gate Valves</b>		
C-35551	Flanged, Bolted Bonnet, Aluminum Body	6
P-2699RF	Flanged, Bolted Bonnet, Aluminum Body	7
P-2671	Flanged, Threaded Bonnet , Bronze Body	8
P-900	Quick Opening Gate, Threaded Ends, Bronze Body	9
P-901	Quick Opening Gate, Threaded Ends, Bronze Body	10
P-902	Quick Opening Gate, Threaded Ends, Bronze Body	11
<b>Check Valves</b>		
P-509	Horizontal Swing, Threaded Ends, Bronze Body	12
P-2519A	Horizontal Swing, Flanged, Aluminum Body	13
P-717F	Angle, Flanged, Aluminum Body	14
P-717S	Angle, Threaded Ends, Bronze Body	15
P-728	Vertical Lift, Threaded Ends, Aluminum Body	16
P-729	Vertical Lift, Flanged, Aluminum Body	17
<b>Relief Valve</b>		
P-612A	Threaded Ends, Aluminum Body	18

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



**HOSE NOZZLE P-202, P-2022**  
**BRONZE OR ALUMINUM**  
**Overwing Aircraft Refueling • Tank Trucks**  
**Bronze Internal Parts • 2 Stage Fulcrum Lever**  
**Balanced Dashpot Control**  
**Dual Disk**



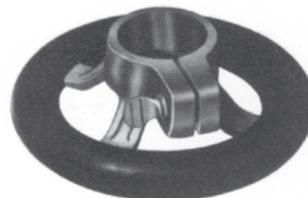
This easy-opening, soft-close valve minimizes shock. It is designed for operations up to 60 psi at inlet. Easy opening is achieved by balanced pressures on the valve assembly. Soft close controlled by balanced dashpot mechanism. Curved body minimizes friction and permits full flow. Poppet and dashpot assembly easily removed for repairs. Nozzle normally furnished with inlet adaptor, rigid tube, 100 mesh strainer, dust cap and ground cable. NPT inlet threads.

MODEL	SIZE/INCHES	DESCRIPTION
P-202	1 1/2, 2 2 1/2 x 2	Bronze (less strainer, cap and cable)
P-202-G	1 1/2, 2 2 1/2 x 2	Bronze (with strainer, cap and cable)
P-202-HG	1 1/2 x 1 1/4	Bronze (with reducing tube, strainer, cap and cable)
P-2022-R	1 1/4, 1 1/2, 2 2 1/2 x 2	Aluminum (less strainer, cap and cable)
P-2022-G	1 1/4, 1 1/2, 2 2 1/2 x 2	Aluminum (with strainer, cap and cable)
P-2022-HG	1 1/2 x 1 1/4	Aluminum (with reducing tube, strainer, cap and cable)

NOTE: P-2022 available with stainless steel trim for demineralized water.

MILITARY SPECIFICATION	
P-202	Conforms to MIL-N-4180 Type II
P-2022	Conforms to MIL-N-4180 Type I

AVAILABLE EXTRA	
P-84196	Filler Neck Protector



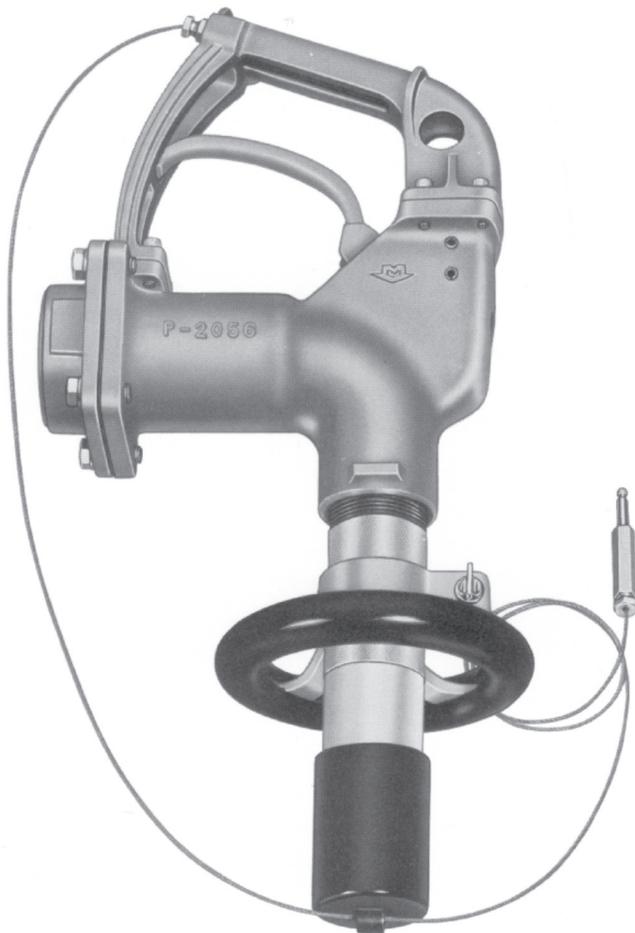
The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# HOSE NOZZLE P-2056

## ALUMINUM

**Aircraft Refueling • Cushion Close**  
**135 GPM 25 psi Inlet Nozzle Pressure**  
**Aluminum & Stainless**  
**Internal Parts**



This Cushion Close Nozzle protects hose against hydraulic hammering effect with a timed soft close action. A tamper proof, non-adjustable design provides positive constant setting. Normal setting of 1.5 seconds is provided unless other is requested. This is a balanced valve with less than 15 lbs. lever pull under full line pressure from 25 to 70 psig. Line pressure offsets spring load for easy operation. Nozzle normally furnished with Aluminum Rigid Tube, 100 Mesh Strainer, Filler Neck Protector, Nozzle Cap and Ground Cable. P-2056 Nozzles are intended for use on ground equipment for servicing aviation fuel. Also can be used for servicing automotive fuels to ground vehicles and equipment.

---

### SIZE

---

2" Inlet x 2" Outlet (Spout)

---

---

### MILITARY SPECIFICATION

---

P-2056	Conforms to MIL-N-87963 Type MD-3
--------	-----------------------------------

---

---

### AVAILABLE EXTRA

---

4178-HJ	2" x 1 1/2" Inlet Reducing Bushing
4178-G5A	2" x 1 1/4" Inlet Reducing Bushing

