The V Series ball valve provides accurate control of down-stream flow rates, from simple on-off to modulating control applications. The throttling part of the valve is a solid stainless steel ball, not a seat insert like others. The unique V Series ball design is forgiving, accommodating, and characterized to meet all custom flow requirements.

V Series valves are designed to offer maximum flow coefficients (Cv) which are substantially larger than other throttling ball valves. In many cases, half size pipeline valves can be used resulting in space reduction, reduced maintenance and delivering great cost reductions.

**FEATURES**
- Higher flow capacities and excellent repeatability.
- Bubble-tight shut-off.
- Controllable flow rates.
- Non-clogging flow streams for general and slurry applications.
- High pressure drop capability with straight through flow.
- Self-compensating live-loaded stem packing.
- Maintenance is as easy as changing a standard seat.
- High temperature ball seats.
- Matched ball and stem.
- Economical low operating cost.

**MATERIALS OF CONSTRUCTION**
- **Body:** Stainless steel (V200, V300 & V350T), stainless steel or carbon steel (V150F & V300F).
- **Seats:** TFM or 50/50 (V200, V300, V150F & V300F), PTFE (V350T).

**V SERIES MODEL NUMBERING**
- **Model Number:** V X
- **End Connections:**
  - 200N = Carbon Steel NPT
  - 300N = Stainless Steel NPT
  - 200S = Carbon Steel IPS socket
  - 300S = Stainless Steel IPS socket
  - 350T = Tri-clamp
  - 150F = 150 lb ANSI flanged
  - 300F = 300 lb ANSI flanged

**ACTUATOR CONFIGURATIONS**
- Electric (weatherproof) with 4-20 mA positioner.
- Electric (explosion proof) with 4-20 mA positioner.
- Pneumatic (spring return) with 4-20 mA positioner or 3-15 PSI positioner.
- Pneumatic (double acting) with 4-20 mA positioner or 3-15 PSI positioner.

**MAXIMUM PRESSURE**
- **Class 150:**
  - Body: 275 PSI
- **Class 300:**
  - Body: 700 PSI

**MAXIMUM TEMPERATURE**
- 425°F (PTFE)
- 475°F (TFM)
- 525°F (50/50)

**SPECIFICATIONS**
- **Connections:**
  - 1/2” to 4” NPT threaded,
  - IPS socket & tri-clamp,
  - 1/2” to 8” flanged.
## V Series

**V port 2-way ball valve**

(1/2” to 4” NPT threaded, IPS socket & tri-clamp, 1/2” to 8” flanged sizes available)

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V200F / V300F ESR

V-Port 3-pc ball valve with spring return pneumatic actuator & positioner

(Threaded NPT (N), & Socket Weld (S) end connections) TFM Seats

Actuators are sized for 150 psi pressure differential

**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<th>Size</th>
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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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Note: Dimensions “C” & “E” include a 3” high mounting bracket sizes 1/2” - 3” and a 4” high mounting bracket on 4” valve

*V200 = Carbon Stl Body, 316SS Trim
*V300 = 316SS Body & Trim
① End Connections: N=NPT, S=Socket Weld
② Ball Drilling: (3) 30˚, (6) 60˚
③ C=Fail Close, O=Fail Open
④ Positioner: P5, E5, ESXP

**V200 & V300 VALVE SPECIFICATIONS**

- V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
- 1500 WOG / 150 WSP
- Secondary Metal Seat
- Secondary Media Containment
- Swing Out Body Design
- Seats: TFM
- Max Temp: TFM Seats: 475˚F

**PNEUMATIC ACTUATOR FEATURES**

- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4˚F to 175˚F

Contact us for the most recent product and technical information. Visit our website for more details: assuredautomation.com
V200F / V300F EDA

V-Port 3-pc ball valve with double acting pneumatic actuator & positioner
( Threaded NPT (N), & Socket Weld (S) end connections) TFM Seats

Actuators are sized for 150 psi pressure differential

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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<td>1620</td>
<td>93.4</td>
<td>J* E25D03</td>
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| 60 psig Minimum Actuator Air Supply = 6D |
| 1/2"  | 2.84 | 6.26 | 7.24 | 3.26 | 4.54 | 4.09 | 3.50 | 1.46 | 59  | ED25     | 18  | 14.5       | C* E65D03 |
| 3/4"  | 3.35 | 6.26 | 11.90| 3.26 | 4.66 | 4.09 | 3.50 | 1.46 | 79  | ED25     | 42  | 14.8       | D* E65D03 |
| 1"    | 3.62 | 6.26 | 12.29| 3.26 | 5.05 | 4.09 | 3.50 | 1.46 | 98  | ED25     | 74  | 15.9       | E* E65D03 |
| 1.1/2"| 4.84 | 7.09 | 13.35| 3.78 | 5.60 | 4.09 | 3.50 | 1.70 | 1.50| ED40     | 210 | 21.5       | F* E65D03 |
| 2"    | 5.59 | 7.09 | 13.70| 3.78 | 5.95 | 4.09 | 3.50 | 1.70 | 2.00| ED40     | 380 | 25.5       | G* E65D03 |
| 3"    | 7.95 | 8.70 | 15.46| 4.60 | 6.72 | 4.59 | 3.50 | 2.12 | 3.00| ED300    | 890 | 48.8       | H* E65D03 |
| 4"    | 9.06 | 12.01| 19.57| 7.12 | 8.35 | 4.09 | 3.50 | 3.41 | 4.02| ED350    | 1620| 93.4       | J* E65D03 |

Note: Dimensions “C” & “E” include a 3” high mounting bracket sizes 1/2"- 3” and a 4” high mounting bracket on 4” valve

*V200 = Carbon Stl Body, 316SS Trim
*V300 = 316SS Body & Trim
(1) End Connections: N=NPT, S=Socket Weld
(2) Ball Drilling: (3) 30’, (6) 60’
(3) Positioner: P5, E5, E5XP

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**V200 & V300 VALVE SPECIFICATIONS**

- V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
- 1500 WOG / 150 WSP
- Secondary Metal Seat
- Secondary Media Containment
- Swing Out Body Design
- Seats: TFM
- Max Temp: TFM Seats: 475°F

**PNEUMATIC ACTUATOR FEATURES**

- E Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

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V200F / V300F K4A-P420

V-Port 3-pc ball valve with electric actuator for throttling service
(Threaded NPT (N), & Socket Weld (S) end connections) TFM Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket sizes 1/2"- 3"
and a 4" high mounting bracket on 4" valve

V200 & V300 VALVE SPECIFICATIONS

- V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
- 1500 WOG / 150 WSP
- Secondary Metal Seat
- Secondary Media Containment
- Swing Out Body Design
- Seats: TFM
- Max Temp: TFM Seats: 475°F

ELECTRIC ACTUATORS FEATURES

- K Series electric actuator
- Actuator speed: 25 sec
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F

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V200F / V300F B7A-420 3 - 4

V-Port 3-pc ball valve with electric actuator, NEMA 7, 120vac
( Threaded NPT (N), & Socket Weld (S) end connections) TFM Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt. (lbs.)</th>
<th>Model No.</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket for 3" valve and a 4" high bracket for the 4" valve

V200 & V300 VALVE SPECIFICATIONS
- V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
- 1500 WOG / 150 WSP
- Secondary Metal Seat
- Secondary Media Containment
- Swing Out Body Design
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATORS FEATURES
- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F

*V200 = Carbon Stl Body, 316SS Trim
*V300 = 316SS Body & Trim
End Connections: N=NPT, S=Socket Weld
Ball Drilling: (3) 30°, (6) 60°
V200F / V300F B7A-420 .5 - 2

V-Port 3-pc ball valve with electric actuator, NEMA 7, 120vac
( Threaded NPT (N), & Socket Weld (S) end connections) TFM Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>Size</th>
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<th>D</th>
<th>E</th>
<th>F</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

*V200 = Carbon Stl Body, 316SS Trim
*V300 = 316SS Body & Trim
End Connections: N=npt, S=Socket Weld
Ball Drilling: (3) 30", (6) 60"

V200 & V300 VALVE SPECIFICATIONS
• V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
• 1500 WOG / 150 WSP
• Secondary Metal Seat
• Secondary Media Containment
• Swing Out Body Design
• Seats: TFM
• Max Temp: TFM Seats: 475°F

ELECTRIC ACTUATORS FEATURES
• B7 Series electric actuator
• NEMA 4, 4x, 7, & 9; CSA approved
• Weatherproof
• Class I Groups C and D, Div. 1
• Class II Groups E, F, & G
• (2) 1/2" NPT conduit entries
• Manual override
• Visual position indicator
• CSA certified
• 1/2" NPT conduit connection
• CSA-NRTL/C and CE certified
• Temperature range: 0°F to 175°F

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V200S / V300S ESR

V-Port 3-pc ball valve with double acting pneumatic actuator & positioner
( Threaded NPT (N), & Socket Weld (S) end connections) 50/50 Seats
Actuators are sized for 150 psi pressure differential

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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
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<th>Cv</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket sizes 1/2" - 3" and a 4" high mounting bracket on 4" valve

V200 & V300 VALVE SPECIFICATIONS
• V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
• 1500 WOG / 150 WSP
• Secondary Metal Seat
• Secondary Media Containment
• Swing Out Body Design
• Seats: 50/50
• Max Temp: 50/50 seats: 525°F

PNEUMATIC ACTUATOR FEATURES
• E Series spring return rack and pinion pneumatic actuator
• Corrosion resistant coating
• NAMUR solenoid mounting pad, ISO 5211 mounting standard
• Visual position indicator
• High duty cycle, permanent lubrication
• Temperature range: -4°F to 175°F

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V200S / V300S EDA

V-Port 3-pc ball valve with double acting pneumatic actuator & positioner
(Threaded NPT (N), & Socket Weld (S) end connections) 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>D</th>
<th>E</th>
<th>F</th>
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<th>Actuator</th>
<th>Cv</th>
<th>Wt.(lbs.)</th>
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Note: Dimensions “C” & “E” include a 3” high mounting bracket sizes 1/2" - 3” and a 4” high mounting bracket on 4” valve

