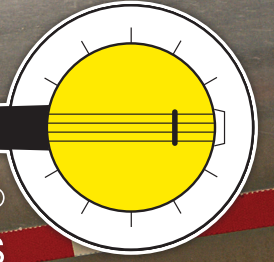


CATALOG #64 2024

# BANJO<sup>®</sup>

Liquid Handling Products



USDOT 3113354



BANJO LIQUID HANDLING PRODUCTS

## CONNECT WITH CONFIDENCE™

CATALOG #65 EFFECTIVE OCTOBER 2023

# 2024



## 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



### EASY-FILL™ VALVES

PART NO	DESCRIPTION	MAX PSI	LOT QTY
VSBHB204FP	2" FULL PORT EASY-FILL™ VALVE	150	2/BOX
VSBHB205FP	2" FULL PORT EASY-FILL™ VALVE W/CARRY HANDLE	150	4/BOX
VSBHB304FP	3" FULL PORT EASY-FILL™ VALVE	150	2/BOX
VSBHB305FP	3" FULL PORT EASY-FILL™ VALVE W/CARRY HANDLE	150	4/BOX
H25053	2" & 3" CARRY HANDLE	N/A	1

# VALVES

## 1/4" -1" POLY MICRO VALVES

### FEATURES

- 90° rotating handle
- 90° locking, rotating handle (with asterisk \*)
- Precision molded polypropylene is reinforced with fiberglass for additional strength.
- Standard FKM seats and O-Rings

**JG John Guest®** Fitting

The brand "John Guest" is a registered trademark of John Guest International Limited.



### MICRO VALVES

PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL	LOT QTY
LV025V	1/4" FEMALE NPT MICRO VALVE	300	1/4"	3/8"	10
LV038V	3/8" FEMALE NPT MICRO VALVE	300	3/8"	3/8"	10
LV050V	1/2" FEMALE NPT MICRO VALVE	300	1/2"	15/32"	10
LV050SLV	1/2" SIDE LOAD MICRO VALVE	300	1/2"	1/2"	10
LV050SLLV*	1/2" SIDE LOAD LOCKING MICRO VALVE	300	1/2"	15/32"	10

### MICRO VALVES

PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU	LOT QTY
LVHB038V	3/8" HOSE BARB MICRO VALVE	300	3/8"	3/8"	10
LVHB050V	1/2" HOSE BARB MICRO VALVE	300	1/2"	3/8"	10
LVHB075V	3/4" HOSE BARB MICRO VALVE	300	3/4"	15/32"	10

### MICRO VALVES

PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL	LOT QTY
LV025MTV	1/4" FEMALE X MALE NPT MICRO VALVE	300	1/4"	3/8"	10
LV038MTV	3/8" FEMALE X MALE NPT MICRO VALVE	300	3/8"	3/8"	10
LV038050MTV	3/8" FEMALE X 1/2" MALE NPT MICRO VALVE	300	3/8" x 1/2"	3/8"	10
LV038050MTLV*	3/8" FEMALE X 1/2" MALE NPT LOCKING MICRO VALVE	No Match!	3/8" x 1/2"	3/8"	10
LV050MTV	1/2" FEMALE X MALE NPT MICRO VALVE	300	1/2"	15/32"	10
LV050100MTV	1/2" FEMALE X 1" MALE NPT MICRO VALVE	300	1/2"	15/32"	10
LV050100MTLV*	1/2" FEMALE X 1" MALE NPT LOCKING MICRO VALVE	No Match!	1/2" x 1"	15/32"	10

### MICRO VALVES

PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL	LOT QTY
LVHB038050MTV	3/8" HOSE BARB X 1/2" MALE NPT MICRO VALVE	300	1/2"	3/8"	10
LVHB075MTV	3/4" HOSE BARB X 3/4" MALE NPT MICRO VALVE	300	3/4"	1/2"	10
LVHB075100MTV	3/4" HOSE BARB X 1" MALE NPT MICRO VALVE	300	1"	15/32"	10
LVHB075100MTLV	3/4" HOSE BARB X 1" MALE NPT LOCKING MICRO VALVE	300	1"	15/32"	10