---



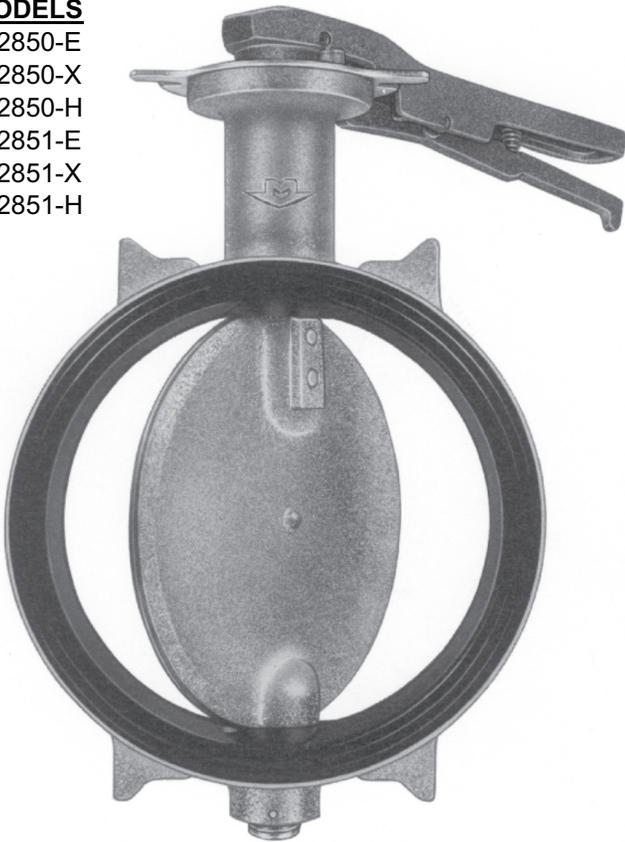
# BUTTERFLY P-2850, 2851 SERIES

## ALUMINUM

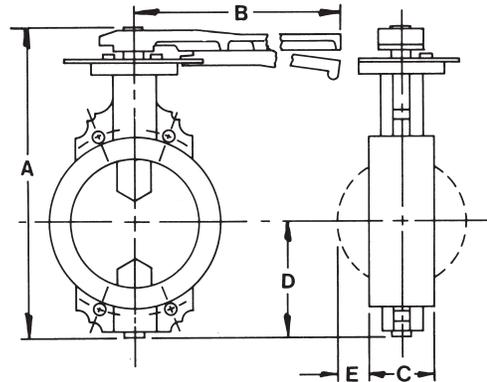
Tank Trucks • Bulk Plants • Dry Bulk Plants  
90° Arc • Quick Open

### MODELS

- P-2850-E
- P-2850-X
- P-2850-H
- P-2851-E
- P-2851-X
- P-2851-H



These Butterfly valves of rugged lightweight aluminum are designed to accept a variety of flange fittings. They have been developed specifically for tank truck application. Three different liners are offered. The "E" (EPDM) liner is a general purpose liner for dry bulk product and air lines. The "H" (Hydrin) liner is for use with petroleum products. The "X" (Polyurethane) liner is a special high abrasion material for dry bulk product lines where the temperature does not exceed 200° F. Model P-2850 valves have plated ductile iron discs. P-2851 valves have stainless steel discs.



LOCATES BETWEEN A.N.S.I., T.T.M.A. AND  
COMPETITIVE SPECIAL FLANGES

### DIMENSIONS-INCHES

SIZE	A	B	C	D	E
2	7 1/2	8 1/2	1 3/4	2 15/32	9/32
3	8 9/16	8 1/2	1 7/8	3	3/4
4	9 3/4	11 1/16	2 1/8	3 21/32	1 1/8
5	11 1/16	11 1/16	2 5/16	4 3/16	1 1/2
6	12 1/4	11 1/16	2 5/16	4 21/32	2

### FLANGE SPECIFICATIONS-INCHES

SIZE	ASA			T.T.M.A.			COMPETITIVE		
	B.C DIA.	BOLT DIA.	NO. BOLTS	B.C DIA.	BOLT DIA.	NO. BOLTS	B.C DIA.	BOLT DIA.	NO. BOLTS
2	4 3/4	5/8	4	3 3/4	3/8	6	4 17/64	3/8	4
3	6	5/8	4	4 7/8	3/8	8	4 29/32	3/8	6
4	7 1/2	5/8	8	5 7/8	3/8	8	7 1/32	1/2	6
5	8 1/2	3/4	8	7	3/8	12	7 9/16	1/2	6
6	9 1/2	3/4	8	8 1/8	3/8	12	8 15/16	1/2	6

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



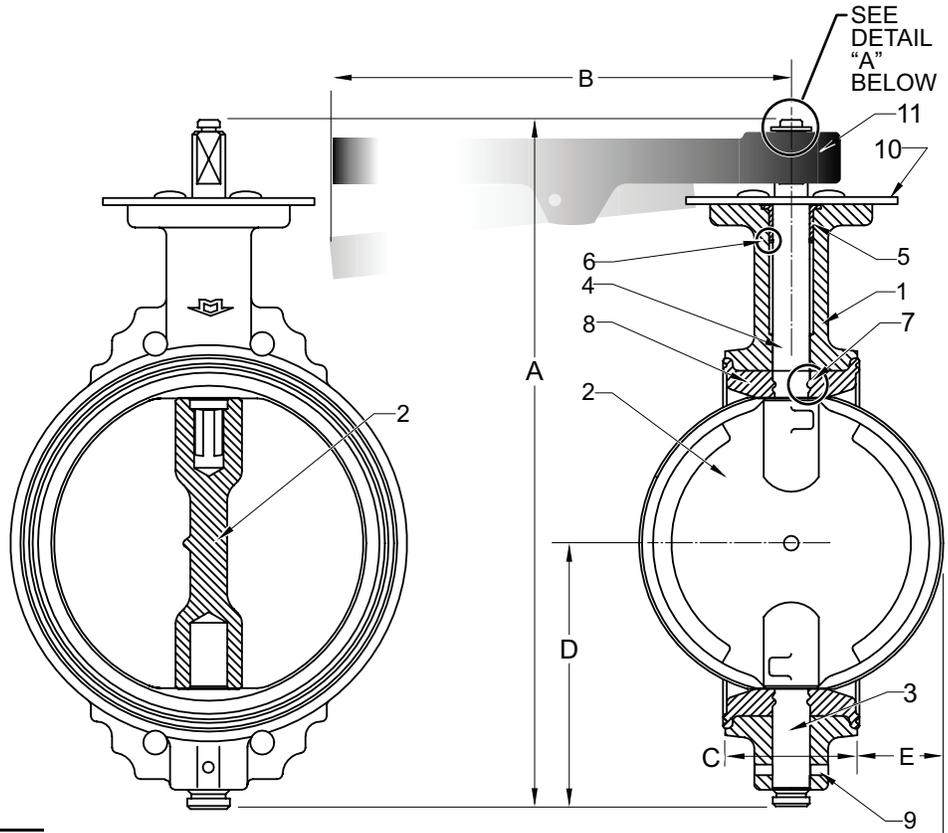
# BUTTERFLY P-2855E , P-2855H ALUMINUM

Tank Trucks • Bulk Plants • Dry Bulk Plants  
90° Arc • Quick Open

Lightweight aluminum accepts a variety of flanged fittings developed specifically for Tank Truck applications.

MODEL 2855E has an EPDM liner that is for dry bulk product and airlines.

MODEL 2855H has an HYDRIN liner that is for use with petroleum products.



