

Polypropylene Bolted Ball Valves



PART NO	DESCRIPTION
4 BOLT VALVES	
V050	1/2" Full Port Valve
V075	3/4" Full Port Valve
V100	1" Standard Port Valve
V100FP	1" Full Port Valve
V125	1-1/4" Standard Port Valve
V125FP	1-1/4" Full Port Valve
V150	1-1/2" Full Port Valve
V200	2" Standard Port Valve

Features:

- FKM (viton type) seals.
- Precision molded polypropylene is reinforced with fiberglass for additional strength.
- Self-aligning ball moves freely against the PTFE seats for smooth operation. The valve opens and closes with very little pressure on the handle.
- Ball is diamond turned, after molding, to make it spherically perfect, which provides precise contact between ball and seats.
- PTFE self-lubricating stem bushings and seats cannot stick or bind.
- Stainless steel bolts.



Mounting Brackets



Features for Locking Device:

- 304 Stainless steel construction.
- Installs under valve handle.
- Comes complete with handle and locking device.
- Padlock not included*



PART NO	DESCRIPTION	VALVE USED
MOUNTING BRACKETS		
V10270	Straight Mounting Bracket	V100FP & V125
V10271	90° Mounting Bracket	V100FP & V125
V25270	Straight Mounting Bracket	V150 & V200
V25271	90° Mounting Bracket	V150 & V200

PART NO	DESCRIPTION	VALVE USED
LOCKING DEVICE		
VL20153	Locking Device	V125FP, V150 & V200

Features for Handle Risers:

- Allows extra clearance between handle and body for tight spaces.



PART NO	DESCRIPTION
HANDLE RISERS	
V10153138BL	1" x 1-3/8" Handle Offset
V10153138	1" x 1-3/8" Handle Offset
V20153138BL	2" x 1-3/8" Handle Offset
V20153138	2" x 1-3/8" Handle Offset
V25153138BL	2" FP x 1-3/8" Handle Offset
V25153138	2" FP x 1-3/8" Handle Offset

Polypropylene Bolted Ball Valves



Features:

- FKM (viton type) seals.
- PTFE self-lubricating stem bushings and seats cannot stick or bind.
- Precision molded in polypropylene.
- Polypropylene is reinforced with fiberglass for additional strength.
- Self-aligning ball moves freely against the PTFE seats for smooth operation.
- Valve opens and closes with very little pressure on the handle.
- Ball is diamond turned, after molding, to make it spherically perfect, which provides precise contact between ball and seats.
- Stainless steel bolts.



Features for Locking Handle:

- Stainless steel hardware.
- Locks in open and closed positions.
- Locking handle replaces standard handle.**
- Padlock not included.*

**Sold separately.

PART NO	DESCRIPTION
6 BOLT VALVES	
V200FP	2" Full Port Valve
V300	3" Standard Port Valve
V300FP	3" Full Port Valve
V400	4" Standard Port Valve
VFMT200 FP	2" Full Port Valve w/F Adapter

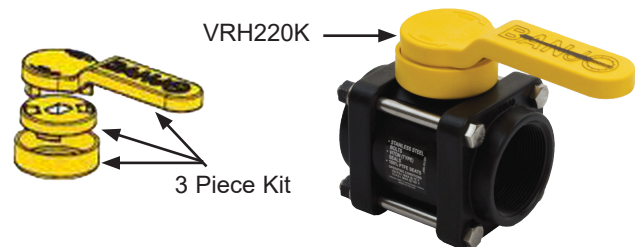
VALVES



VALVE USED: V200FP, V300, V300FP, V400
VFMT200FP & VFMT200FPSH

Features for Removable Handle Kit:

- Removable handle deters opening the valve for safety, vandalism and theft.



VALVE USED: V200FP, V300 & V300FP

PART NO	DESCRIPTION
LOCKING HANDLE	
VL25153*	2"- 4" Locking Handle
VL20153*	1-1/4" - 2" Locking Handle

PART NO	DESCRIPTION
REMOVABLE HANDLE KIT	
VRH220K	Removable Handle Kit

VFMT200FP
(shown w/ long handle)



PART NO	DESCRIPTION
6 BOLT VALVES W/ "F" ADAPTER	
VFMT200FP	2" Full Port Valve w/ "F" Adapter
VFMT200FPSH	2" Full Port Valve w/ "F" Adapter

2" Full Port Polypropylene Bolted Ball Valves



Features:

- FKM (viton type) seals.
- PTFE self-lubricating stem bushings and seats cannot stick or bind.
- Precision molded in polypropylene. Polypropylene is reinforced with fiberglass for additional strength.
- Self-aligning ball moves freely against the PTFE seats for smooth operation. The valve opens and closes with very little pressure on the handle.
- Ball is diamond turned, after molding, to make it spherically perfect, which provides precise contact between ball and seats.
- Maximum operating pressure 150 P.S.I. @ 70°F. 75 P.S.I. @ 150°F.

PART NO	DESCRIPTION
4 BOLT FULL PORT VALVES	
VFMT204FP	2" Valve - Male NPT X Male Adapter



2" Full Port ANSI Flange Bolted Ball Valves

Features:

- 100% PTFE seats.
- FKM (viton type) seals.
- Glass-filled polypropylene.
- Unique compact design.
- Lightweight.
- Maximum operating pressure 100 P.S.I. @ 70°F & 75 P.S.I. @ 150°F.

