

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

Features

01. General purpose domestic type, supporting products for pneumatic valve and Y type angle seated valve
02. Body material: aluminium alloy
03. Max. action frequency: 5 times/s
04. Max. pressure tolerance: 10 kgf/cm²
05. Leakage: 0 ml/min
06. Ambient temperature: -15~75°C
07. Kinematic viscosity value of applicable medium: ≤25 cSt (mm²/s)
08. Pilot operated piston structure, operated pressure differential is required
09. Mounted at any angle, the medium needs to be filtered through a 40 micron (400 mesh) filter screen
10. Normal voltage: AC220/AC230/AC240V 50/60Hz, DC24V, allowable tolerance ±10%, customization accepted

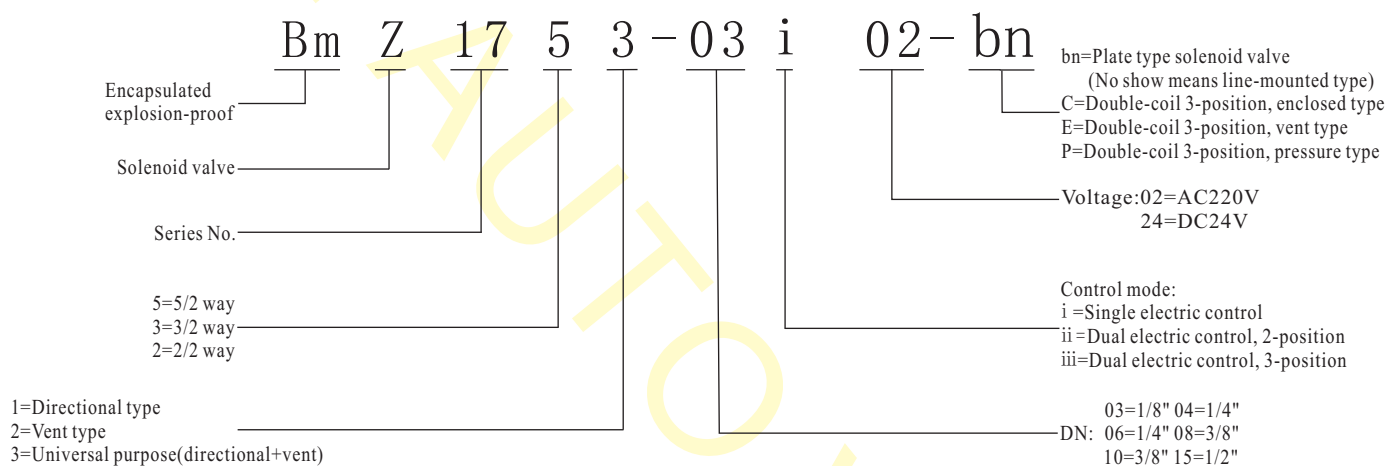


Z1753-04i02-D
Line-mounted Solenoid Valve



Z1753-06i02-bn-D
Plate Type Solenoid Valve

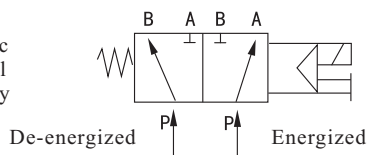
Order Code Instruction (different from normal solenoid valves)



Action Diagram

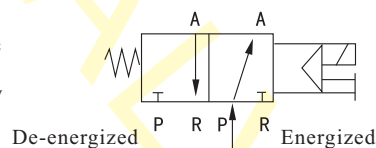
C: Enclosed type---under the initial state, both ports A and B are blocked
E: Vent type---under the initial state, both ports A and B are vented
P: Pressure type---under the initial state, both ports A and B are connected

Single Electric Control
3/2 Way



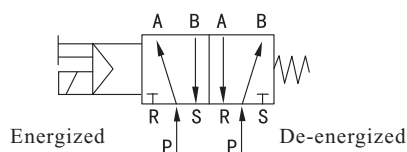
Z1731

Single Electric Control
3/2 Way



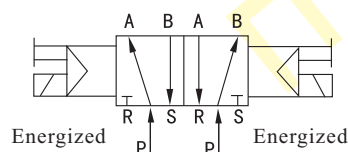
Z1732

Single Electric Control
5/2 Way



Z1753-i

Double Electric Control
5/2 Way



Z1753-ii

Double electric control, 2-position: under the initial state, either A or B is open; when the left coil is energized and the port A is open. After the left coil is de-energized, the port A keeps open until the right coil is energized.