V200 & V300 VALVE SPECIFICATIONS

- V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
- 1500 WOG / 150 WSP
- Secondary M etal Seat
- Secondary Media Containment
- Swing Out Body Design
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

PNEUMATIC ACTUATOR FEATURES

- E Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

Contact us for the most recent product and technical information. Visit our website for more details: assuredautomation.com
V200S / V300S K4A-P420

V-Port 3-pc ball valve with electric actuator for throttling service
(Threaded NPT (N), & Socket Weld (S) end connections) 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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Note: Dimensions “C” & “E” include a 3” high mounting bracket sizes 1/2”- 3” and a 4” high mounting bracket on 4” valve

V200 & V300 Valve Specifications
- V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
- 1500 WOG / 150 WSP
- Secondary Metal Seat
- Secondary Media Containment
- Swing Out Body Design
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

Electric Actuator Features
- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2” NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F

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V200S / V300S B7A-420 .5 - 1.5

V-Port 3-pc ball valve with electric actuator, NEMA 7, 120vac
(Threaded NPT (N), & Socket Weld (S) end connections) 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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Note: Dimensions "C" & "E" include a 3" high mounting bracket

V200 & V300 VALVE SPECIFICATIONS
- V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
- 1500 WOG / 150 WSP
- Secondary Metal Seat
- Secondary Media Containment
- Swing Out Body Design
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES
- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Quarter turn: 0-90° rotation
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F
**V200S / V300S B7A-420 2 - 4**

V-Port 3-pc ball valve with electric actuator, NEMA 7, 120vac
(Threads NPT (N), & Socket Weld (S) end connections) 50/50 Seats
Actuators are sized for 150 psi pressure differential

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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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Note: Dimensions "C" & "E" include a 3" high mounting bracket for 3" valve
d and a 4" high bracket for the 4" valve

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**V200 & V300 VALVE SPECIFICATIONS**

- V-Port Carbon Stl (V200) or 316SS body (V300) w/316 ss Trim
- 1500 WOG / 150 WSP
- Secondary Metal Seat
- Secondary Media Containment
- Swing Out Body Design
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

**ELECTRIC ACTUATORS FEATURES**

- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F

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### V350T_ESR

3-pc ball valve with spring return pneumatic actuator & positioner
T-Clamp end connections w/PTFE Seats
Actuators are sized for 150 psi pressure differential

![Diagram of V350T_ESR valve](image)

### DIMENSIONS, WEIGHTS & SPECIFICATIONS

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60 psig Minimum Actuator Air Supply – ES

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Note: Dimensions “C” & “E” include a 3” high mounting bracket sizes 1/2"- 3” and a 4” high mounting bracket on 4” valve

### V350T VALVE SPECIFICATIONS

- Standard Finish Ra30-35 min
- True Bore Port Design - eliminates pooling traces of media
- Full Body Cavity Fillers
- C.I.P. Valves: Clean in Place
- Swing-Out Body Design
- Seats: PTFE
- Max Temp: PTFE seats: 425°F

### PNEUMATIC ACTUATOR FEATURES

- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

Note: Dimensions “C” & “E” include a 3” high mounting bracket sizes 1/2"- 3” and a 4” high mounting bracket on 4” valve

- Ball Drilling: (3) 30˚, (6) 60˚
- C = Fail Close, O = Fail Open
- Positioner: P5, E5, E5XP
V350T_EDA

3-pc ball valve with spring return pneumatic actuator & positioner
T-Clamp end connections w/PTFE Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>Size</th>
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Note: Dimensions “C” & “E” include a 3” high mounting bracket sizes 1/2”- 3” and a 4” high mounting bracket on 4” valve

V350T VALVE SPECIFICATIONS
- Standard Finish Ra30-35 min
- True Bore Port Design - eliminates pooling traces of media
- Full Body Cavity Fillers
- C.I.P. Valves: Clean in Place
- Swing-Out Body Design
- Seats: PTFE
- Max Temp: PTFE seats: 425°F

PNEUMATIC ACTUATOR FEATURES
- E Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F
V350T_K4A P420 .5 - 2

3-pc ball valve with electric actuator for throttling service
T-Clamp end connections w/PTFE Seats
Actuators are sized for 150 psi pressure differential

Note: Dimensions "C" & "E" include a 3" high mounting bracket sizes 1/2" - 3"
and a 4" high mounting bracket on 4" valve

V350T VALVE SPECIFICATIONS
- Standard Finish Ra30-35 min
- True Bore Port Design - eliminates pooling traces of media
- Full Body Cavity Fillers
- C.I.P. Valves: Clean in Place
- Swing Out Body Design
- Seats: PTFE
- Max Temp: PTFE seats: 425°F

ELECTRIC ACTUATORS FEATURES
- K Series electric actuator
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL /C and CE certified

Contact us for the most recent product and technical information. Visit our website for more details: assuredautomation.com
V350T_B7A-420 .5 - 2