### MICRO VALVES

PART NO	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL	LOT QTY
LVPL025V	1/4" FEMALE PUSH LOCK MICRO VALVE	300	1/4"	3/8"	10
LVPL038V	3/8" FEMALE PUSH LOCK MICRO VALVE	150	3/8"	3/8"	10

## 1/2" - 2" 4 BOLTED VALVES



V100FP

V125

V200

### 4 BOLTED VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT
V050	1/2" FULL PORT VALVE	300	1/2"	3/4"	6	V10153A	N/A
V075	3/4" FULL PORT VALVE	300	3/4"	3/4"	12	V10153A	N/A
V100	1" STANDARD PORT VALVE	225	1"	3/4"	12	V10153A	N/A
V100FP	1" FULL PORT VALVE	300	1"	1"	12	V10153A	V10200
V125	1 1/4" STANDARD PORT VALVE	300	1 1/4"	1"	6	V10153A	V10200
V125FP	1 1/4" FULL PORT VALVE	225	1 1/4"	1 1/2"	6	V20153	V20200
V150	1 1/2" FULL PORT VALVE	225	1 1/2"	1 1/2"	6	V20153	V20200
V200	2" STANDARD PORT VALVE	225	2"	1 1/2"	12	V20153	V20200

### FEATURES

- FKM 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.

### REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring

## VALVE ACCESSORIES



V25270

V25271

### FEATURES

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

### VALVE ACCESSORIES



PART NO	DESCRIPTION	FITS VALVES	LOT QTY
VL20153	LOCKING DEVICE	V125, V150, V200	1
V10270	STRAIGHT MOUNTING BRACKET	V100FP, V125	1
V10271	90° MOUNTING BRACKET	V100FP, V125	1
V25270	STRAIGHT MOUNTING BRACKET	V125FP, V150, V200	1
V25271	90° MOUNTING BRACKET	V125FP, V150, V200	1
V10153138	1" X 1 3/8" HANDLE OFFSET	V100FP, V125	1
V20153138	2" FP X 1 3/8" HANDLE OFFSET	V125FP, V150, V200	10
V25153138	2" FP X 1 3/8" HANDLE OFFSET	V200FP	1

# VALVES

## 2"-4" 6 BOLTED VALVES

### FEATURES

- FKM 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.

### REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring



### 6 BOLTED VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT
V200FP	2" FULL PORT VALVE	225	2"	2"	8/BOX	V25153	V25200
VFMT200FP	2" FULL PORT VALVE W/ F ADAPTER	225	2"	2"	6/BOX	V25153	V25200
V300	3" STANDARD PORT VALVE	225	3"	2½"	8/BOX	V25153	V30200
V300FP	3" FULL PORT VALVE	200	3"	3"	6/BOX	V25153	V35200
V400	4" STANDARD PORT VALVE	100	4"	3½"	4/BOX	V25153	V40200

## VALVE ACCESSORIES

### FEATURES

- Stainless steel hardware
- Locks in open and closed positions
- Locking handle replaces standard handle (sold separately)
- Padlock not included



### VALVE ACCESSORIES

PART NO	DESCRIPTION	FITS VALVES	QTY
VL25153	LOCKING HANDLE	V200FP, V300, V300FP, V400, VFMT200FP	1
V25270	STRAIGHT MOUNTING BRACKET	V200FP, V300, V300FP, V400, VFMT200FP	1
V25271	90° MOUNTING BRACKET	V200FP, V300, V300FP, V400, VFMT200FP	1

## 2" FULL PORT 4 BOLTED BALL VALVES



VFMT204FP

V204FP

### 4 BOLTED FULL PORT VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT
VFMT204FP	2" FULL PORT VALVE MALE NPT X MALE ADAPTER	150	2"	2"	6/BOX	V25153	V25200
V204FP	2" FULL PORT VALVE	150	2"	2"	8/BOX	V25153	V25200

### FEATURES

- FKM seals
- Stainless steel bolts
- PTFE self-lubricating stem bushings and seats cannot stick or bind
- Precision molded in fiberglass reinforced polypropylene
- Self-aligning ball moves freely against the PTFE seats for smoother 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

### REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring

## 2" FULL PORT ANSI FLANGE BOLTED BALL VALVES



VSF200FPAF

### FULL PORT ANSI FLANGE BOLTED VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT
VSF200FPAF	2" FULL PORT VALVE MALE ADAPTER X 2" ANSI FLANGE	200	2"	2"	6/BOX	V25153SH	VS25200

### FEATURES

- 100% PTFE seats
- FKM seals
- Glass-filled polypropylene
- Unique compact design
- Lightweight
- Gaskets featured on page 73

### REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring

# VALVES

## 2" STANDARD PORT STUBBY BALL VALVES

### FEATURES

- Stainless steel bolts
- Glass reinforced polypropylene
- Multiple design options
- Unique patented compact design
- Lightweight
- All PTFE seals



VSF200



VSMT200



VSFMT200



VSFHB200

### 2" STANDARD PORT STUBBY VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE
VSF200	2" MALE ADAPTER X 2" FEMALE NPT	100	2"	1½"	6	VS20152SH
VSMT200	2" MALE NPT X 2" FEMALE NPT	100	2"	1½"	6	VS20152SH
VSFMT200	2" MALE ADAPTER X 2" MALE NPT	225	2"	1½"	12	VS20152SH
VSFHB200	2" MALE ADAPTER X 2" HOSE BARB	100	2"	1½"	6	VS20152SH

## 2" FULL PORT STUBBY BALL VALVES



VSMT204FP



VSF204FP



VS204FP



VSFMT204FP



VSFMT204HSFP

### FEATURES

- Stainless steel bolts
- 100% PTFE ball seats
- Glass reinforced polypropylene
- Unique patented compact design
- Lightweight
- FKM body seals

### REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring

### 2" FULL PORT STUBBY VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT
VSMT204FP	2" MALE NPT X 2" FEMALE NPT	200	2"	2"	6	VS25153	VS25200
VSF204FP	2" MALE ADAPTER X 2" FEMALE NPT	100	2"	2"	6	VS25153	VS25200
VS204FP	2" FEMALE NPT X 2" FEMALE NPT	225	2"	2"	6	VS25153	VS25200
VSFMT204FP	2" MALE ADAPTER X 2" MALE NPT	150	2"	2"	6	VS25153	VS25200
VSFMT204HSFP	2" FP MALE ADAPTER X 2" MALE NPT W/ SS BALL, STEM & HANDLE	150	2"	2"	6	N/A	VSSH25200



# VALVES

## 3" STANDARD PORT STUBBY BALL VALVES

### FEATURES

- Stainless steel bolts
- Glass reinforced polypropylene
- FKM body seals
- Unique patented compact design
- Lightweight
- All PTFE seats
- Note: If repair kits not listed, components available.



### 3" STANDARD PORT STUBBY VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE STRAIGHT	REPLACEMENT HANDLE SHORT
VSF300	3" FEMALE NPT X 3" MALE ADAPTER	100	3"	2½"	6/BOX	V25153	V25153SH
VSMT300	3" FEMALE NPT X 3" MALE NPT	100	3"	2½"	6/BOX	V25153	V25153SH
VSFMT300	3" MALE NPT X 3" MALE ADAPTER	225	3"	2½"	6/BOX	V25153	V25153SH

## 3" FULL PORT STUBBY BALL VALVES

### FEATURES

- Stainless steel bolts
- Glass reinforced polypropylene
- FKM body seals
- Unique patented compact design
- Lightweight
- All PTFE ball seats
- Note: If repair kits not listed, components available.