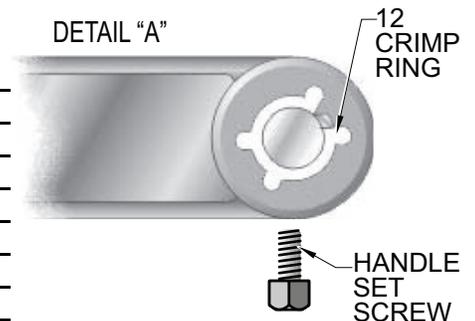
## MATERIALS LIST

ITEM	PART NAME	MATERIALS
1	Body	Aluminum
2	Disc	Ductile Iron Ni-Plated
3	Bottom Stem	Stainless Steel T-416
4	Top Stem	Stainless Steel T-416
5	Top Bearing with Integrated Dirt Seal	Thermo Setting Alloy
6	C-Clip	Spring Steel
7	Stem Seal	EPDM
8	Liner	EPDM
9	Spring Pin	Stainless Steel T-302
10	Stop Plate	Carbon Steel Zinc Plated
11	Handle	Cast Iron
12	Crimp Ring	Stainless Steel T-309

## VALVE DIMENSIONS

	2"	3"	4"	5"	6"
A	8.15	9.25	10.52	11.60	12.5
B	9	9	11	11	11
C	1.62	1.74	1.99	2.24	2.31
D	2.90	3.52	4.01	4.68	4.78
E	0.30	0.72	1.10	1.46	2

## DETAIL "A"



## FLANGE SPECIFICATIONS

PIPE SIZE	ASA			T.T.M.A.			COMPETITIVE		
	B.C. DIA.	BOLT DIA.	NO. BOLTS	B.C. DIA.	BOLT DIA.	NO. BOLTS	B.C. DIA.	BOLT DIA.	NO. BOLTS
2	4 3/4	5/8	4	3 3/4	3/8	6	4 17/64	3/8	4
3	6	5/8	4	4 7/8	3/8	8	4 29/32	3/8	6
4	7 1/2	5/8	8	5 7/8	3/8	8	7 1/32	1/2	6
5	8 1/2	3/4	8	7	3/8	12	7 9/16	1/2	6
6	9 1/2	3/4	8	8 1/8	3/8	12	8 15/16	1/2	6

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



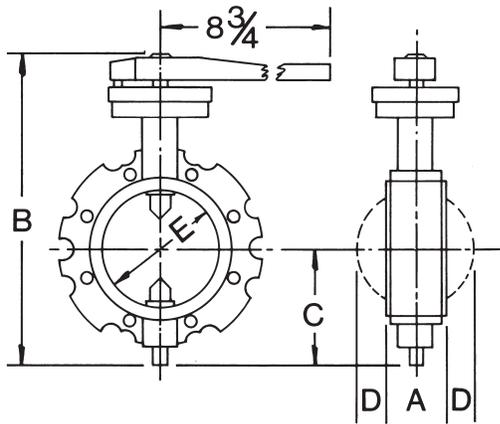
# BUTTERFLY P-2860X, P-2860H ALUMINUM

Tank Trucks • Bulk Plants • Dry Bulk Plants  
90° Arc • Quick Open

This Butterfly valve of rugged lightweight aluminum is designed to accept a variety of flange fittings. It has been developed specifically for tank truck application.

Model P-2860X has a high abrasion seat for dry bulk applications to 200°F and provides longer life and more durability than valves having Buna type seats.

Model P-2860H has a Hydrin liner for air lines and a wide variety of chemicals to 300°F. Discs are stainless steel.



LOCATES BETWEEN A.N.S.I., T.T.M.A. AND  
COMPETITIVE SPECIAL FLANGES

## DIMENSIONS-INCHES

SIZE	A	B	C	D	E
2	1 3/4	8 3/16	3 1/8	11/32	2 3/8
3	1 7/8	9 7/8	3 3/4	13/16	3 3/8
4	2 1/8	10 13/16	4 1/4	1 1/8	4 3/8

## FLANGE SPECIFICATIONS-INCHES

SIZE	A.N.S.I. B16.24 150 LB.			T.T.M.A.			COMPETITIVE		
	B.C DIA.	BOLT DIA.	NO. BOLTS	B.C DIA.	BOLT DIA.	NO. BOLTS	B.C DIA.	BOLT DIA.	NO. BOLTS
2	4 3/4	5/8	4	3 3/4	3/8	6	4 1/4	3/8	4
3	6	5/8	4	4 7/8	3/8	8	4 7/8	3/8	6
4	7 1/2	5/8	8	5 7/8	3/8	8	7	1/2	6

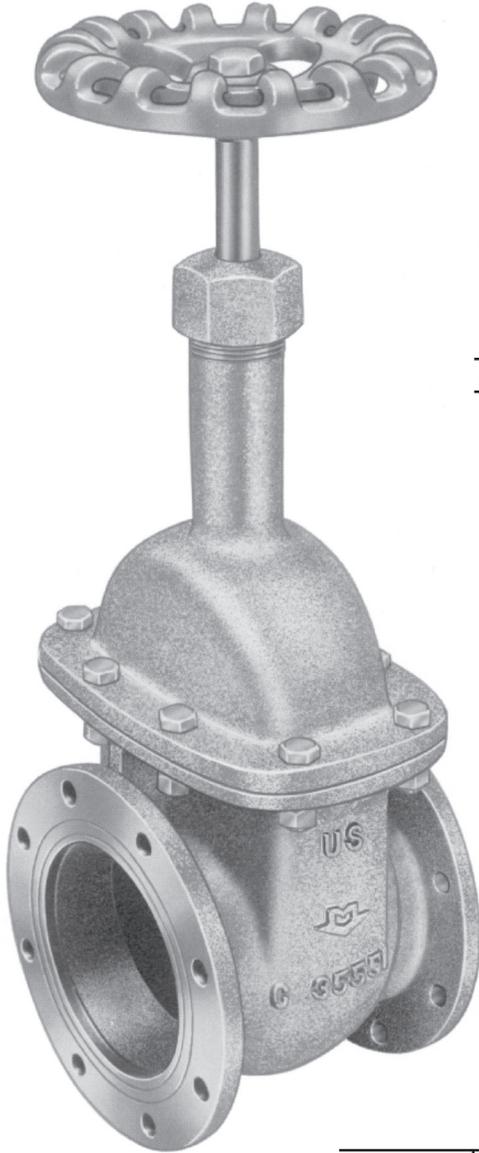
The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# GATE C-35551/5551

## ALUMINUM

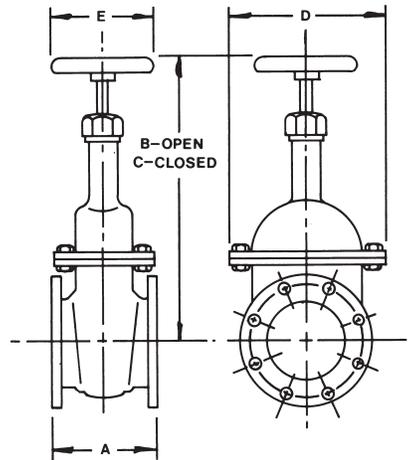
Tank Trucks • Bulk Plants • Filling Stations  
 Rising Stem • Double Disc • Bolted Bonnet  
 Round Flange Ends



These rugged aluminum with bronze trim gate valves are built for long life with positive closure. Internal parts are quickly and easily replaced.