3-pc ball valve with electric actuator, NEMA 7, 120vac

T-Clamp end connections w/PTFE seats

Actuators are sized for 150 psi pressure differential

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DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
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<tr>
<th>Size</th>
<th>A</th>
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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

Ball Drilling: (3) 30°, (6) 60°

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V350T VALVE SPECIFICATIONS

- Standard Finish Ra30-35 min
- True Bore Port Design - eliminates pooling traces of media
- Full Body Cavity Fillers
- C.I.P. Valves: Clean in Place
- Swing Out Body Design
- Seats: PTFE
- Max Temp: PTFE seats: 425°F

---

ELECTRIC ACTUATOR FEATURES

- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Quarter turn: 0-90° rotation
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F

Contact us for the most recent product and technical information. Visit our website for more details: assuredautomation.com
V350T B7A-420 3 - 4

3-pc ball valve with electric actuator, NEMA 7, 120vac
T-Clamp end connections w/PTFE Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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DIMENSIONS, WEIGHTS & SPECIFICATIONS

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Note: Dimensions "C" & "E" include a 3" high mounting bracket for 3" valve and a 4" high bracket for the 4" valve

V350T VALVE SPECIFICATIONS

- Standard Finish: Ra30-35 min
- True Bore Port Design - eliminates pooling traces of media
- Full Body cavity fillers
- C.I.P. Valves: Clean in Place
- Swing Out Body Design
- Seats: PTFE
- Max Temp: PTFE: 425°F

ELECTRIC ACTUATORS FEATURES

- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F

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V150F_F ESR .5 - 2

V-Port ball valve with spring return pneumatic actuator & positioner

150# Flanged 2-pc body TFM Seats

Actuators are sized for 150 psi pressure differential

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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<th>F</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

* S = 316SS Body & Trim
  1 Ball Drilling: (3) 30", (6) 60"
  2 C=Fail Close, O=Fail Open
  3 Positioner: P5, E5, E5XP

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**V150 VALVE SPECIFICATIONS**

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

**PNEUMATIC ACTUATOR FEATURES**

- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

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**V150F_F ESR 3 - 8**

V-Port ball valve with spring return pneumatic actuator & positioner

150# Flanged 2-pc body TFM Seats

Actuators are sized for 150 psi pressure differential

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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<tr>
<th>Size</th>
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<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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80 psig Minimum Actuator Air Supply = 8S

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60 psig Minimum Actuator Air Supply = 6S

Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
1 Ball Drilling: (3) 30", (6) 60°
2 C=Fail Close, O=Fail Open
3 Positioner: P5, E5, E5XP

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**V150 VALVE SPECIFICATIONS**

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

---

**PNEUMATIC ACTUATOR FEATURES**

- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

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V150F_F EDA .5 - 2

V-Port ball valve with spring return pneumatic actuator & positioner

150# Flanged 2-pc body TFM Seats

Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
1 Ball Drilling: (3) 30°, (6) 60°
2 Positioner: P5, E5, E5XP

V150 VALVE SPECIFICATIONS

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

PNEUMATIC ACTUATOR FEATURES

- E Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

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V150F_F EDA 3 - 8

V-Port ball valve with double acting pneumatic actuator & positioner

150# Flanged 2-pc body TFM Seats

Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
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</table>

Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

*C = Carbon Stl Body, 316SS Trim  
*S = 316SS Body & Trim  
① Ball Drilling: (3) 30, (6) 60°  
② Positioner: P5, ES, ESXP

V150 VALVE SPECIFICATIONS

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket with Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

PNEUMATIC ACTUATOR FEATURES

- E Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F
V150F_F K4A-P420 .5 - 2

V-Port ball valve with electric actuator for throttling service
150# Flanged 2-pc body TFM Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

V150 VALVE SPECIFICATIONS
- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

ELECTRIC ACTUATOR FEATURES
- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F

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V150F_F K4A-P420 3 - 8

V-Port ball valve with electric actuator for throttling service

150# Flanged 2-pc body TFM Seats
Actuators are sized for 150 psi pressure differential

### DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
† Ball Drilling: (3) 30°, (6) 60°

### V150 VALVE SPECIFICATIONS

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API 607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

### ELECTRIC ACTUATOR FEATURES

- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F

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V150F_F B7A-420 .5 - 2

V-Port ball valve with electric actuator, NEMA 7, 120vac
150# Flanged 2-pc body TFM Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

* C = Carbon Stl Body, 316SS Trim
* S = 316SS Body & Trim
(1) Ball Drilling: (3) 30°, (6) 60°

V150 VALVE SPECIFICATIONS
- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

ELECTRIC ACTUATOR FEATURES
- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F
V150F_F B7A-420 3 - 8

V-Port ball valve with electric actuator, NEMA 7, 120vac
150# Flanged 2-pc body TFM seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt. (lbs.)</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim

V150 VALVE SPECIFICATIONS
- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

ELECTRIC ACTUATOR FEATURES
- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F