### 3" FULL PORT STUBBY VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	REPLACEMENT HANDLE
VSFMT300FP	3" FULL PORT MALE ADAPTER X 3" MALE NPT	100	3"	3"	6/BOX	V25153
VSFMT300HSFP	3" FULL PORT MALE ADAPTER X 3" MALE NPT W/SS BALL, STEM & HANDLE	100	3"	3"	6/BOX	VS30153SS

## 3 WAY BOTTOM LOAD BALL VALVES



### FEATURES

- Stainless steel bolts
- Precision molded in fiberglass reinforced polypropylene 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
- PTFE self-lubricating stem bushings and seats
- FKM body seals
- Directional flow, right or left. Valve can be turned off to stop flow

### 3 WAY BOTTOM LOAD VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	HANDLE TYPE	REPLACEMENT HANDLE
V075BL	¾" 3-WAY BOTTOM LOAD VALVE	200	¾"	1"	6	T	N/A
V100BL	1" FP 3-WAY BOTTOM LOAD VALVE	225	1"	1"	6	T	N/A
V125BL	1¼" 3-WAY BOTTOM LOAD VALVE	300	1¼"	1½"	6	T	V20353TB
V150BL	1½" FP 3-WAY BOTTOM LOAD VALVE	225	1½"	1½"	6	T	V20353TB
V200BL	2" FP 3-WAY BOTTOM LOAD VALVE	200	2"	2"	8/BOX	STRAIGHT	V25353B

## 3 WAY SIDE LOAD BALL VALVES



### FEATURES

- Stainless steel bolts
- Precision molded in fiberglass reinforced polypropylene 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
- PTFE self-lubricating stem bushings and seats
- FKM body seals
- Directional flow, right or left. Valve cannot be turned off to stop flow

### 3 WAY SIDE LOAD VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY	HANDLE TYPE	REPLACEMENT HANDLE	REPAIR KIT
V075SL	¾" 3-WAY SIDE LOAD VALVE	200	¾"	1"	6	STRAIGHT	V10153A	V10300SL
V100SL	1" FP 3-WAY SIDE LOAD VALVE	200	1"	1"	6	STRAIGHT	V10153A	V10300SL
V125SL	1¼" 3-WAY SIDE LOAD VALVE	300	1¼"	1½"	6	T	V20353TS	V15300SL
V150SL	1½" FP 3-WAY SIDE LOAD VALVE	225	1½"	1½"	6	T	V20353TS	V15300SL
V200SL	2" FP 3-WAY SIDE LOAD VALVE	225	2"	2"	8/BOX	STRAIGHT	V25153SH	V25200BL

# VALVES

## 1½" - 2" 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 steel bolts



VA150



VA200FP

### 1½"-2" NOZZLE VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	FEMALE NPT	LOT QTY	REPLACEMENT HANDLE	REPAIR KIT
VA150	1½" NOZZLE VALVE WITH 90° ELBOW	225	1½" x 8"	1½"	1½"	6	V20152	N/A
VA200	2" NOZZLE VALVE WITH 90° ELBOW	200	2" x 8"	1½"	2"	6	V20152	N/A
VA200FP	2" FP NOZZLE VALVE WITH 90° ELBOW	225	2" x 8"	2"	2"	6/BOX	V25152	V25200

## 1" DISPENSING NOZZLES

### FEATURES

- Glass reinforced polypropylene
- 304 stainless steel handle, spring and pin
- FKM rubber parts only
- Resists corrosion



VN100



V10161

### 1" DISPENSING NOZZLE

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	FEMALE NPT	QTY	REPAIR KIT
VN100	1" DISPENSING NOZZLE	150	1"	N/A	1"	1	VN10200
V10161	1" NOZZLE PIPE FOR USE WITH V100, V100FP, UV100FP, SUV100FP	N/A	1"	N/A	1"	1	N/A

## 1/2" - 2" SINGLE UNION SPINWELD VALVES



SUV125FP



MSUV100FP

### 1/2"-2" SINGLE UNION SPINWELD VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY
SUV050FP	1/2" FULL PORT SINGLE UNION SPINWELD VALVE	300	1/2"	1/2"	10
SUV075FP	3/4" FULL PORT SINGLE UNION SPINWELD VALVE	300	3/4"	3/4"	10
SUV100FP	1" FULL PORT SINGLE UNION SPINWELD VALVE	300	1"	1"	10
SUV125FP	1 1/4" FULL PORT SINGLE UNION SPINWELD VALVE	300	1 1/4"	1 1/4"	10
SUV150FP	1 1/2" FULL PORT SINGLE UNION SPINWELD VALVE	300	1 1/2"	1 1/2"	10
SUV200FP	2" FULL PORT SINGLE UNION SPINWELD VALVE	200	2"	2"	10
MSUV100FP	1" MANIFOLD FULL PORT SINGLE UNION SPINWELD VALVE	300		1"	10

