W.E. Anderson Series 2V

Pneumatic Pilot Valves are compact, combination Two-Way/Three-Way globe valves. Minimal actuator volume and short valve stroke combine to deliver quick, positive action. Ideal for use in boosting response time of diaphragm actuators or as lock-in/lock-out devices.

**Suggested Specification**

Pneumatic Pilot Valve shall be 2-Way/3-Way design in compact size. Body shall be precision-machined Cast Bronze suitable for air, water, gas or steam service with tight shutoff at maximum fluid operating pressures. Actuator shall be of rugged Cast Iron construction with readily accessible spring compression nuts permitting easy pneumatic range adjustment. Pneumatic Pilot Valve shall be W.E. Anderson Model No.____ configured for (2-Way, Air-To-Close) (2-Way, Air-To-Open) (3-Way) operation.

### MODELS

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<th>MODEL NUMBER</th>
<th>OPERATION</th>
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<tr>
<td>2VA14000</td>
<td>TWO-WAY AIR-TO-CLOSE</td>
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<tr>
<td>2VB14000</td>
<td>TWO-WAY AIR-TO-OPEN</td>
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<td>2VJ14000</td>
<td>THREE-WAY</td>
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### SPECIFICATIONS

**Valve Body**

**Service:** Compatible liquids, gases, and steam.

**Line Size:** 1/4”.

**Body Style:** 2-way or 3-way globe.

**End Connections:** Female NPT.

**Pressure Limit:** Gases and liquids: 100 psi (7.00 bar) @ 170°F (77°C), Steam: 60 psi (4.14 bar) @ 274°F (134°C).

**Wetted Materials:**

- **Body Material:** Bronze.
- **Trim:** Composition.
- **Stuffing Box:** Brass.
- **Packing:** Rope.

**Temperature Limits:**

- **Gases and liquids:** 170°F (77°C), Steam: 274°F (134°C).

**Flow Rate:** Cv is 1.5 at 100% open.

**Weight:** 2.6 lb (1.2 kg).

**Actuator**

- **Type:** Pneumatic spring/diaphragm.
- **Control Signal:** 0 to 30 psi (0 to 2.07 bar).
- **Air Connection:** 1/8” female NPT.
- **Diaphragm:** Natural rubber, cotton insert.
- **Diaphragm Support Plate, Housing, Yoke:** Cast Iron.
- **Spring:** Plated Steel.
- **Temperature Limit:** 150°F (66°C).

**USA:** California Proposition 65

⚠️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov