

## Z173/Z175 SS Series 3/2 (5/2) Way Pilot Operated Pneumatic Directional Type Solenoid Valve

### Features

1. Universal purpose, ancillary supplies for pneumatic valve
2. Valve body material: Aluminum alloy
3. Max. action frequency: 5 times/s
4. Max. pressure tolerance: 10.5kgf/cm<sup>2</sup>
5. Leakage: 0 ml/min
6. Ambient temp.: -15~75°C
7. Max. Kinematic viscosity value: ≤25CSt (mm<sup>2</sup>/s)
8. Pilot operated piston structure, operating pressure differential is required
9. Mounted at any angle, medium should be filtered by 40um strainer mesh
10. Voltage: AC220/AC230/AC240V 50/60Hz, DC24, tolerance ±10%, customization accepted

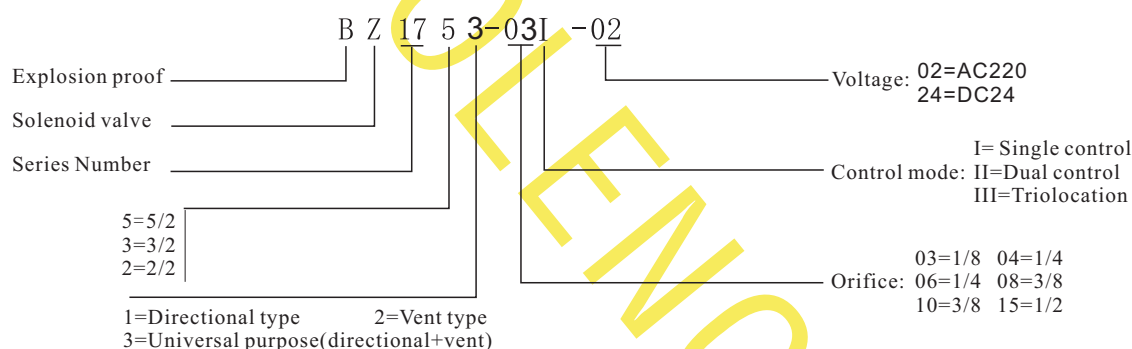


Z1753-04 I 02

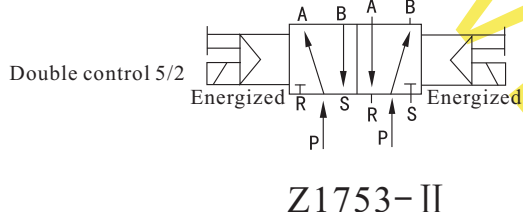
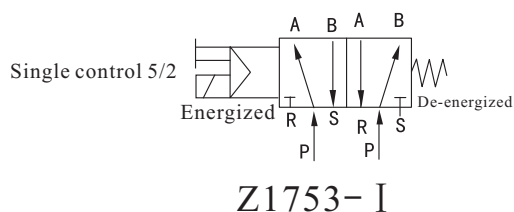
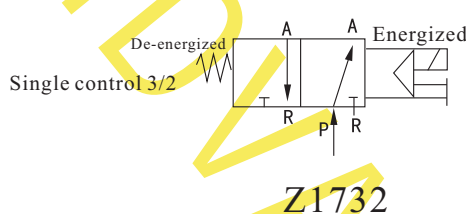
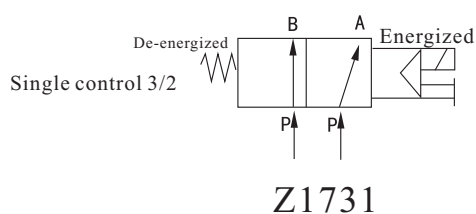