### MILITARY SPECIFICATION

C-35551/5551	Conforms to MIL-V-58039 Type I
--------------	--------------------------------



### DIMENSIONS-INCHES

SIZE	A	B	C	D	E
3	5	12 7/8	11 3/8	5 15/16	5
4	5 3/8	15 5/8	14 1/2	7 5/8	5
6	6 1/4	19 3/8	17 1/2	9 7/8	6

### FLANGE SPECIFICATIONS-INCHES

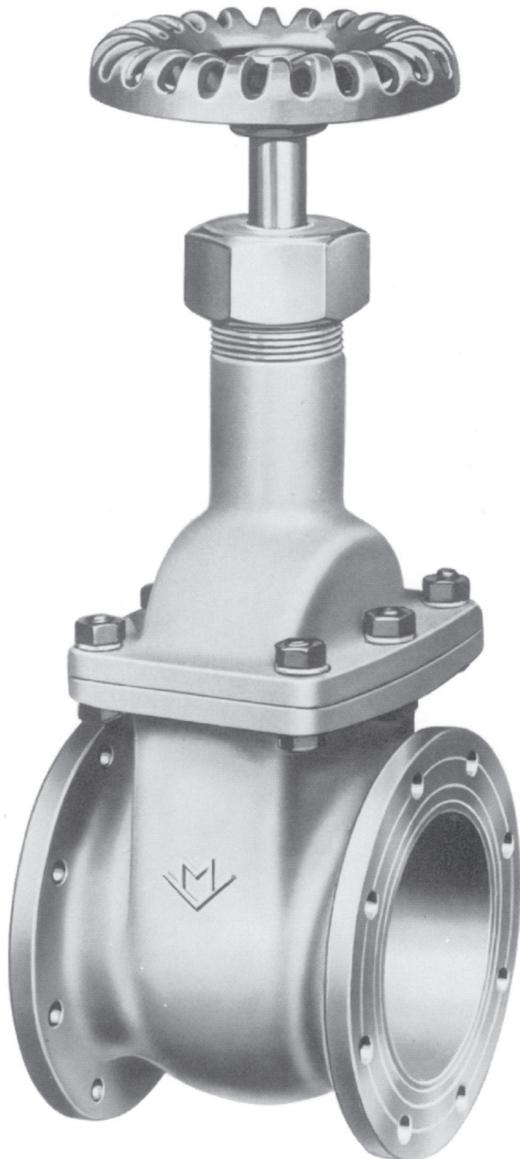
SIZE	O.D.	Thickness	B.C. Dia.	Bolt Dia.	No. Bolts
3	5 5/8	3/8	4 7/8	7/16	8
4	6 3/4	3/8	5 7/8	7/16	8
6	9	3/8	8 1/8	7/16	12

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

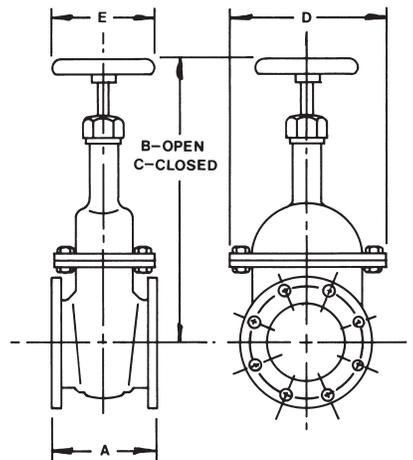


# GATE P-2699RF ALUMINUM

Transport Tank • Bulk Plants • Filling Stations  
Rising Stem • Split Wedge Disc • Bolted Bonnet  
Round Flange Ends



This rugged, lightweight aluminum gate will give you positive closure and long life. Bolted Bonnet, makes inspection, cleaning, repairs or replacement simple and quick. (Formerly C35495).



### DIMENSIONS-INCHES

SIZE	A	B	C	D	E
4	5 3/8	15 5/8	14 1/2	7 5/8	5

### FLANGE SPECIFICATIONS-INCHES

SIZE	O.D.	Thickness	B.C. Dia.	Bolt Dia.	No. Bolts
4	6 3/4	3/8	5 7/8	7/16	8

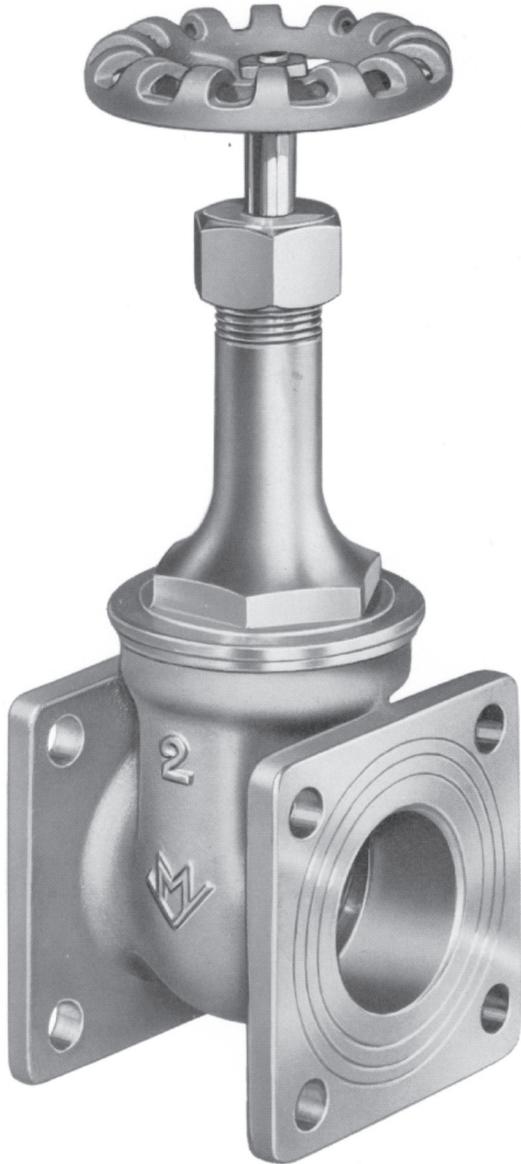
The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



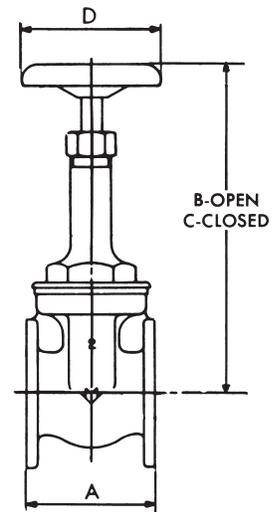
# GATE P-2671

## BRONZE

Tank Trucks • Bulk Plants • Filling Stations  
Rising Stem • Double Disc • Threaded Bonnet  
Flange Ends



Rugged all bronze construction for long life and positive closure. Internal parts easily replaced.