### FEATURES

- Precision molded in glass reinforced polypropylene for strength and chemical resistance
- PTFE seats for smooth and proper sealing characteristics
- EPDM O-rings to handle most fertilizers and many chemicals
- Double O-rings in stem area for extra sealing protection
- Interlocking body and end plate to allow easy thread connection when installing valves

## 1/2" - 2" SINGLE UNION VALVES



### 1/2"-2" SINGLE UNION VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	LOT QTY
UV050FP	1/2" FULL PORT SINGLE UNION VALVE	300	1/2"	3/4"	10
UV075FP	3/4" FULL PORT SINGLE UNION VALVE	300	3/4"	3/4"	10
UV100FP	1" FULL PORT SINGLE UNION VALVE	300	1"	1"	10
UV125FP	1 1/4" FULL PORT SINGLE UNION VALVE	225	1 1/4"	1 1/4"	10
UV150FP	1 1/2" FULL PORT SINGLE UNION VALVE	200	1 1/2"	1 1/2"	10
UV200FP	2" FULL PORT SINGLE UNION VALVE	300	2"	2"	10

### FEATURES

- Precision molded in glass reinforced polypropylene for strength and chemical resistance
- PTFE seats for smooth and proper sealing characteristics
- Double O-rings in stem area for extra sealing protection
- Interlocking body and end plate to allow easy thread connection when installing valves

# VALVES

## 1/2" - 3" CHECK VALVES

### FEATURES

- One piece construction
- Glass reinforced polypropylene
- 316 stainless steel springs
- EPDM gasket



### 1/2"-3" CHECK VALVES

PART NO	DESCRIPTION	OPENING PRESSURE PSI	MAX PSI	PIPE SIZE	LOT QTY
CV050	1/2" CHECK VALVE	6-7	300	1/2"	10
CV100MT	1" MALE X FEMALE NPT CHECK VALVE	1	300	1"	10
CV100	1" CHECK VALVE	1	300	1"	10
CV221	2" FULL PORT CHECK VALVE	>0.5	300	2"	10
CV300	3" FULL PORT CHECK VALVE W/ 5 LB SPRING	1.5	300	3"	1
CV301	3" FULL PORT CHECK VALVE W/1/2 LB SPRING	>0.5	N/A	3"	1

## 1/4" - 3" STAINLESS STEEL FULL PORT VALVES

### FEATURES

- 316 stainless steel
- Blow out proof stem
- All valves 100% tested by air, under water at 100 PSI in open and closed positions
- Latch locking handle performs in both open and closed positions
- Mounting pad
- PTFE seals and seats



### 1/4"-3" STAINLESS STEEL FULL PORT VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	REPAIR KIT
VSS025	1/4" SS FULL PORT VALVE	1000	1/4"	1/4"	1	VSS02500
VSS038	3/8" SS FULL PORT VALVE	1000	3/8"	3/8"	1	VSS02500
VSS050	1/2" SS FULL PORT VALVE	1000	1/2"	1/2"	1	VSS05200
VSS075	3/4" SS FULL PORT VALVE	1000	3/4"	3/4"	1	VSS07200
VSS100	1" SS FULL PORT VALVE	1000	1"	1"	1	VSS10200
VSS150	1 1/2" SS FULL PORT VALVE	1000	1 1/2"	1 1/2"	1	VSS15200
VSS200	2" SS FULL PORT VALVE	1000	2"	2"	1	VSS25200
VSS300	3" SS FULL PORT VALVE	1000	3"	3"	1	VSS35200