PART NO	DESCRIPTION
FULL PORT ANSI FLANGE VALVES	
VSF200FPAF	2" Full Port Valve Male Adapter x 2" ANSI Flange



2" Full Port 316 Stainless Steel Stubby Valves

Features:

- 100% PTFE ball seats.
- All TFE seals. No elastomers.
- 1000 P.S.I. maximum

PART NO	DESCRIPTION
FULL PORT SS STUBBY VALVE	
VSFMT220SS	2" FP Male Adapter x 2" NPT SS Stubby Valve



2" Ball Valves "Stubby Valve"™



Standard Port

Features:

- Stainless steel bolts.
- Glass filled polypropylene.
- Multiple design options.
- Unique patented compact design.
- Lightweight.
- Maximum operating pressure
100 P.S.I. @ 70°F. 75 P.S.I. @ 150°F.
- All PTFE Seats.



VSF200



VSMT200



VSFMT200



VSFHB200

Full Port

Features:

- Stainless steel bolts.
- 100% PTFE seats.
- Glass-filled polypropylene.
- FKM (viton type) body seals.
- Unique compact design.
- Lightweight.
- 100 P.S.I. @ 70°F and 75 P.S.I. @ 150°F.



VSMT204FP



VSF204FP



VS204FP



VSFMT204FP



VSFMT204HSFP

PART NO	DESCRIPTION
2" STANDARD PORT STUBBY VALVES	
VSF200	2" Male Adapter X 2" Female NPT
VSMT200	2" Male NPT X 2" Female NPT
VSFMT200	2" Male Adapter X 2" Male NPT
VSFHB200	2" Male Adapter X 2" Hose Barb

PART NO	DESCRIPTION
2" FULL PORT STUBBY VALVES	
VSMT204FP	2" Male NPT x 2" Female NPT
VSF204FP	2" Male Adapter x 2" Female NPT
VS204FP	2" Female NPT x 2" Female NPT
VSFMT204FP	2" Male Adapter x 2" Male NPT
VSFMT204HSFP	2" FP Male Adapter x 2" Male NPT w/ SS Ball, Stem & Handle

3" Ball Valves "Stubby Valve"™



Standard Port

Features:

- Stainless steel bolts.
- Glass filled polypropylene.
- FKM (viton type) body seals.
- Three design options
- Unique patented compact design.
- 100 P.S.I. @ 70°F and 75 P.S.I.@ 150°F.
- Lightweight.
- All PTFE ball seats.



VSMT300



VSF300



VSFMT300

Full Port

Features:

- Stainless steel bolts.
- Glass filled polypropylene.
- FKM (viton type) body seals.
- Unique patented compact design.
- 100 P.S.I. @ 70°F and 75 P.S.I.@ 150°F.
- Lightweight.
- All PTFE ball seats.



VSFMT300FP



VSFMT300HSFP

PART NO	DESCRIPTION
3" STANDARD PORT BALL VALVES	
VSMT300	3" Female NPT X 3" Male NPT
VSF300	3" Female NPT X 3" Male Adapter
VSFMT300	3" Male NPT X 3" Male Adapter

PART NO	DESCRIPTION
3" FULL PORT BALL VALVES	
VSFMT300FP	3" FP Male Adapter x 3" Male NPT
VSFMT300HSFP	3" FP Male Adapter x 3" Male NPT w/SS ball, Stem & Handle

3-Way Polypropylene Ball Valves



Features:

- Stainless Steel Bolts.
- Precision molded in polypropylene and reinforced with fiberglass for additional strength.
- Self-aligning ball moves freely against the PTFE seats for smooth operation.
- Ball is diamond turned, after molding, to make it spherically perfect, which provides precise contact between ball and seats.
- FKM (viton type) seats.
- PTFE self-lubricating stem bushings and seats.
- Maximum operating pressure 100 P.S.I.



PART NO	DESCRIPTION
3-WAY BOTTOM LOAD VALVES	
V075BL	3/4" 3-Way Bottom Load Poly Valve
V100BL	1" 3-Way Bottom Load Poly Valve
V125BL	1-1/4" 3-Way Bottom Load Poly Valve
V150BL	1-1/2" 3-Way Bottom Load Poly Valve
V200BL	2" 3-Way Bottom Load Poly Valve

Bottom load

Directional flow, right or left.
Valve can be turned off to stop flow.



PART NO	DESCRIPTION
3-WAY SIDE LOAD VALVES	
V075SL	3/4" 3-Way Side Load Poly Valve
V100SL	1" 3-Way Side Load Poly Valve
V125SL	1-1/4" 3-Way Side Load Poly Valve
V150SL	1-1/2" 3-Way Side Load Poly Valve
V200SL	2" 3-Way Side Load Poly Valve

Side load

Directional flow, right or left.
Valve cannot be turned off.

Polypropylene Nozzle Valves



Features:

- Lightweight hose end valve for convenient transfer of liquids into drums, tanks, etc.
- Angled end flange with 8" long polypropylene fill spout.
- All stainless bolts.

PART NO	DESCRIPTION
1-1/2" & 2" POLY NOZZLE VALVES W/90° ELBOW	
VA150	1-1/2" Nozzle Valve w/90° Elbow
VA200/150	2" x 1-1/2" Nozzle Valve w/90° Elbow
VA200	2" Nozzle Valve w/90° Elbow
VA200FP	2" FP Nozzle Valve w/90° Elbow



Features:

- Lightweight hose end valve for convenient transfer of liquids into drums, tanks, etc.
- Angled end flange with 8" long polypropylene fill spout.
- All stainless bolts.