### DIMENSIONS-INCHES

SIZE	A	B	C	D
2	3 7/8	11 3/4	9 5/8	4

### FLANGE SPECIFICATIONS-INCHES

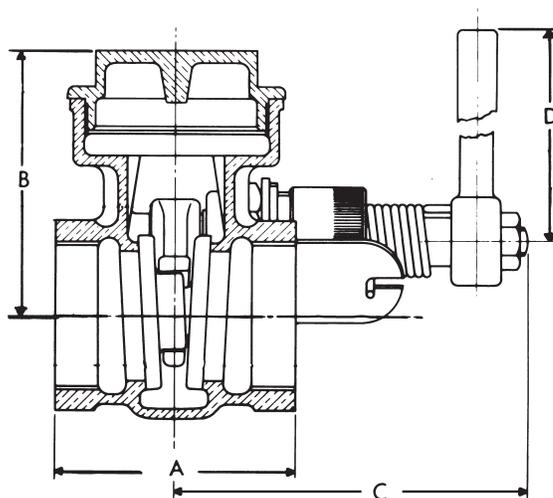
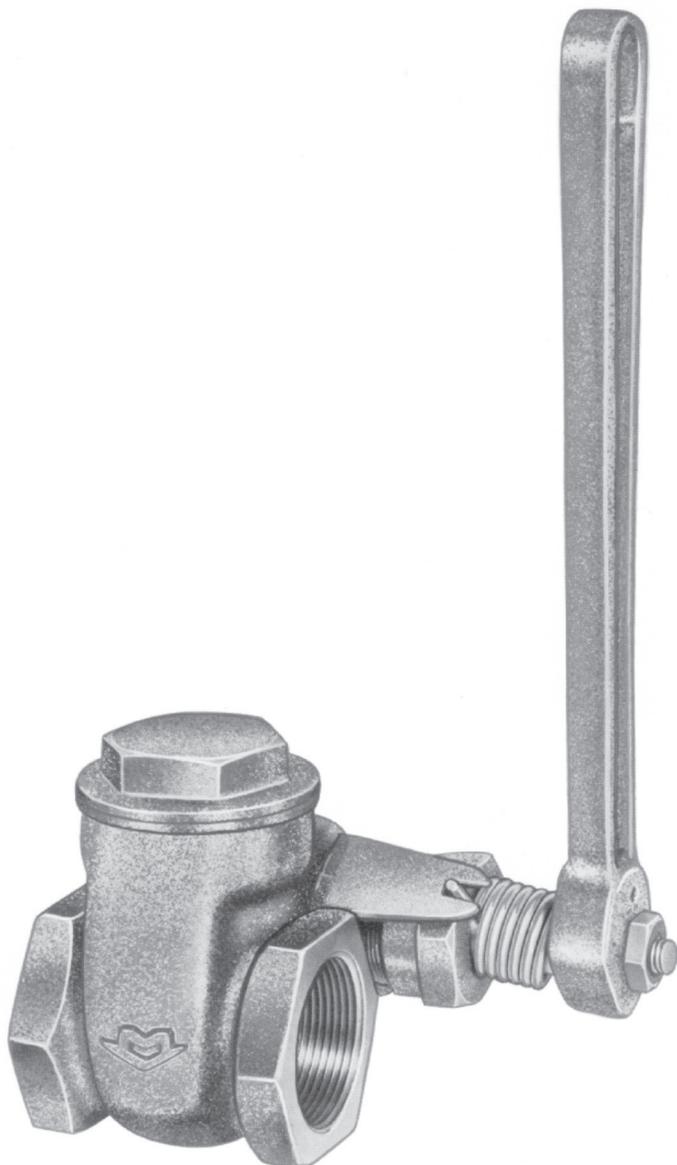
SIZE	FLANGE	THICKNESS	B.C. Dia.	B.H. DIA.
2	4 1/4 Sq.	3/8	4 1/2	9/16

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



**GATE P-900**  
**BRONZE - QUICK OPENING**  
 Hazardous Liquid • 150 lb. WOG †  
 Lever Operated • Double Disc • Gland Packed

These lever operated, quick opening, gate valves have uniform strength and long operating life assured by the use of high grade bronze. The double discs, make ball and socket joints, are specially ground to insure positive close and perfect seating. The heavy duty spring on the lever assists in closing the valve when handle is released. The lever handle is malleable iron.



**DIMENSIONS-INCHES**

SIZE	A	B	C	D
1	2 1/2	2 3/8	3 1/4	7
1 1/4	2 7/8	2 7/8	4 3/8	8 1/4
1 1/2	3 3/16	3 1/4	4 11/16	10 1/2
2	3 3/4	4 1/8	5 7/16	10 1/2
2 1/2	4 1/4	4 1/2	5 9/16	11 1/2
3	4 3/4	5 5/8	5 5/8	11 1/2

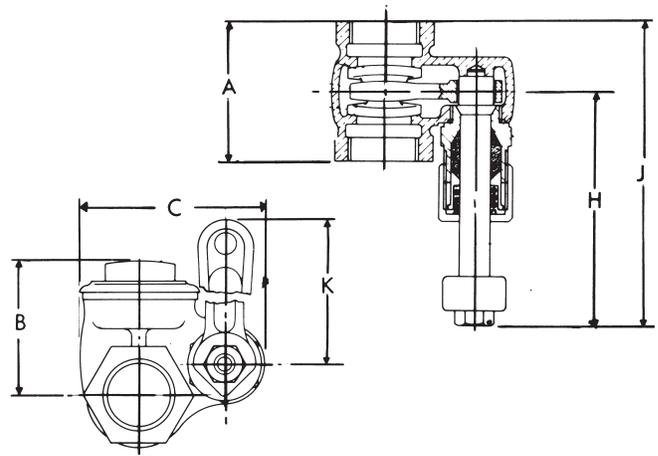
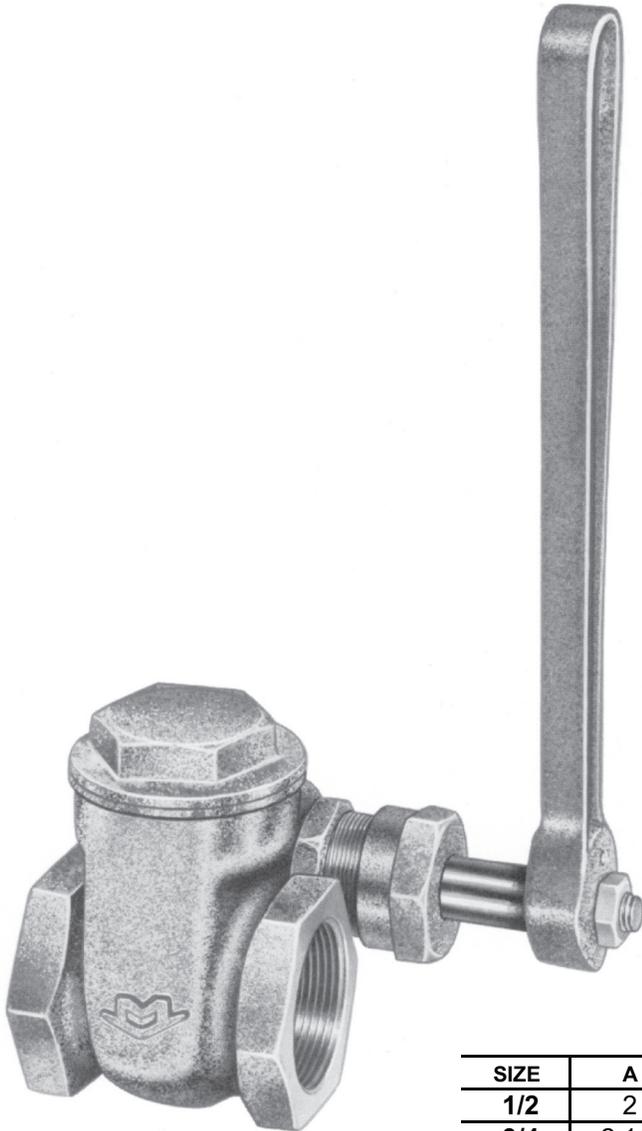
† Non-Shock