Double electric control, 3-position: when both sides are energized at the same time, the valve position remains in place. That is, when the right coil is energized after the left coil is energized, it is still that the left path is open.

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Parameter&Dimension

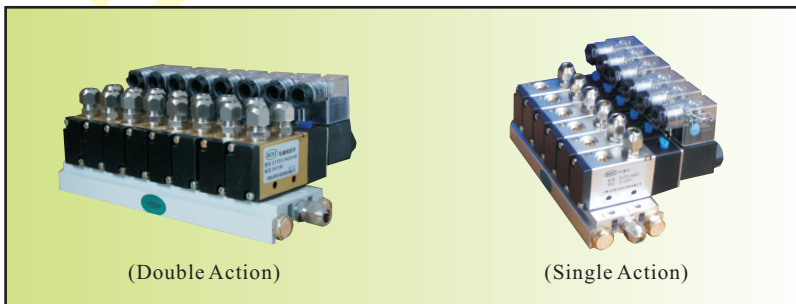
Model Code	Thread Conne- ction	Silencer Port	Orifice mm	Kv Value m³/h	Operating Pressure Differential (kgf/cm²)			Temp. Fluid Applicable °C	Grade Insulation	Grade Protection	Configuration Coil	Configuration proof Explosion	Power		Dimension	WT (kg)
					Min.	Max.							A×B×H			
						Air, Gas										
						AC	DC									
Z1732-1.5	G1/8"	G1/8"	1.5	0.26	0.8	10	10	Ib: -9 ~ 80	F	Normal IP65	Normal Y Special BmZ	BmZ	4.5	3	27×18×62	0.2
Z1731-03	G1/8"	G1/8"	3.0	0.66	1.7	8	8						4.5	3	27×18×62	0.2
Z1731-04	G1/4"	G1/4"	4.0	0.76	1.7	8	8						4.5	3	27×18×62	0.2
Z1753-03	G1/8"	G1/8"	3.0	0.66	1.7	8	8						4.5	3	27×18×99	0.2
Z1753-04	G1/4"	G1/8"	4.0	0.76	1.7	8	8						4.5	3	27×18×115	0.2
Z1753-06	G1/4"	G1/4"	6.0	1.20	1.7	8	8						4.5	3	27×18×115	0.2
Z1753-08	G3/8"	G1/4"	8.0	1.40	1.7	8	8						4.5	3	35×22×115	0.3
Z1753-10	G3/8"	G1/4"	10	11	1.7	8	8						4.5	3	40×27×185	0.5
Z1753-15	G1/2"	G1/2"	15	21	1.7	8	8						4.5	3	50×34×214	0.6

Notes: 1. This series of solenoid valves must be equipped with pneumatic dual or trio (see P055 of this manual for details).

2. G thread is the conventional thread, and ZG(PT), NPT and other threads can be customized according to users' requirements.



Pneumatic dual=air filter®ulator+lubricator
Pneumatic trio=air filter+regulator+lubricator



Z1753-04i02-8F(8pcs assembly) Z1753-04i02-6F(6pcs assembly)
Normal: assembly for ordering 2~8pcs, customization for ordering more than 9 pcs



BmZ1753-06i24-bn



Z1753-06ii02

Special Configurations

BmZ173/5: Encapsulated explosion-proof	QZ173/5: Pneumatic directional type solenoid valve	Z173/5-D: With indicator
Z173/5-M: With rain-proof coil IP67	Z173/5-bn: Plate mounting	Z173/5-ii: Double coils (dual electric control)