PART NO	DESCRIPTION
1" POLY NOZZLE VALVES W/45° ELBOW	
VA100	1" Nozzle Valve w/45° Elbow
UVA100FP	1" FP EPDM Nozzle Valve w/45° Elbow



Polypropylene Dispensing Nozzle

Features:

- Glass filled polypropylene.
- 304 stainless steel handle, spring and pin.
- FKM (viton type) rubber parts only.
- Resists corrosion.
- 75 P. S.I. Maximum.

PART NO	DESCRIPTION
1" POLY DISPENSING NOZZLE	
VN100	1" Poly Dispensing Nozzle

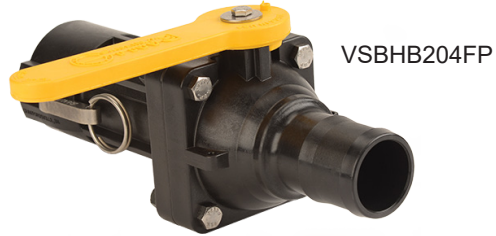


Easy-Fill™ Valves



Features:

- Eliminates multiple fittings for fill applications
- Available in 2" and 3" sizes
- Full flow (full port) design
- Stubby valve configuration reduces profile
- Extended coupler prevents handle interference



PART NO	DESCRIPTION
EASY-FILL™ VALVES	
VSBHB204FP	2" Full Port Easy-Fill Valve
VSBHB205FP	2" Full Port Easy-Fill Valve W/Carry Handle
VSBHB304FP	3" Full Port Easy-Fill Valve
VSBHB305FP	3" Full Port Easy-Fill Valve W/Carry Handle
H25053	2" & 3" Carry Handle

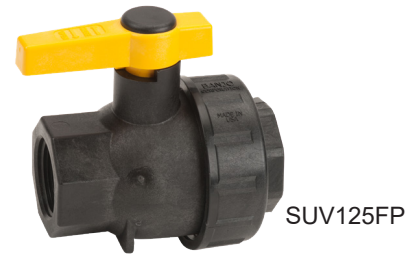


SINGLE UNION SPINWELD VALVES

Features:

- Precision molded in glass reinforced polypropylene
- PTFE seats
- EPDM O-rings
- Double O-rings in stem area
- Interlocking body and end plate

PART NO	DESCRIPTION
1/2" – 2" SINGLE UNION SPINWELD VALVES	
SUV050FP	1/2" Full Port Single Union Spinweld Valve
SUV075FP	3/4" Full Port Single Union Spinweld Valve
SUV100FP	1" Full Port Single Union Spinweld Valve
SUV125FP	1 1/4" Full Port Single Union Spinweld Valve
SUV150FP	1 1/2" Full Port Single Union Spinweld Valve
SUV200FP	2" Full Port Single Union Spinweld Valve
MSUV100FP	1" Manifold Full Port Single Union Spinweld Valve



Single Union Polypropylene Ball Valves



Features:

- Precision molded in glass reinforced polypropylene, for strength and chemical resistance.
- PTFE seats for smooth operation and proper sealing.
- EPDM O-rings to handle most fertilizers and many chemicals.
- Double O-rings in stem area for extra sealing protection.
- Maximum operating pressure 100 P. S.I. at 70°F.

PART NO	DESCRIPTION
SINGLE UNION POLY VALVES	
UV050FP	1/2" Full Port Union Valve
UV075FP	3/4" Full Port Union Valve
UV100FP	1" Full Port Union Valve
UV125FP	1-1/4" Full Port Union Valve
UV150FP	1-1/2" Full Port Union Valve
UV200FP	2" Full Port Union Valve



UV075FP

Spinweld Polypropylene Ball Valve

Features:

- Precision molded in durable polypropylene, for strength and chemical resistance.
- PTFE seats for smooth operation and proper sealing
- Maximum operating pressure 150 P. S.I. at 70°F.

PART NO	DESCRIPTION
SPINWELD POLY VALVES	
WSFMT200	2" Male Adapter x 2" Male NPT Standard Port
WSFMT200FP	2" Male Adapter x 2" Male NPT Full Port



WSFMT200

Poly Air Actuated Shutoff Valves

Features:

- Open position allows full, flow, 50-60 GPM.
- Air pressure collapses the internal rubber sleeve to provide positive shut off.
- Female NPT Threads.
- Max air pressure 100 PSI



PV100

PART NO	DESCRIPTION	GASKET
POLY PINCH VALVES		
PV075	3/4" x 3/4" Poly Pinch Valve	EPDM
PV075V	3/4" Poly Pinch Valve	FKM (viton type)
PV100	1" x 1" Poly Pinch Valve	EPDM
PV100-075	1" x 3/4" Poly Pinch Valve	EPDM
PV100-075V	1" x 3/4" Poly Pinch Valve	FKM (viton type)
PV100-075B	1" x 3/4" Poly Pinch Valve Female Coupler	EPDM
PV100-075BV	1" x 3/4" Female Coupler Poly Pinch Valve	FKM (viton type)

Polypropylene Check Valves



PART NO	DESCRIPTION
MINI CHECK VALVE	
CV100MT	1" Male x Female NPT



Features:

- 150 P.S.I. maximum.
- 1-2 P.S.I. spring.
- Glass reinforced polypropylene
- 316 stainless steel springs.
- EPDM gasket.

