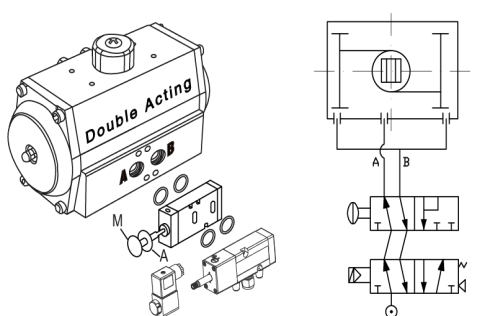


**Introduction of ABV001\***

ABV series block and vent device is installed between the actuator and solenoid valve, which is used to manually "Block and Vent" the air supply to the actuator. The device is usually in the application of the pneumatic + manual control valve system. When the control valve is on the manual operation position, the device could immediately isolate the actuator from the air supply, at the same time venting all compressed air from the chambers of the actuators. When the control valve is on pneumatic operation position, the device connects the actuator with air supply to ensure the automation of pneumatic valve. The device is available both for double acting and spring return actuators.

**Features & Benefits**

| Model No.                       | ABV001   | Installation Instruction  |
|---------------------------------|--|---|
| Materials in contact with fluid | Aluminum, Brass, Buna NBR  |  <p>On the "A" position: the knob close to the body, the actuator (port A and B) are open to solenoid valve.<br/>On the "B" position: the knob far from the body, the actuator (port A and B) are close to the solenoid valve, and venting all compressed air from the chambers of the actuators.</p> |
| Coating                         | Anodized Coated  |   |
| Seal                            | NBR  |   |
| Assembly and Connection         | 24x32 Namur Connection, In-line is available with plate adaptor      |   |
| Function                        | Block/Vent (Available for double acting and spring return actuators) |   |
| Vent Port                       | 1/8" or 1/4" BSP   |   |
| Working Medium                  | Less Than 40µm Filtered and Dried Air                                |   |
| Maximum Orifice of Flux         | Φ 5.6 (24mm <sup>2</sup> )   |   |
| CV                              | 1.4  |   |
| Working Temperature             | -20°C - 80°C   |   |
| Working Pressure                | 0~8 bar  |   |

**Dimensional Drawing**