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**V150F_S ESR .5 - 2**

V-Port ball valve with spring return pneumatic actuator & positioner

150# Flanged 2-pc body 50/50 Seats

Actuators are sized for 150 psi pressure differential

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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<thead>
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<th>A</th>
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<th>C</th>
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<th>E</th>
<th>F</th>
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| 60 psig Minimum Actuator Air Supply = 6S |     |     |      |      |     |     |      |      |      |          |           |           |
| 1/2”  | 4.25| 6.77| 12.76| 3.26 | 4.54| 4.09| 3.50 | 1.93 | .59  | ES65     | 21.4      | CV150F_S  |
| 3/4”  | 4.62| 8.03| 12.92| 3.78 | 4.70| 4.09| 3.50 | 1.93 | .79  | ES65     | 22.4      | DV150F_S  |
| 1”    | 5.00| 9.80| 13.28| 4.19 | 5.06| 4.09| 3.50 | 1.93 | .98  | ES65     | 24.9      | EV150F_S  |
| 1-1/2”| 6.50|10.51| 15.37| 4.60 | 5.65| 4.09| 3.50 | 2.32 | 1.50 | ES200    | 44.1      | GV150F_S  |
| 2”    | 7.90|14.17| 17.12| 5.39 | 5.90| 4.09| 3.50 | 3.41 | 1.97 | ES500    | 67.8      | HV150F_S  |

Note: Dimensions “C” & “E” include a 3” high mounting bracket

* C = Carbon Stl Body, 316SS Trim
  * S = 316SS Body & Trim

† Ball Drilling: (3) 30”, (6) 60”
‡ C=Fail Close, O=Fail Open
§ Positioner: P5, E5, ESXP

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**V150 VALVE SPECIFICATIONS**

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

**PNEUMATIC ACTUATOR FEATURES**

- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

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V150F_S ESR 3 - 8
V-Port ball valve with spring return pneumatic actuator & positioner
150# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>Size</th>
<th>A</th>
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<th>D</th>
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<th>F</th>
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</table>

Note: Dimensions "C " & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

V150 VALVE SPECIFICATIONS
- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to AP607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

PNEUMATIC ACTUATOR FEATURES
- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F
V150F_S EDA .5 - 2

V-Port ball valve with double acting pneumatic actuator & positioner

150# Flanged 2-pc body 50/50 Seats

Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
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| 60 psig Minimum Actuator Air Supply = 8D |
| 1/2"  | 4.25| 6.26| 11.78| 3.26| 4.54| 4.09| 3.50| 1.46| 0.59| ED25     | 16.4      | CV150F * S  |
| 3/4"  | 4.62| 6.26| 11.94| 3.26| 4.70| 4.09| 3.50| 1.70| 0.79| ED25     | 17.4      | CV150F * S  |
| 1"    | 5.00| 6.26| 12.30| 3.26| 5.06| 4.09| 3.50| 1.93| 0.98| ED25     | 19.9      | CV150F * S  |
| 1-1/2"| 6.50| 7.83| 13.87| 4.19| 5.65| 4.09| 3.55| 1.93| 2.50| ED65     | 29.3      | CV150F * S  |
| 2"    | 7.88| 7.83| 14.12| 4.19| 5.90| 4.09| 3.50| 2.12| 2.97| ED100    | 37.3      | HV150F * S  |

Note: Dimensions “C” & “E” include a 3” high mounting bracket

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
① Ball Drilling: (3) 30°, (6) 60°
② Positioner: P5, E5, E5XP

V150 VALVE SPECIFICATIONS

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

PNEUMATIC ACTUATOR FEATURES

- E Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F
V150F_S EDA 3 - 8
V-Port ball valve with double acting pneumatic actuator & positioner
150# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>Size</th>
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<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
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</table>

Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

V150 VALVE SPECIFICATIONS
- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

PNEUMATIC ACTUATOR FEATURES
- E & P Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
1 Ball Drilling: (3) 30”, (6) 60”
2 Positioner: P5, E5, E5XP
V150F_S K4A-P420 .5 - 2

V-Port ball valve with electric actuator for throttling service
150# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
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<th>Model No.</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

* C = Carbon Stl Body, 316SS Trim
* S = 316SS Body & Trim
① Ball Drilling: (3) 30°, (6) 60°

V150 VALVE SPECIFICATIONS
- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES
- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual Position Indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F
V150F_S K4A-P420 3 - 8

V-Port ball valve with electric actuator for throttling service
150# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>F</th>
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<th>I</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3” valve and a 4” high mounting bracket on 4” - 8” valves

V150 VALVE SPECIFICATIONS

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Design and API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES

- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F

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V150F_S B7A-420 .5 - 1.5

V-Port ball valve with electric actuator, NEMA 7, 120vac
150# Flanged 2-pc body 50/50 seats
Actuators are sized for 150 psi pressure differential

V150 VALVE SPECIFICATIONS

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES

- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F

Contact us for the most recent product and technical information. Visit our website for more details: assuredautomation.com

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<tr>
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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt (lbs)</th>
<th>Model No.</th>
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<td>EM 310-30</td>
<td>37.5</td>
<td>GV150F * S B7A-420</td>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket
*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
○ Ball Drilling: (3) 30", (6) 60"
V150F_S B7A-420 2 - 8