PART NO	DESCRIPTION
CHECK VALVE	
CV300	3" Full Port Check Valve



Ball Cone® Check Valves



Features:

Unique ball cone design provides tight shutoff in reverse flow conditions. The body of the valve is investment cast stainless steel for longer life in severe environments. It is spring-loaded for fast seating action and center guided so that radial alignment is never needed. Opening pressure 1/2 psig.



62-100 Series

PART NO	DESCRIPTION
62 SERIES (MODEL CVS)	
62-101-01	1/4" SS Check Valve
62-102-01	3/8" SS Check Valve
62-103-01	1/2" SS Check Valve
62-104-01	3/4" SS Check Valve
62-105-01	1" SS Check Valve

PVC Spring Check Valves

PART NO	SIZE	SPRING
PVC SPRING CHECK VALVES		
1001-05	1/2"	1/2 lb
1001-07	3/4"	1/2 lb
1002-07	3/4"	2 lb
1002-10	1"	2 lb
1002-12	1-1/4"	2 lb
1002-15	1-1/2"	2 lb
1002-20	2"	2 lb
1002-30	3"	2 lb

Features:

- PVC
- Ball cone check valve
- 1/2 lb. or 2 lb. spring available
- Threaded



1001-05

Control Blocks



PART NO	SIZE
CONTROL BLOCKS	
6234	3/4"
7910	1"
6712	1-1/4"



6234

Features:

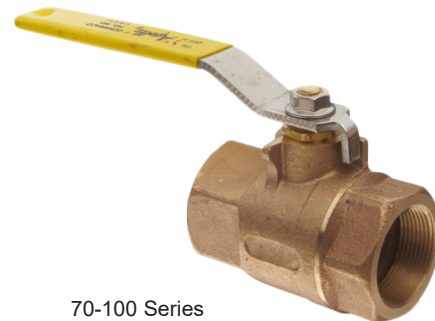
- Designed to act as both a shut-off and bypass valve
- Retains preset pressure setting
- Cast iron construction
- Stainless steel internal parts with a teflon seat

General Purpose Ball Valves

Standard Port Threaded Ball Valve

The Apollo® 70 Series is the most widely used general purpose bronze ball valve on the market today. The 70-100 model is a 2-piece standard port ball valve featuring female NPT connections.

PART NO	DESCRIPTION
GENERAL PURPOSE BALL VALVES	
70-101-01	1/4" Apollo Valve, Bronze
70-102-01	3/8" Apollo Valve, Bronze
70-103-01	1/2" Apollo Valve, Bronze
70-104-01	3/4" Apollo Valve, Bronze
70-105-01	1" Apollo Valve, Bronze
70-106-01	1-1/4" Apollo Valve, Bronze
70-107-01	1-1/2" Apollo Valve, Bronze
70-108-01	2" Apollo Valve, Bronze



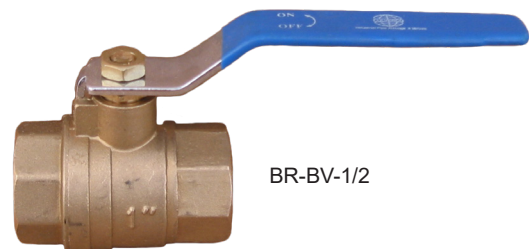
70-100 Series

Economy Imported Brass Ball Valve

PART NO	SIZE
BRASS BALL VALVES	
BR-BV-1/4	1/4"
BR-BV-3/8	3/8"
BR-BV-1/2	1/2"
BR-BV-3/4	3/4"
BR-BV-1	1"
BR-BV-1-1/4	1-1/4"
BR-BV-1-1/2	1-1/2"
BR-BV-2	2"
BR-BV-3	3"

Features:

- Class 600 imported
- Brass
- Threaded



BR-BV-1/2

Locking Bronze Ball Valves



PART NO	DESCRIPTION
PADLOCKING BALL VALVES	
75-101-01	1/4" Bronze Valve W/Padlock
75-102-01	3/8" Bronze Valve W/Padlock
75-103-01	1/2" Bronze Valve W/Padlock
75-104-01	3/4" Bronze Valve W/Padlock
75-105-01	1" Bronze Valve W/Padlock
75-106-01	1-1/4" Bronze Valve W/Padlock
75-107-01	1-1/2" Bronze Valve W/Padlock

Padlocking Ball Valve w/Auto Drain

Provides for easy, safe maintenance of pneumatic tools. Valve can be padlocked OPEN or CLOSED with same hardware.



75-100 Series

316 Stainless Steel 2-Piece Ball Valves



Features:

- All valves 100% tested by air, underwater at 100 P. S.I. in open and closed positions.
- Latch locking handle performs in both open and closed positions.
- PTFE seals and seats.
- All full port design.
- Valves rated at 1,000 P. S.I.
- Blow out proof stem.