Z1753-06 I 02-bn

### Order code-- model code instruction ( different from normal solenoid valve)



### Action Diagram



## Z173/Z175 SS Series 3/2 (5/2) Way Pilot Operated Pneumatic Directional Type Solenoid Valve

### Parameter&Dimension

| Model<br>Code | Pipe<br>Connection | Orifice<br>mm | Kv<br>Value<br>m³/h | Operating Pressure Differential<br>(kgf/cm²) |      |    |     |    |  |  |         | Applicable<br>Medium<br>Temp.<br>℃ | Coil<br>Grade          | Coil<br>Configuration | Power     |           | Dimension |  | WT<br>(kg) |
|---------------|--------------------|---------------|---------------------|----------------------------------------------|------|----|-----|----|--|--|---------|------------------------------------|------------------------|-----------------------|-----------|-----------|-----------|--|------------|
|               |                    |               |                     | Min.                                         | Max. |    |     |    |  |  |         |                                    |                        |                       | VA<br>220 | W<br>24   | L×W×H     |  |            |
|               |                    |               |                     |                                              | Air  |    | Gas |    |  |  |         |                                    |                        |                       |           |           |           |  |            |
|               |                    |               |                     |                                              | AC   | DC | AC  | DC |  |  |         |                                    |                        |                       |           |           |           |  |            |
| Z1732-1.5     | G1/8"              | 1.5           | 0.26                | 0.8                                          | 10   | 10 | 10  | 10 |  |  | I:-9~80 | Class<br>F*                        | Normal Y<br>Special BZ | 4.5                   | 3         | 27×18×62  | 0.2       |  |            |
| Z1731-03      | G1/8"              | 3.0           | 0.66                | 1.7                                          | 8    | 8  | 8   | 8  |  |  |         |                                    |                        | 4.5                   | 3         | 27×18×62  | 0.2       |  |            |
| Z1731-04      | G1/4"              | 4.0           | 0.76                | 1.7                                          | 8    | 8  | 8   | 8  |  |  |         |                                    |                        | 4.5                   | 3         | 27×18×62  | 0.2       |  |            |
| Z1753-03      | G1/8"              | 3.0           | 0.66                | 1.7                                          | 8    | 8  | 8   | 8  |  |  |         |                                    |                        | 4.5                   | 3         | 27×18×99  | 0.2       |  |            |
| Z1753-04      | G1/4"              | 4.0           | 0.76                | 1.7                                          | 8    | 8  | 8   | 8  |  |  |         |                                    |                        | 4.5                   | 3         | 27×18×115 | 0.2       |  |            |
| Z1753-06      | G1/4"              | 6.0           | 1.2                 | 1.7                                          | 8    | 8  | 8   | 8  |  |  |         |                                    |                        | 4.5                   | 3         | 27×18×115 | 0.2       |  |            |
| Z1753-08      | G3/8"              | 8.0           | 1.4                 | 1.7                                          | 8    | 8  | 8   | 8  |  |  |         |                                    |                        | 4.5                   | 3         | 35×22×115 | 0.3       |  |            |
| Z1753-10      | G3/8"              | 10            | 11                  | 1.7                                          | 8    | 8  | 8   | 8  |  |  |         |                                    |                        | 4.5                   | 3         | 40×27×185 | 0.5       |  |            |
| Z1753-15      | G1/2"              | 15            | 21                  | 1.7                                          | 8    | 8  | 8   | 8  |  |  |         |                                    |                        | 4.5                   | 3         | 50×34×214 | 0.6       |  |            |

Note1: This series of solenoid valves must be equipped with pneumatic FRL( details on page 58)

Note2: F\* stands for Insulation class F



Air units: 1. Pneumatic dual: air filter & regulator+ lubricator  
2. Pneumatic trio: air filter+ regulator+ lubricator



Z1753-04 I 02-6F( 6pcs assembly)  
Normal: 2~8pcs assembly, more than 9 pcs should be customized

### Special Configurations

|                            |                           |                                                  |
|----------------------------|---------------------------|--------------------------------------------------|
| Bz173: Ex version Coil     | Bz175: Ex version Coil    | Z173-D: With LED Indicator                       |
| Z175-D: With LED Indicator | Z175-□-bn: plate mounting | Z173(5)-II: Double coils( dual electric control) |