V-Port ball valve with electric actuator, NEMA 7, 120vac

150# Flanged 2-pc body 50/50 seats

Actuators are sized for 150 psi pressure differential

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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<th>E</th>
<th>F</th>
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<th>I</th>
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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<th>Wt.(lbs.)</th>
<th>Model No.</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket on 2" & 3" valve and a 4" high mounting bracket on 4 - 8" valves

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim

---

**V150 VALVE SPECIFICATIONS**

- V150F Class 150
- Standard Steam Working Pressure: 150SWP, optional 300PSIG
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

**ELECTRIC ACTUATOR FEATURES**

- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F
**V300F_F ESR .5 - 2**

V-Port ball valve with spring return pneumatic actuator & positioner

300# Flanged 2-pc body TFM Seats

Actuators are sized for 150 psi pressure differential

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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<thead>
<tr>
<th>Size</th>
<th>A</th>
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<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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| 60 psig Minimum Actuator Air Supply = 6S |
| 1/2"  | 5.50 | 9.80| 12.76| 4.19 | 4.54 | 4.09 | 3.50 | 1.93 | .59  | ES65     | 22.4       | CV300F_F |
| 3/4"  | 6.00 | 9.80| 12.92| 4.19 | 4.70 | 4.09 | 3.50 | 1.93 | .79  | ES65     | 24.4       | DV300F_F |
| 1"    | 6.50 | 9.80| 13.28| 4.19 | 5.06 | 4.09 | 3.50 | 1.93 | .98  | ES65     | 27.4       | EV300F_F |
| 1-1/2"| 7.50 |14.17| 15.37| 5.39 | 5.65 | 4.09 | 3.50 | 2.52 | 1.50 | ES200    | 48.6       | GV300F_F |
| 2"    | 8.50 |14.17| 14.39| 5.39 | 5.90 | 4.09 | 3.50 | 2.52 | 1.97 | ES200    | 54.6       | HV300F_F |

Note: Dimensions “C” & “E” include a 3" high mounting bracket

* C = Carbon Stl Body, 316SS Trim
* S = 316SS Body & Trim
  ① Ball Drilling: (3) 30", (6) 60"  
  ② C=Fail Close, O=Fail Open  
  ③ Positioner: P5, E5, E5XP

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**V300 VALVE SPECIFICATIONS**

- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

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**PNEUMATIC ACTUATOR FEATURES**

- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

Contact us for the most recent product and technical information. Visit our website for more details: assuredautomation.com
V300F_F ESR 3 - 8

V-Port ball valve with spring return pneumatic actuator & positioner

300# Flanged 2-pc body TFM Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>G</th>
<th>H</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
</tr>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

V300 VALVE SPECIFICATIONS
- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

PNEUMATIC ACTUATOR FEATURES
- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
① Ball Drilling: (3) 30°, (6) 60°
② C=Fail Close, O=Fail Open
③ Positioner: P5, E5, E5XP
V300F_F EDA .5 - 2
V-Port ball valve with double acting pneumatic actuator & positioner
300# Flanged 2-pc body TFM Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
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<td>80 psig Minimum Actuator Air Supply = 8D</td>
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</table>
| 1/2"  | 5.50 | 6.26 | 11.78| 3.26 | 4.54 | 4.09 | 3.50 | 1.46 | .59  | ED25     | 17.4      | CV300F * F8D
| 3/4"  | 6.00 | 6.26 | 11.94| 3.26 | 4.70 | 4.09 | 3.50 | 1.46 | .79  | ED25     | 19.4      | DV300F * F8D
| 1"    | 6.50 | 6.26 | 12.30| 3.26 | 5.06 | 4.09 | 3.50 | 1.46 | .98  | ED25     | 22.4      | EV300F * F8D
| 1-1/2"| 7.50 | 7.09 | 13.40| 3.78 | 5.65 | 4.09 | 3.50 | 1.70 | 1.50 | ED40     | 32.5      | GV300F * F8D
| 2"    | 8.50 | 7.83 | 14.12| 4.19 | 5.90 | 4.09 | 3.50 | 1.93 | 1.97 | ED65     | 39.8      | HV300F * F8D
| 60 psig Minimum Actuator Air Supply = 6D |
| 1/2"  | 5.50 | 6.26 | 11.78| 3.26 | 4.54 | 4.09 | 3.50 | 1.46 | .59  | ED25     | 17.4      | CV300F * F6D
| 3/4"  | 6.00 | 6.26 | 11.94| 3.26 | 4.70 | 4.09 | 3.50 | 1.46 | .79  | ED25     | 19.4      | DV300F * F6D
| 1"    | 6.50 | 6.26 | 12.30| 3.26 | 5.06 | 4.09 | 3.50 | 1.46 | .98  | ED25     | 22.4      | EV300F * F6D
| 1-1/2"| 7.50 | 7.83 | 13.40| 4.19 | 5.65 | 4.09 | 3.50 | 1.93 | 1.50 | ED40     | 33.8      | GV300F * F6D
| 2"    | 8.50 | 7.83 | 14.12| 4.19 | 5.90 | 4.09 | 3.50 | 1.93 | 1.97 | ED65     | 39.8      | HV300F * F6D