VSS100

PART NO	DESCRIPTION
316 SS FULL PORT BALL VALVES	
VSS025	1/4" SS Full Port Ball Valve
VSS038	3/8" SS Full Port Ball Valve
VSS050	1/2" SS Full Port Ball Valve
VSS075	3/4" SS Full Port Ball Valve
VSS100	1" SS Full Port Ball Valve
VSS125	1-1/4" SS Full Port Ball Valve
VSS150	1-1/2" SS Full Port Ball Valve
VSS200	2" SS Full Port Ball Valve
VSS300	3" SS Full Port Ball Valve

Stainless Steel Ball Valve

Threaded, 1/4" to 1" 2000 psig WOG, 1-1/4" to 2" 1500 psig WOG, 2-1/2" to 3" 1000 psig WOG. Cold non-shock. 150 psig. Saturated steam, vacuum service to 29 inches Hg.



PART NO	DESCRIPTION
STAINLESS STEEL BALL VALVES	
76-103-01	1/2" SS Ball Valve
76-104-01	3/4" SS Ball Valve
76-105-01	1" SS Ball Valve
76-106-01	1-1/4" SS Ball Valve
76-107-01	1-1/2" SS Ball Valve



76-100 Series

Economy Imported Stainless Steel Ball Valves

PART NO	SIZE
STAINLESS STEEL BALL VALVES	
IMPVSS025	1/4"
IMPVSS038	3/8"
IMPVSS050	1/2"
IMPVSS075	3/4"
IMPVSS100	1"
IMPVSS125	1-1/4"
IMPVSS150	1-1/2"
IMPVSS200	2"
IMPVSS300	3"

Features:

- Stainless Steel
- Threaded



Carbon Steel Ball Valves



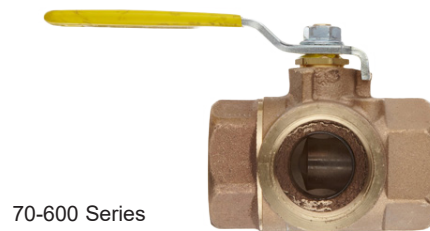
PART NO	DESCRIPTION
CARBON STEEL BALL VALVE	
73-101-01	1/4" Carbon Steel Valve
73-102-01	3/8" Carbon Steel Valve
73-103-01	1/2" Carbon Steel Valve
73-104-01	3/4" Carbon Steel Valve
73-105-01	1" Carbon Steel Valve
73-106-01	1-1/4" Carbon Steel Valve
73-107-01	1-1/2" Carbon Steel Valve
73-108-01	2" Carbon Steel Valve

Threaded, 1/4" to 1" 2000 psig WOG,
1-1/4" to 2" 1500 psig WOG.



Diverter Valves

PART NO	DESCRIPTION
DIVERTER VALVES	
70-601-01	1/4" 3-Way Valve, Bronze
70-602-01	3/8" 3-Way Valve, Bronze
70-603-01	1/2" 3-Way Valve, Bronze
70-604-01	3/4" 3-Way Valve, Bronze
70-605-01	1" 3-Way Valve, Bronze



70-600 Series

PART NO	DESCRIPTION
3-WAY DIVERSION SS BALL VALVE	
76-603-01	1/2" 3-Way SS Ball Valve
76-604-01	3/4" 3-Way SS Ball Valve
76-605-01	1" 3-Way SS Ball Valve
76-607-01	1-1/2" 3-Way SS Ball Valve



76-600 Series

Polypropylene Micro Valves



Features:

- 90° rotating handle.
- Precision molded polypropylene is reinforced w/fiberglass for additional strength.
- Standard FKM (viton type) seats and O-rings.
- Maximum operating pressure 300 P.S.I.



LV050100MTLV

PART NO	DESCRIPTION
LOCKING MICRO VALVES	
LV038050MTLV	3/8" NPT X 1/2" MNPT Micro Valve Locking Handle
LV050100MTLV	1/2" FNPT X 1" MNPT Micro-Valve Locking Handle



LVHB075MTLV

PART NO	DESCRIPTION
LOCKING MICRO VALVES	
LVHB075MTLV	3/4" Hose Barb X 3/4" MNPT Micro Valve Locking Handle
LVHB075100MTLV	3/4" Hose Barb X 1" MNPT Micro Valve Locking Handle



LV050SLLV

PART NO	DESCRIPTION
LOCKING MICRO VALVES	
LV050SLLV	1/2" FNPT Side Load Micro-Valve FKM Locking Handle

PUSH LOCK MICRO VALVES

PART NO	DESCRIPTION
POLY MICRO VALVES	
LVPL025V	1/4" Female NPT Micro Valve
LVPL050V	1/2" Female NPT Micro Valve



LVPL050V

LVPL025V

Polypropylene Micro Valves



Features:

- 90° rotating handle.
- Precision molded polypropylene is reinforced w/fiberglass for additional strength.
- Standard FKM (viton type) seats and O-rings.
- Maximum operating pressure 300 P.S.I.