## 3/4" - 1" PINCH VALVES

### FEATURES

- Open position allows full unobstructed flow of 50-60 GPM
- Air pressure collapses the internal rubber sleeve to provide positive shut off
- Standard EPDM rubber bladder seal and FKM available
- Female NPT threads
- ATTENTION: Normally an open valve and has a maximum liquid pressure of 70 PSI. Pressure differential = pressure it takes to close valve



### 3/4"-1" PINCH VALVES

PART NO	DESCRIPTION	GASKET	MAX PSI	PIPE SIZE	PRESSURE DIFFERENTIAL	LOT QTY
PV075	3/4" X 3/4" PINCH VALVE	EPDM	300	3/4"	15 TO 20 PSI	10
PV100	1" X 1" PINCH VALVE	EPDM	300	1"	15 TO 20 PSI	1
PV100-075	1" X 3/4" PINCH VALVE	EPDM	300	1" X 3/4"	15 TO 20 PSI	10
PV100-075V	1" X 3/4" PINCH VALVE	FKM	300	1" X 3/4"	15 TO 20 PSI	1
PV10265	BLADDER	EPDM	N/A			1
PV10265V	BLADDER	FKM	N/A			1

# ELECTRIC VALVES



### SMALLER

- EVX 2" full port and 3" models are over 35% smaller than the average competitive valve. The 1½", 2" full port and 3" models are also substantially lighter than the average competitive valve.

### SMARTER

- EVX offers many protocol options for your needs:
  - On/Off
  - Regulating
  - Regulating with linear feedback
  - CAN/ISO BUS
  - Proportional control
- Diagnostic options for CANBUS
  - Voltage
  - Temperature
  - Cycle Count

### TOUGHER

- Setting the new standard for electric valve toughness, EVX passes 52 separate durability torture tests including mechanical shock, vibration, extreme temperature, rain/shine, operating pressure, and rigorous longevity tests.



INDICATOR/DOME IS STANDARD  
OPTIONAL LED FOR OPEN/CLOSE

IP68 WATERPROOF  
RATING

U PIN FOR  
EASY  
CHANGE

COMPACT WELDED  
CONSTRUCTION

**SMALLER / SMARTER / TOUGHER**

# ELECTRIC VALVES

## 3/4" - 1 1/2" EVX SERIES

### FEATURES

- 12-volt DC operated
- 24-volt available
- Open/closed indicator
- 3/4"-1 1/4" ON/OFF has 3/4 sec response
- 1 1/2" ON/OFF has 1 1/2 sec response
- Regulating has 4 sec response
- Open/Close verification wires available
- IP68 waterproof
- -0 to 150F (-18 to 65C) operating
- -67 to 221F (-55 to 105C) storage
- On/Off Actuator rated to 500,000 cycles
- Regulating Actuator rated to 250,000 cycles
- Valve rated to 50,000 cycles leak-free
- Bolted valves have the same exact dimensions as our legacy EV valves.
- Additional protocols available including CAN/ISO BUS & Proportional Control

### MATERIALS

- 316 stainless steel ball & stem
- Poly ball available
- Stainless steel hardware
- Fiberglass reinforced polypropylene
- PTFE seats
- FKM stem seals

### ON/OFF

- Red = +12V DC
- Black = Ground
- White = +12VDC (Open)  
0VDC (Close)

### 4 WIRE REGULATING

- Red = +12V DC (Open)
- White = Ground (Open)
- Black = +12V DC (Close)
- Green = Ground (Close)



### 3/4" - 1 1/2" EVX ON/OFF BOLTED ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	OPTIONAL HANDLE KIT	REPAIR KIT
EVX071	3/4" FULL PORT ELECTRIC VALVE	300	3/4"	1"	1	VP20153SH	EVX10200
EVX101	1" FULL PORT ELECTRIC VALVE	300	1"	1"	1	VP20153SH	EVX10200
EVX121	1 1/4" STANDARD PORT ELECTRIC VALVE	300	1 1/4"	1"	1	VP20153SH	EVX10200
EVX151	1 1/2" FULL PORT ELECTRIC VALVE	250	1 1/2"	1 1/2"	1	VP20153SH	EVX20200