Note: Dimensions "C" & "E" include a 3" high mounting bracket
*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
① Ball Drilling: (3) 30', (6) 60'
② Positioner: P5, E5, E5XP

V300 VALVE SPECIFICATIONS
- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

PNEUMATIC ACTUATOR FEATURES
- E Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

Contact us for the most recent product and technical information. Visit our website for more details: assuredautomation.com
V300F_F EDA 3 - 8

V-Port ball valve with double acting pneumatic actuator & positioner

300# Flanged 2-pc body TFM Seats

Actuators are sized for 150 psi pressure differential

**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
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<td>5.39</td>
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<td>2.52</td>
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<td>82.3</td>
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<td>18.12</td>
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<td>ED1600</td>
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</tbody>
</table>

Note: Dimensions "C " & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
* Ball Drilling: (3) 30˚, (6) 60˚
* Positioner: P5, E5, E5XP

**V300 VALVE SPECIFICATIONS**

- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

**PNEUMATIC ACTUATOR FEATURES**

- E Series double acting rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F
**V300F_F K4A-P420 .5 - 2**

V-Port ball valve with electric actuator for throttling service

300# Flanged 2-pc body TFM Seats

Actuators are sized for 150 psi pressure differential

---

**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
① Ball Drilling: (3) 30°, (6) 60°

---

**V300 VALVE SPECIFICATIONS**

- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

---

**ELECTRIC ACTUATOR FEATURES**

- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual Position Indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F
V300F_S K4A-P420 3 - 8

V-Port ball valve with electric actuator for throttling service

300# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
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<th>WL(lbs.)</th>
<th>Model No.</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim

V300 VALVE SPECIFICATIONS

- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES

- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F

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V300F_F B7A-420 .5 - 2

V-Port ball valve with electric actuator, NEMA 7, 120vac

300# Flanged 2-pc body TFM Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
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<tbody>
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<td>12.04</td>
<td>6.25</td>
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<td>EM310-30</td>
<td>28.0</td>
<td>CV300F_F F B7A-420</td>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
① Ball Drilling: (3) 30', (6) 60'

V300 VALVE SPECIFICATIONS
- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

ELECTRIC ACTUATOR FEATURES
- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2” NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- 1/2” NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 175°F

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V300F_F B7A-420 3 - 8

V-Port ball valve with electric actuator, NEMA 7, 120vac

300# Flanged 2-pc body TFM seats
Actuators are sized for 150 psi pressure differential

**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

**V300 VALVE SPECIFICATIONS**

- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: TFM
- Max Temp: TFM seats: 475°F

**ELECTRIC ACTUATOR FEATURES**

- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F

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V300F_S ESR .5 - 2

V-Port ball valve with spring return pneumatic actuator & positioner

300# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

### Dimensions, Weights & Specifications

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>Actuator</th>
<th>Wt. (lbs.)</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 psig Minimum Actuator Air Supply = 8S</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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| 60 psig Minimum Actuator Air Supply = 6S |
| 1/2" | 5.50 | 9.80 | 12.76 | 4.19 | 4.54 | 4.09 | 3.50 | 1.93 | .59 | ES55 | 22.4 | CV300F * S 5 E6S |
| 3/4" | 6.00 | 9.80 | 12.92 | 4.19 | 4.70 | 4.09 | 3.50 | 1.93 | .79 | ES65 | 24.4 | DV300F * S 6 E6S |
| 1" | 6.50 | 9.80 | 13.28 | 4.19 | 5.06 | 4.09 | 3.50 | 1.93 | .98 | ES65 | 27.4 | EV300F * S 6 E6S |
| 1-1/2" | 7.50 | 14.17 | 15.37 | 5.39 | 5.65 | 4.09 | 3.50 | 2.32 | 1.50 | ES200 | 48.6 | GV300F * S 6 E6S |
| 2" | 8.50 | 14.17 | 15.62 | 5.39 | 5.90 | 4.09 | 3.50 | 3.41 | 1.97 | ES200 | 71.8 | HV300F * S 6 E6S |

Note: Dimensions "C" & "E" include a 3" high mounting bracket
*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
1 Ball Drilling: (3) 30°, (6) 60°
2 C=Fail Close, O=Fail Open
3 Positioner: P5, E5, E5XP

### V300 Valve Specifications
- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

### Pneumatic Actuator Features
- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

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V300F_S ESR 3 - 8

V-Port ball valve with spring return pneumatic actuator & positioner

300# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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Note: Dimensions "C" & "E" include a 3" high mounting bracket on 3" valve and a 4" high mounting bracket on 4" - 8" valves

V300 VALVE SPECIFICATIONS
- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

PNEUMATIC ACTUATOR FEATURES
- E Series spring return rack and pinion pneumatic actuator
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicator
- High duty cycle, permanent lubrication
- Temperature range: -4°F to 175°F