LV050SLV



LV038V



LVHB038V

PART NO	DESCRIPTION
POLY MICRO VALVES	
LV025V	1/4" Female NPT Micro Valve
LV038V	3/8" Female NPT Micro Valve
LV050V	1/2" Female NPT Micro Valve
LV050SLV	1/2" Side Load Micro Valve

PART NO	DESCRIPTION
POLY MICRO VALVES	
LVHB038V	3/8" Hose Barb Micro Valve
LVHB050V	1/2" Hose Barb Micro Valve
LVHB075V	3/4" Hose Barb Micro Valve



LVHB038050MTV



LVHB075MTV



LVHB075100MTV



LV038MTV



LV038050MTV



LV050100MTV

PART NO	DESCRIPTION
POLY MICRO VALVES	
LVHB038050MTV	3/8" Hose Barb x 1/2" Male NPT Micro Valve
LVHB075100MTV	3/4" Hose Barb x 1" Male NPT Micro Valve
LVHB075MTV	3/4" Hose Barb x 3/4" Male NPT Micro Valve

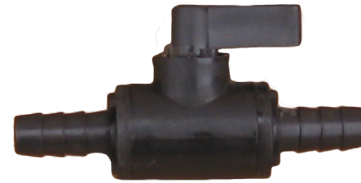
PART NO	DESCRIPTION
POLY MICRO VALVES	
LV025MTV	1/4" Female x Male NPT Micro Valve
LV038MTV	3/8" Female x Male NPT Micro Valve
LV038050MTV	3/8" Female x 1/2" Male NPT Micro Valve
LV050MTV	1/2" Female x Male NPT Micro Valve
LV050100MTV	1/2" Female x 1" Male NPT Micro Valve

Compact Poly 1-Way Ball Valves

Features:

- Polypropylene (black)
- 2-way flow
- Buna seals
- Threaded

PART NO	INLET	OUTLET
COMPACT POLYPROPYLENE ONE WAY BALL VALVES		
FN226-6B6B-B	3/8" Hose Barb	3/8" Hose Barb
FN226-8B8B-B	1/2" Hose Barb	1/2" Hose Barb



FN226-8B8B-B

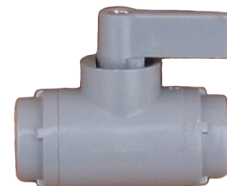
Compact PVC 2-Way Ball Valves

Features:

- PVC (grey)
- 2-way flow
- Buna seals
- Threaded



PVC226-4F4M-B



PVC226-4F4F-B

PART NO	INLET	OUTLET
COMPACT PVC TWO WAY BALL VALVES		
PVC226-4F4M-B	1/4" MNPT	1/4" FNPT
PVC226-4F4F-B	1/4" FNPT	1/4" FNPT
PVC226-4M4M-B	1/4" MNPT	1/4" MNPT



PVC226-4M4M-B

Check Valves



PVDF CHK 405-3B2B-F,0.1#



PP CHK 405 3B2B-B

Features:

Maximum Operating Pressure / Temperature
 Nylon - 100 psi at 70°F, 50 psi at 140°F
 Polypropylene - 70 psi at 70°F, 50 psi at 140°F

PART NO	INLET	OUTLET	PUSH TO CONNECT
CHECK VALVES			
PVDF CHK 405-3B2B-F,0.1#	1/8"- 1/4" NPT	1/8" -3/8" BARB	1/4" - 3/8"
PP CHK 405 3B2B-B	1/8"- 1/4" NPT	1/8" -3/8" BARB	1/4" - 3/8"

EXAMPLE OF HOW TO ORDER:

MATERIAL	INLET PORT	OUTLET PORT	SEAL	SPRING
BLACK PVDF (KYNAR®)	3/16 BARB)	1/8 BARB	(VITON®)	0.1 PSI

Compact Brass 1-Way Ball Valves



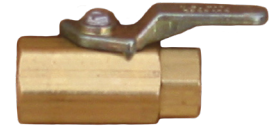
Features:

- Brass
- Single direction (one way) flow
- Buna seals
- Threaded

PART NO	INLET	OUTLET
COMPACT BRASS ONE-WAY BALL VALVES		
025-4F4M-BT	1/4" MNPT	1/4" FNPT
025-4F4F-BT	1/4" FNPT	1/4" FNPT
025-4FMN-BT	1/4" FNPT	11/16" MPT
027-4B4M-BT	1/4" MNPT	1/4" Hose Barb



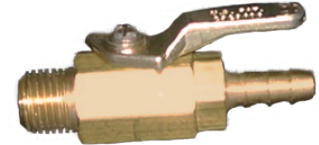
025-4F4M-BT



025-4F4F-BT



025-4FMN-BT

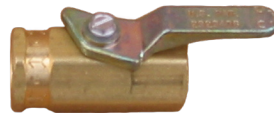


027-4B4M-BT

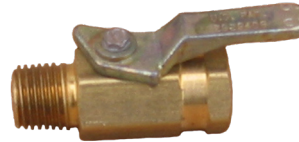
Compact Brass 2-Way Ball Valves

Features:

- Brass
- 2-way flow
- Buna seals
- Threaded



012-2F2F-BT



027-4F4M-BT



027-MN4M-BT

PART NO	INLET	OUTLET
COMPACT BRASS TWO-WAY BALL VALVES		
012-2F2F-BT	1/8" FNPT	1/8" FNPT
027-4F4M-BT	1/4" MNPT	1/4" FNPT
027-MN4M-BT	1/4" MNPT	11/16" MPT
027-4F4F-BT	1/4" FNPT	1/4" FNPT
027-4M4M-BT	1/4" MNPT	11/16" MPT



027-4F4F-BT



027-4M4M-BT

Brass Gate Valves

PART NO	SIZE
BRASS GATE VALVES	
BR-GV-1/4	1/4"
BR-GV-3/8	3/8"
BR-GV-1/2	1/2"
BR-GV-3/4	3/4"
BR-GV-1	1"
BR-GV-1-1/4	1-1/4"
BR-GV-1-1/2	1-1/2"
BR-GV-2	2"
BR-GV-2-1/2	2-1/2"
BR-GV-3	3"

Features:

- Class 150
- Brass
- Threaded



BR-GV-1/4

DirectoValve Manual Pressure Relief/Regulating Valves

Piston-Type Pressure Relief/Regulating Valves

Model 23120

- 302 stainless steel spring and EPDM O-ring.
- Excellent chemical resistance.
- 1/4" port for pressure gauge pipe plug included.