### 3/4" - 1 1/2" EVX REGULATING BOLTED ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	OPTIONAL HANDLE KIT	REPAIR KIT
EVXR071	3/4" FULL PORT ELECTRIC VALVE	300	3/4"	1"	1	VP20153SH	EVX10200
EVXR101	1" FULL PORT ELECTRIC VALVE	300	1"	1"	1	VP20153SH	EVX10200
EVXR151	1 1/2" FULL PORT ELECTRIC VALVE	250	1 1/2"	1 1/2"	1	VP20153SH	EVX20200

## 2" EVX SERIES



### FEATURES

- 12-volt DC operated
- 24-volt available
- Open/closed indicator
- ON/OFF has 1½ second response
- Regulating has 4 second response
- Open/Close verification wires available
- IP68 waterproof
- -0 to 150F (-18 to 65C) operating
- -67 to 221F (-55 to 105C) storage
- On/Off Actuator rated to 500,000 cycles
- Regulating Actuator rated to 250,000 cycles
- Valve rated to 50,000 cycles leak-free
- Bolted valves have the same exact dimensions as our legacy EV valves.
- Additional protocols available including CAN/ISO BUS & Proportional Control

### MATERIALS

- 316 stainless steel ball & stem
- Stainless steel hardware
- Fiberglass reinforced polypropylene
- PTFE seats
- FKM stem seals

### ON/OFF

- Red = +12V DC
- Black = Ground
- White = +12VDC (Open)  
0VDC (Close)

### 4 WIRE REGULATING

- Red = +12V DC (Open)
- White = Ground (Open)
- Black = +12V DC (Close)
- Green = Ground (Close)

### 2" EVX ON/OFF BOLTED ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	OPTIONAL HANDLE KIT	REPAIR KIT
EVX201	2" STANDARD PORT ELECTRIC VALVE	250	2"	1½"	1	VP20153	EVX20200
EVX221	2" FULL PORT ELECTRIC VALVE	125	2"	2"	1	VP20153	EVX25200

### 2" EVX REGULATING BOLTED ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	OPTIONAL HANDLE KIT	REPAIR KIT
EVXR201	2" STANDARD PORT ELECTRIC VALVE	250	2"	1½"	1	VP20153	EVX20200
EVXR221	2" FULL PORT ELECTRIC VALVE	125	2"	2"	1	VP20153	EVX25200



# ELECTRIC VALVES

## 3" EVX SERIES

### FEATURES

- 12-volt DC operated
- 24-volt available
- Open/closed indicator
- ON/OFF has 4 second response
- Regulating has 4 second response
- Open / Close verification available
- IP68 waterproof
- -0 to 150F (-18 to 65C) operating
- -67 to 221F (-55 to 105C) storage
- Actuator rated to 250,000 cycles
- Valve rated to 50,000 cycles leak-free
- Additional protocols available including CAN/ISO BUS & Proportional Control

### MATERIALS

- 316 stainless steel ball & stem
- Stainless steel hardware
- Fiberglass reinforced polypropylene
- Zinc alloy lower actuator housing
- PTFE seats
- FKM stem seals

### ON/OFF

- Red = +12V DC
- Black = Ground
- White = +12VDC (Open)  
0VDC (Close)

### 4 WIRE REGULATING

- Red = +12V DC (Open)
- White = Ground (Open)
- Black = +12V DC (Close)
- Green = Ground (Close)



### 3" EVX ON/OFF ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	OPTIONAL HANDLE KIT
EVX300	3" FULL PORT ELECTRIC VALVE	125	3"	3"	1	VP30153

### 3" EVX REGULATING ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	OPTIONAL HANDLE KIT
EVXR300	3" FULL PORT ELECTRIC VALVE	125	3"	3"	1	VP30153

# ELECTRIC VALVES

## 3/4" - 2" EVX SERIES BOTTOM & SIDE LOAD VALVES



### FEATURES

- 12-volt DC operated
- 24-volt available
- Open/closed indicator
- 1" & 1 1/4" ON/OFF has 3/4 second response
- 1 1/2" & 2" ON/OFF has 1 1/2" second response
- Open / Close verification available
- IP68 waterproof
- -0 to 150F (-18 to 65C) operating
- -67 to 221F (-55 to 105C) storage
- On/Off Actuator rated to 500,000 cycles
- Valve rated to 50,000 cycles leak-free
- These bolted valves have the exact same dimensions as our legacy EV valves.
- Additional protocols available including CAN/ISO BUS & Proportional Control