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



**GATE P-901**  
**BRONZE - QUICK OPENING**  
 Double Disc • Gland Packed • 150 lb. SWP  
 300 lb. WOG† • Lever Operated

These lever operated, quick opening valves have uniform strength and long operating life assured by the use of high grade bronze. The double discs, made with ball and socket joints, are specifically ground to insure positive close and perfect seating. Lever is malleable iron. 4" size has O-ring stem and a bolted flanged cap (not shown).



DIMENSIONS-INCHES

SIZE	A	B	C	H	J	K
1/2	2	1 3/4	2 3/8	2 13/16	3 13/16	4 3/4
3/4	2 1/4	2 3/16	3 1/4	3 1/2	4 3/4	4 3/4
1	2 1/2	2 3/8	3 1/4	4 1/4	5 1/2	7
1 1/4	2 7/8	2 7/8	3 11/16	3 11/16	5 1/8	8 1/4
1 1/2	3 3/16	3 1/4	4 3/16	4 11/16	6 5/16	10 1/2
2	3 3/4	4 1/8	5 5/16	5 7/16	7 5/16	10 1/2
2 1/2	4 1/4	4 1/2	5 7/8	5 9/16	7 11/16	11 1/2
3	4 3/4	5 5/8	7	5 5/8	8	11 1/2
4	5 3/4	7 7/8	8 3/4	5 5/8	8 1/2	14

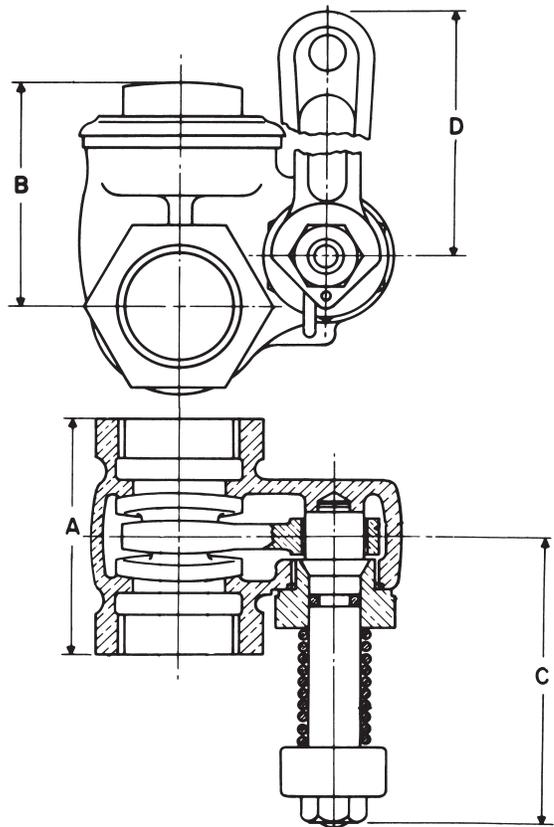
† Non-Shock

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



**GATE P-902**  
**BRONZE - QUICK OPENING**  
 Tank Trucks • Bulk Plants • 150 lb. WOG †  
 Lever operated • Double Disc  
 O-Ring Stem Packed

These lever operated, quick opening gate valves have uniform strength and long operating life assured by the use of high grade bronze. The double discs, made with ball and socket joints, are specifically ground to insure positive close and perfect seating. The heavy duty spring on the lever assists in closing the valve when handle is released. The lever handle is malleable iron.



DIMENSIONS-INCHES

SIZE	A	B	C	D
3/4	2 1/4	2 3/16	2 1/2	4 3/4
1 1/4	2 7/8	2 7/8	3 1/8	8 1/4

† Non-Shock

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



**CHECK P-509, P-509T**  
**BRONZE - HORIZONTAL SWING**  
 Tank • Dry Bulk Trucks • Bronze Disc  
 Threaded Cap • Threaded Ends



**P-509**

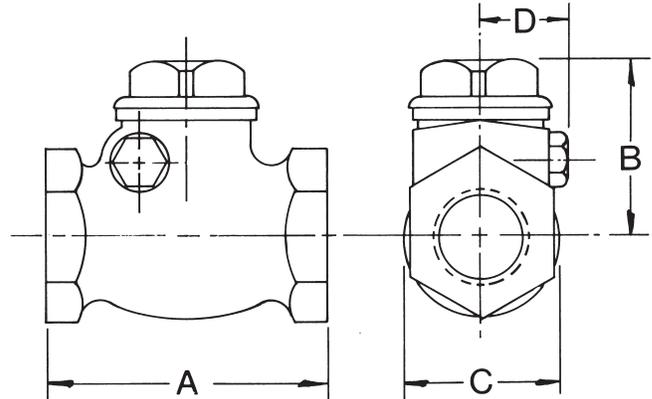
A rugged multi-purpose swing check for general tank truck and loading rack installations. All the advantages of the full flow afforded by swing check design.

**P-509T**

Same as P-509 except with Teflon Disc (sizes 1/4" to 2").

**C-35326**

Same as P-509 except with Stainless Steel hinge pin and side plugs.