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
† Ball Drilling: (3) 30˚, (6) 60˚
‡ C =Fail Close, O =Fail Open
§ Positioner: P5, E5, E5X
V300F_S EDA .5 - 2

V-Port ball valve with double acting pneumatic actuator & positioner

300# Flanged 2-pc body 50/50 Seats

Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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Note: Dimensions “C” & “E” include a 3” high mounting bracket

‡ Ball Drilling: (3) 30°, (6) 60°

V300 VALVE SPECIFICATIONS

• V300F Class 300
• Standard Steam Working Pressure: 300SWP
• Protected Seat Design
• Fire Safe Designed to API607-5
• Spiral Wound Body Gasket w/Secondary metal to metal seat
• Carbon Steel or Stainless Steel Body
• Seats: 50/50
• Max Temp: 50/50 seats: 525°F

PNEUMATIC ACTUATOR FEATURES

• E Series double acting rack and pinion pneumatic actuator
• Corrosion resistant coating
• NAMUR solenoid mounting pad, ISO 5211 mounting standard
• Visual position indicator
• High duty cycle, permanent lubrication
• Temperature range: -4°F to 175°F

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**V300F_S EDA 3 - 8**

V-Port ball valve with double acting pneumatic actuator & positioner

300# Flanged 2-pc body 50/50 Seats

Actuators are sized for 150 psi pressure differential

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**DIMENSIONS, WEIGHTS & SPECIFICATIONS**

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<th>D</th>
<th>E</th>
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60 psig Minimum Actuator Air Supply = 6D

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Note: Dimensions “C " & " E" include a 3” high mounting bracket on 3” valve and a 4” high mounting bracket on 4" - 8" valves

*C = Carbon Stl Body, 316SS Trim  
*S = 316SS Body & Trim  
① Ball Drilling: (3) 30’, (6) 60’  
② Positioner: PS, ES, E5XP

---

**V300 VALVE SPECIFICATIONS**

- V300F Class 300  
- Standard Steam Working Pressure: 300SWP  
- Protected Seat Design  
- Fire Safe Designed to API607-5  
- Spiral Wound Body Gasket w/Secondary metal to metal seat  
- Carbon Steel or Stainless Steel Body  
- Seats: 50/50  
- Max Temp: 50/50 seats: 525°F

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**PNEUMATIC ACTUATOR FEATURES**

- E Series double acting rack and pinion pneumatic actuator  
- Corrosion resistant coating  
- NAMUR solenoid mounting pad, ISO 5211 mounting standard  
- Visual position indicator  
- High duty cycle, permanent lubrication  
- Temperature range: -4°F to 175°F
V300F_S K4A-P420 .5 - 2
V-Port ball valve with electric actuator for throttling service
300# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

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Note: Dimensions "C" & "E" include a 3" high mounting bracket

V300 VALVE SPECIFICATIONS
- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES
- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F

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V300F_S K4A-P420 3 - 8

V-Port ball valve with electric actuator for throttling service

300# Flanged 2-pc body 50/50 Seats
Actuators are sized for 150 psi pressure differential

Note: Dimensions “C” & “E” include a 3” high mounting bracket on 3” valve and a 4” high mounting bracket on 4” - 8” valves

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
ixo Ball Drilling: (3) 30°, (6) 60°

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
<th>Actuator</th>
<th>Wt.(lbs.)</th>
<th>Model No.</th>
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<tbody>
<tr>
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<td>13.95</td>
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<td>JV300F * S</td>
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<td>20.41</td>
<td>9.53</td>
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V300 VALVE SPECIFICATIONS

- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES

- K Series electric actuator
- Actuator speed: 25 sec.
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL Labs
- ISO 5211 mounting standard
- Visual position indicator
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F

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V300F_S B7A-420 .5 - 1.5
V-Port ball valve with electric actuator, NEMA 7, 120vac
150# Flanged 2-pc body 50/50 seats
Actuators are sized for 150 psi pressure differential

DIMENSIONS, WEIGHTS & SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>I</th>
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Note: Dimensions "C" & "E" include a 3" high mounting bracket

*C = Carbon Stl Body, 316SS Trim
*S = 316SS Body & Trim
○ Ball Drilling: (3) 30", (6) 60"

V300 VALVE SPECIFICATIONS
- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES
- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F
V300F_S B7A-420 2 - 8

V-Port ball valve with electric actuator, NEMA 7, 120vac
300# Flanged 2-pc body 50/50 seats
Actuators are sized for 150 psi pressure differential

V300 VALVE SPECIFICATIONS
- V300F Class 300
- Standard Steam Working Pressure: 300SWP
- Protected Seat Design
- Fire Safe Designed to API607-5
- Spiral Wound Body Gasket w/Secondary metal to metal seat
- Carbon Steel or Stainless Steel Body
- Seats: 50/50
- Max Temp: 50/50 seats: 525°F

ELECTRIC ACTUATOR FEATURES
- B7 Series electric actuator
- NEMA 4, 4x, 7, & 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F, & G
- (2) 1/2" NPT conduit entries
- Manual override
- Visual position Indicator
- CSA certified
- Temperature range: 0°F to 175°F

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