Model 23120A

- Same as 23120 but with 316SS spring and Viton® O-ring.
- How to order: Specify valve number.
Example: 23120-1/2-PP

PART NO	INLET AND PIPE CONNECTIONS	MATERIAL	PRESSURE RANGE
MANUAL PRESSURE RELIEF/REGULATING VALVES			
(B)23120-*-PP	1/2" or 3/4"	Polypropylene	150 PSI (10 bar)
(B)23120A-*-PP	1/2" or 3/4"	Polypropylene	150 PSI (10 bar)
(B)23120*-PP-60	1/2" or 3/4"	Polypropylene	60 PSI (4 bar)
(B)23120*-PP-60-VI	1/2" or 3/4"	Polypropylene/Viton	60 PSI (4 bar)

Model 23120



Model 6815

- Other models for high pressures up to 1,200 PSI (82 bar) are also available.
- Brass also available with hardened SS seat.

How to order:
Specify valve number.
Example: (B)6815-1/2-50

PART NO	INLET AND PIPE CONNECTIONS	MATERIAL	PRESSURE RANGE
MANUAL PRESSURE RELIEF/REGULATING VALVES			
(B)6815-*-50	1/2" or 3/4"	Brass or Aluminum	50 PSI (3.5 bar)
(B)6815-*-300	1/2" or 3/4"	Brass or Aluminum	300 PSI (20 bar)
(B)6815-*-700	1/2" or 3/4"	Brass or Aluminum	700 PSI (48 bar)

Model 6815

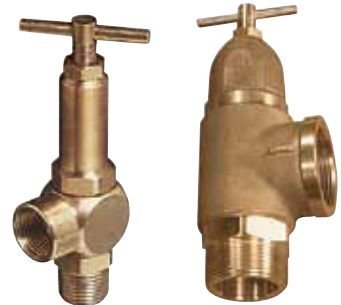


Model 110

- Removable bonnet for servicing unit without removing valve from line.

How to order:
Specify valve number.
Example: AA(B)110-1/4-300

PART NO	INLET AND PIPE CONNECTIONS	MATERIAL	PRESSURE RANGE
MANUAL PRESSURE RELIEF/REGULATING VALVES			
AA(B)110-*-300	1/4" or 3/8"	Brass	300 PSI (20 bar)
AA(B)110-*-700	1/4" or 3/8"	Brass	700 PSI (48 bar)
AA(B)110-1	1"	Brass, Aluminum or Ductile Iron	150 PSI (10 bar)
AA(B)110-1-1/4	1-1/4"	Brass, Aluminum or Ductile Iron	150 PSI (10 bar)
AA(B)110-1-1/2	1-1/2"	Brass, Aluminum or Ductile Iron	150 PSI (10 bar)



Model 110-1, 110-1-1/4 and 110-3/8

Model 8460 Diaphragm-Type Pressure Relief/Regulating Valves

- Flow rate to 56 GPM (212 l/min) for 1/2" and 70 GPM (265 l/min) for 3/4".
- 8460-*-50 uses stainless steel springs while 8460-* uses steel springs—responsive to the pressure range of each valve.
- Extra large valve passages to handle full flow from supply line.
- Positive locknut to hold adjustment screw firmly in place. Not affected by jarring and vibration.

PART NO	INLET AND PIPE CONNECTIONS	MATERIAL	PRESSURE RANGE
DIAPHRAGM-TYPE PRESSURE RELIEF/REGULATING VALVES			
(B)8460-*-50	1/2" or 3/4"	Brass or Aluminum	50 PSI (3.5 bar)
(B)8460-*-300	1/2" or 3/4"	Brass or Aluminum	300 PSI (20 bar)

Model 8460



DirectoValve Manual Control Valves



Model 6B

- Molded of corrosion resistant materials; all wetted parts are polypropylene, stainless steel and polyethylene.
- Maximum pressure of 150 PSI (10 bar).
- Flow Rate: 12 GPM (47 l/min) at 5 PSI (0.34 bar) pressure drop, 17 GPM (64 l/min) at 10 PSI (0.69 bar) pressure drop.
- Molded-in mounting flange and 1/4" NPT gauge port.
- Valves can be ganged together using hex nipple for multiple boom control.
- Easily repaired without removing valve from spray line.

How to Order:

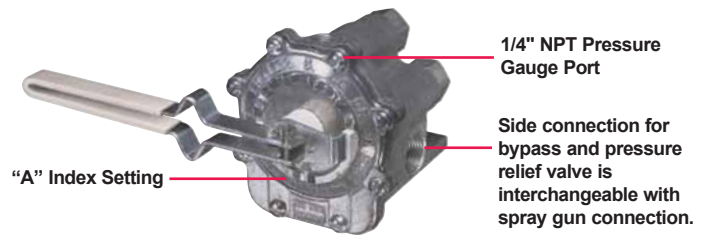
Example: AA6B



TeeValve Control Valves

For Selective Control of Three-Section Boom Sprayers at Pressures up to 300 PSI (20 bar).