DIMENSIONS-INCHES

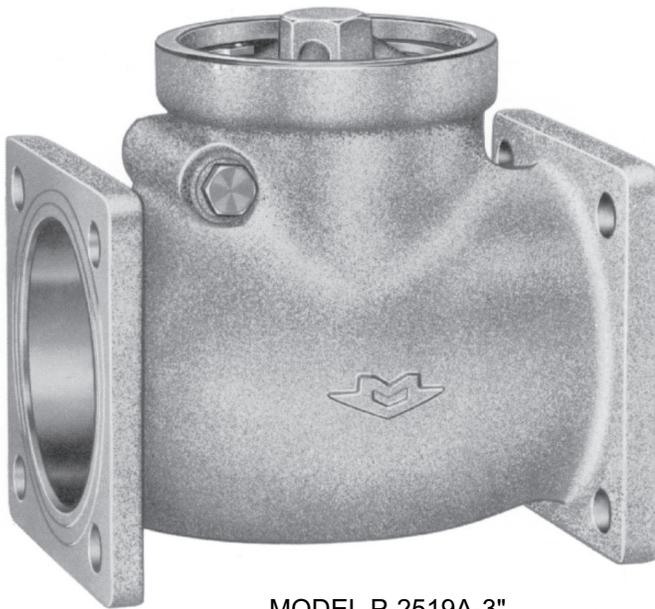
SIZE	A	B	C	D
1/4	2 1/8	1 1/2	15/16	21/32
3/8	2 1/8	1 1/2	1	21/32
1/2	2 5/16	1 1/2	1 3/16	21/32
3/4	2 5/8	1 11/16	1 1/2	13/16
1	3 1/4	2	1 7/8	31/32
1 1/4	3 9/16	2 1/8	2 1/16	1 1/8
1 1/2	4	2 3/8	2 3/8	1 1/4
2	4 3/4	2 3/4	3	1 5/16
2 1/2	6 1/4	3 11/16	4	1 11/16
3	6 7/8	4 1/4	4 11/16	1 11/16

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

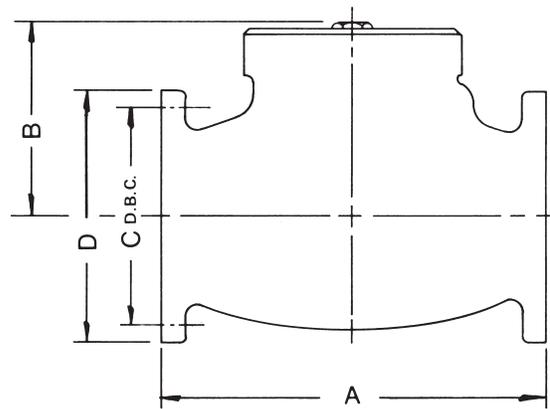


**SWING CHECK P-2519A**  
**ALUMMINUM**  
 Dry Bulk Transports • Tank Truck  
 Aluminum Disc With Viton® Seat  
 150 WOG †

A rugged multi-purpose swing check for general tank and loading rack installations. All the advantages of full flow afforded by swing check design, near silent operation, leak resistance and quick cap removal; stainless steel pin and plugs.



MODEL P-2519A-3"



**DIMENSIONS-INCHES**

SIZE	A	B	C	D	E	F
3	6 7/8	4 1/16	5	4 3/4	4	9/16

**DIMENSION DESCRIPTION**

<b>C</b>	Diameter Bolt Circle
<b>D</b>	For 3" Square Flange
<b>E</b>	Number of Bolt Holes
<b>F</b>	Size of Bolt Holes

† Non-Shock

NOTE: P-2519-4" Also Available - Consult Factory.

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# ANGLE LIFT CHECK P-717F

## ALUMINUM

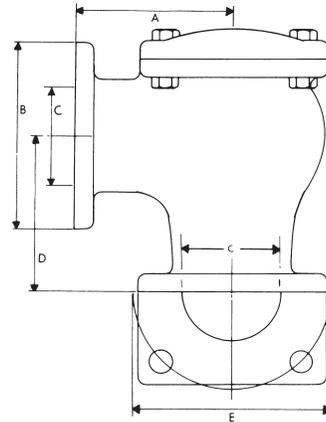
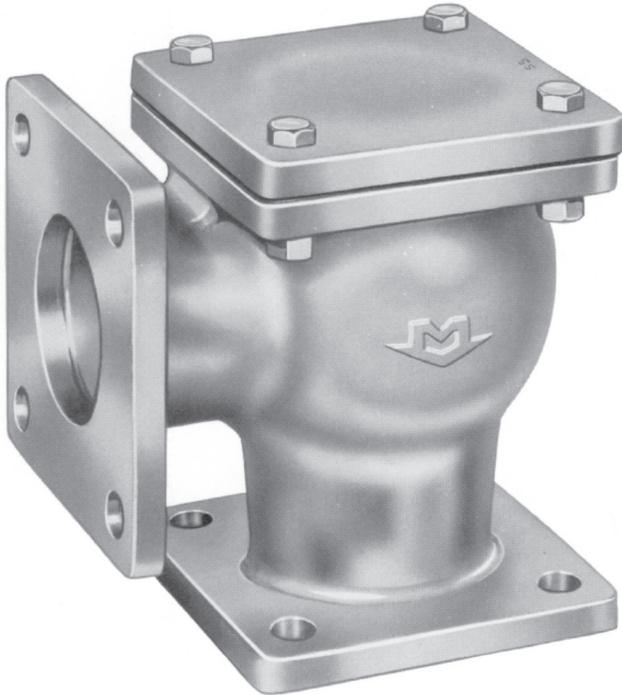
125 psi WOG at 100°F • 25 psi WOG at 350°F  
Square Bolted Cap • Square Flange

Lightweight, positive closing, Viton-A\* renewable disc.  
Stainless steel poppet stem and disc retainers. Guided  
top and bottom in friction free bearings.

**NOTE:** This valve was formerly identified by drawing  
number C-35417-F.

**Valve must be mounted in upright position.**

For 2" Threaded Bronze Angle Check see P-717S.



### DIMENSIONS-INCHES

Size	A	B	C	D	E
2 1/2	4	4 3/4	2 1/2	4	5

### CAP FLANGE SPECIFICATIONS-INCHES

Size	FLANGE	BOLT DIA.	NO. BOLTS
2	4 3/4 Sq.	3/8	4

\*Registered E.I. DuPont Trademark

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# ANGLE CHECK P-717S

## BRONZE

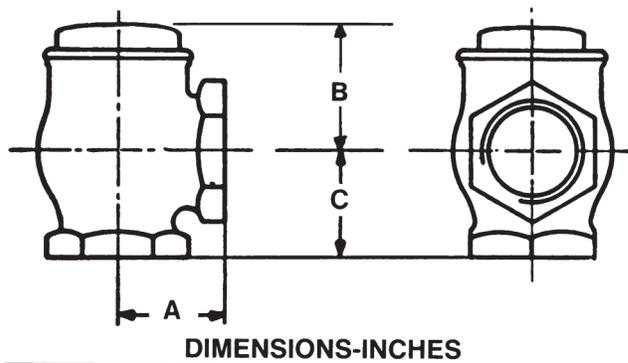
125 psi WOG at 100°F • 25 psi WOG AT 350°F

Threaded Cap • Threaded Ends

Light weight, positive closing. Viton-A\* renewable disc. Guided in friction free bearing. This valve was formerly identified by drawing number C-35417-S.