### MATERIALS

- 316 stainless steel ball & stem
- Stainless steel hardware
- Fiberglass reinforced polypropylene
- PTFE seats
- FKM stem seals

### ON/OFF

- Red = +12V DC
- Black = Ground
- White = +12VDC (Open)  
0VDC (Close)

### 4 WIRE REGULATING

- Red = +12V DC (Open)
- White = Ground (Open)
- Black = +12V DC (Close)
- Green = Ground (Close)

### 3/4"-2" EVX BOLTED BOTTOM LOAD ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	OPTIONAL HANDLE KIT	REPAIR KIT
EVX075BL	3/4" FULL PORT BOTTOM LOAD ELECTRIC VALVE	300	3/4"	1"	1	VP20153SH	EVX10200
EVX100BL	1" FULL PORT BOTTOM LOAD ELECTRIC VALVE	300	1"	1"	1	VP20153SH	EVX10200
EVX125BL	1 1/4" FULL PORT SIDE LOAD ELECTRIC VALVE	250	1 1/4"	1"	1	VP20153SH	EVX10200
EVX150BL	1 1/2" FULL PORT SIDE LOAD ELECTRIC VALVE	250	1 1/2"	1 1/2"	1	VP20153SH	EVX20200
EVX200BL	2" STANDARD PORT BOTTOM LOAD ELECTRIC VALVE	250	2"	1 1/2"	1	VP20153	EVX20200
EVX220BL	2" FULL PORT BOTTOM LOAD ELECTRIC VALVE	125	2"	2"	1	VP20153	EVX25200

### 3/4"-2" EVX BOLTED SIDE LOAD ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY	OPTIONAL HANDLE KIT	REPAIR KIT
EVX075SL	3/4" FULL PORT SIDE LOAD ELECTRIC VALVE	300	3/4"	1"	1	VP20153SH	EVX10200
EVX100SL	1" FULL PORT SIDE LOAD ELECTRIC VALVE	300	1"	1"	1	VP20153SH	EVX10200
EVX125SL	1 1/4" FULL PORT SIDE LOAD ELECTRIC VALVE	250	1 1/4"	1"	1	VP20153SH	EVX10200
EVX150SL	1 1/2" FULL PORT SIDE LOAD ELECTRIC VALVE	250	1 1/2"	1 1/2"	1	VP20153SH	EVX20200
EVX200SL	2" STANDARD PORT SIDE LOAD ELECTRIC VALVE	250	2"	1 1/2"	1	VP20153	EVX20200
EVX220SL	2" FULL PORT SIDE LOAD ELECTRIC VALVE	125	2"	2"	1	VP20153	EVX25200

# ELECTRIC VALVES

## 3/8" - 1/2" LEV SERIES

### FEATURES

- 12 Volt DC
- Stationary current draw: less than 0.04 amps
- Rotating current draw: less than 0.40 amps
- Stall current: 0.75 amps
- Response time: 1/3 second open to close
- TFM seats
- EPDM seals
- Fiberglass reinforced polypropylene
- Integrated mounting slot
- Standard 3 wire configuration



LEV038



LEV050

### 3/8"-1/2" ON/OFF ELECTRIC VALVES

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY
LEV038	3/8" FULL PORT ELECTRIC VALVE	300	3/8"	3/8"	1
LEV050	1/2" ELECTRIC VALVE	300	1/2"	15/32"	1



LEV038PL

### 3/8" ELECTRIC VALVES W/ PUSH LOCK

PART NO	DESCRIPTION	MAX PSI	PIPE SIZE	OPENING THRU BALL	QTY
LEV038PL	3/8" FULL PORT ELECTRIC VALVE W/ PUSH LOCK	150	3/8"	3/8"	1