- Use to open any of three boom section lines in any desired combination.
- Raise lever to open, lower lever to close the valve without changing the indexed position.
- Aluminum construction with stainless steel and plastic internal parts for maximum corrosion resistance.



PART NO	MATERIAL	MAX PRESSURE	INLET	(3) BOOM OUTLETS	ACCESSORY OUTLET
TEEVALVE CONTROL VALVES					
AA17Y	Aluminum, Polymer, Stainless Steel	300 PSI (20 bar)	1" NPT	3/4" (F)	3/4" (F)
AA17L	Aluminum, Polymer, Stainless Steel	300 PSI (20 bar)	3/4" NPT	3/4" (F)	3/4" (F)

TeeValve Throttling Valves

For regulating flow in systems equipped with centrifugal pumps where sensitive regulation is required or to control flow in jet agitator return lines. Locknut holds pressure setting firmly in place.

Type 23520

- Polypropylene construction for excellent chemical resistance.
- Pressures to 150 PSI (10 bar).
- 1/2" and 3/4" NPT or BSPT connections.
- 10 PSI (0.6 bar) pressure drop at 6 GPM (37.8 l/min) flow rate for 1/2"; 18 GPM (69 l/min) for 3/4".



How to order:
Example:
23520-1/2-PP

Stockton, CA
800-922-7253

Type 12690

- Pressures to 125 PSI (9 bar).
- Constructed of Nylon, Celcon®, aluminum, steel and SS
- 1/2" or 3/4" NPT connections.
- Maximum flow rate at 100 PSI (7 bar) is 56 GPM (212 l/min) for 1/2" and 82 GPM (310 l/min) for 3/4".



How to order:
Example:
12690-1/2-NYB

Fresno, CA
800-532-0253

Type 12795

- Pressures to 150 PSI (10 bar).
- Available in brass, aluminum or ductile iron.
- 1", 1-1/4" or 1-1/2" NPT connections.
- Flow rate at 40 PSI (3 bar) is 116 GPM (440 l/min) for 1" and 1-1/4" and 172 GPM (651 l/min) for 1-1/2".



How to order:
Example:
12795-1

Yuma, AZ
800-752-2636

Assorted Valves



PVC Economy Compact Ball Valves

PART NO	SIZE
PVC ECONOMY COMPACT BALL VALVES	
P4GT-1/2	1/2"
P4GT-3/4	3/4"
P4GT-1	1"
P4GT-1-1/4	1-1/4"
P4GT-2	2"
P4GT-2-1/2	2-1/2"
P4GT-3	3"
P4GT-4	4"

Features:

- Grey PVC construction
- Threaded



Cast Iron Butterfly Valves

PART NO	SIZE	LINER
CAST IRON BUTTERFLY VALVES		
CSBL020000	2"	Buna
CSBL030000	3"	Buna
CSBL040000	4"	Buna
CSEL020000	2"	EPDM
CSEL030000	3"	EPDM
CSEL040000	4"	EPDM
CSFL020000	2"	Viton
CSFL030000	3"	Viton
CSFL040000	4"	Viton

Features:

- Cast iron construction
- 316 stainless steel disc and stem
- Buna, EPDM or Viton liner
- Wafer style
- Latch lever handle



CSBL020000

PVC Butterfly Valves

PART NO	SIZE	LINER
PVC BUTTERFLY VALVES		
0200BFPXOEEWML	2"	EPDM
0300BFPXOEEWML	3"	EPDM
0400BFPXOEEWML	4"	EPDM
0200BFPXOVVWML	2"	Viton
0300BFPXOVVWML	3"	Viton
0400BFPXOVVWML	4"	Viton

Features:

- PVC construction
- Polypropylene disc with stainless stem
- EPDM or Viton liner
- Wafer style
- Latch lever handle



0200BFPXOEEWML

Assorted Valves



Stainless Steel Ball Valve w/Spring Ratchet Return

Features:

- Threaded, 1/4" to 1" 2000 psig WOG
- 1-1/4" to 2" 1500 psig WOG

PART NO	DESCRIPTION
STAINLESS STEEL BALL VALVE WITH SPRING RETURN HANDLE	
76-501-01	1/4" SS Deadman Ball Valve
76-502-01	3/8" SS Deadman Ball Valve
76-503-01	1/2" SS Deadman Ball Valve
76-504-01	3/4" SS Deadman Ball Valve
76-505-01	1" SS Deadman Ball Valve



76-500 Series



Cast Iron Valves - Ratchet Actuated

PART NO	SIZE
RATCHETACTUATEDBALLVALVES	
1604CSW	1/2"
1606CSW	3/4"
1608CSW	1"
1610CSW	1-1/4"
1612CSW	1-1/2"
1620CSW	2"

Features:

- Unique diagonally split valve body for easy cleaning
- Stainless steel ball and stem
- Cast iron body
- Ratchet handle for remote operation by cable, chain, cord or push-pull rod



1604CSW

Polypropylene Valve - Ratchet Actuated

Features:

- Designed for remote operation using rods or cables
- Stainless steel operating mechanism
- Polypropylene body
- Full "on" or "off"
- Fast actuating

PART NO	SIZE
POLYPROPYLENE VALVE - RATCHET ACTUATED	
4011V-20	2" Standard Port Ratchet Return



4011V-20