**Valve must be mounted in upright position.**

For 2 1/2" Flanged Aluminum Check, P-717F



### DIMENSIONS-INCHES

SIZE	A	B	C
2	2 9/16	2 7/16	2 9/16

\*Registered E.I. DuPont Trademark

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# LIFT CHECK P-728

## ALUMINUM

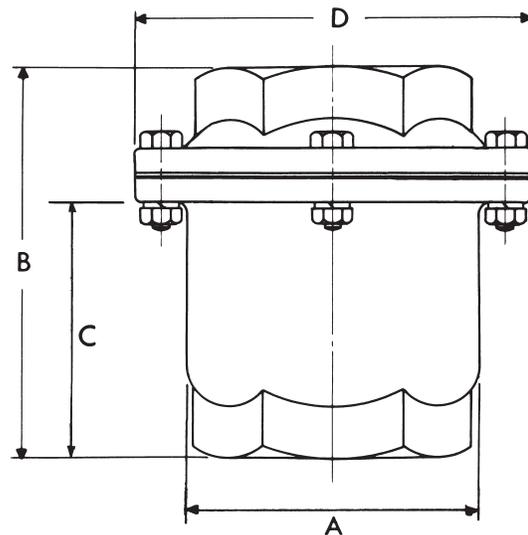
Dry Bulk Transports • Tank Trucks • 125 psi WOG †@ 100°F

25 psi @ 350°F • Spring Loaded

Composition Disc

Threaded Ends

Vibration-proof disc construction, Viton-A\* renewable disc assures tight close at high temperature operation. Stainless poppet stem and disc retainer, guided top and bottom in friction free bushings.



**DIMENSIONS-INCHES**

SIZE	A	B	C	D
3	5	6 3/4	4 9/16	6 3/4

†Non-Shock

\*Registered E.I. DuPont Trademark

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# LIFT CHECK P-729

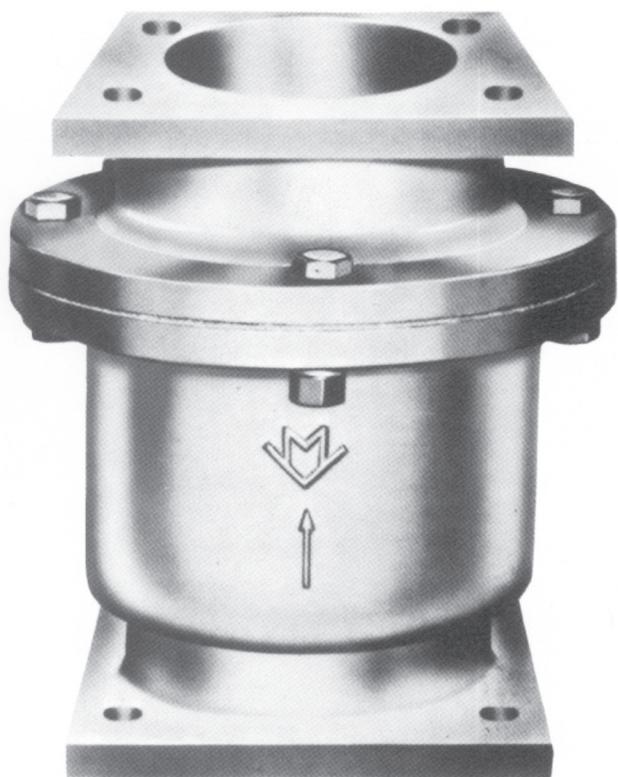
## ALUMINUM

Dry Bulk Transports • Tank Trucks • 125 psi WOG †@ 100°F  
25 psi @ 350°F • Spring Loaded

Composition Disc

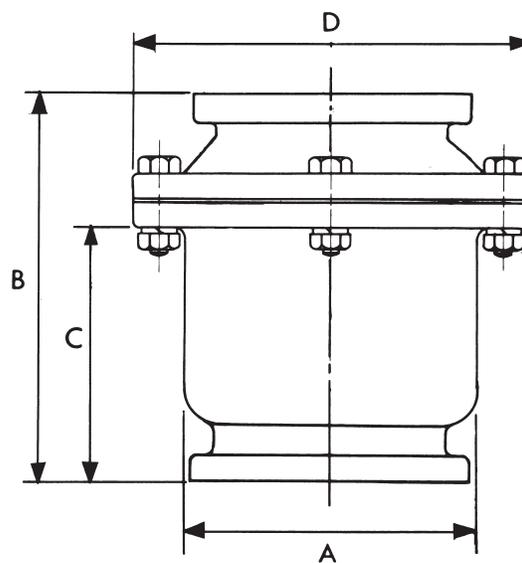
Flanged Ends

Vibration-proof disc construction, Viton-A\* renewable disc assures tight close at high temperature operation. Stainless poppet stem and disc retainer, guided top and bottom in friction-free bushings. Similar Lift Check with Quick Coupler Outlet is also available. For Threaded Version see P-728.



### P-728

Threaded version.



#### DIMENSIONS-INCHES

SIZE	A	B	C	D
3	5	6 7/8	4 3/4	6 3/4

#### FLANGE SPECIFICATIONS-INCHES

SIZE	FLANGE	B.C. DIA.	B.H. DIA.
3	4 3/4 Sq.	5	9/16

†Non-Shock

\*Registered E.I. DuPont Trademark

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# RELIEF VALVE P-612A

## ALUMINUM

Bulk Tank Trucks • Pneumatic Conveyor Systems  
Railroad Dry Bulk Tanks  
NPT Threaded Inlet



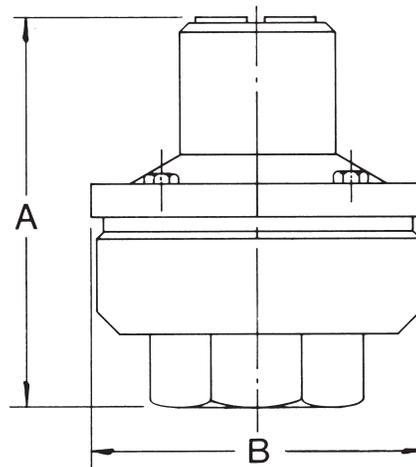
### NEW IMPROVED DESIGN

The new seat design offers increased capacity and improved blowdown (reseating).

### TAMPERPROOF.

Tank trailer drives cannot alter the pressure setting in the field to speed up delivery. A wire seal assures the pressure setting. Aluminum body plus stainless steel seating provide both lightweight construction and corrosion resistance. Inlet is 2" FNPT.

Temperature Range (-20°F to 400°F). This valve has a VITON diaphragm and stainless steel disc.



### DIMENSIONS-INCHES

SIZE	A	B
2	5 1/2	4 5/8

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.milwaukeevalve.com](http://www.milwaukeevalve.com).  
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

