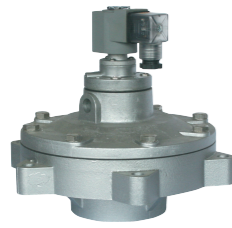


UME Series Flooding Valve



● UME-76

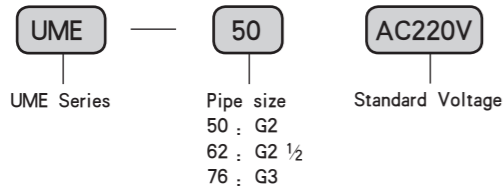


● UME-62



● UME-50

● Ordering Code



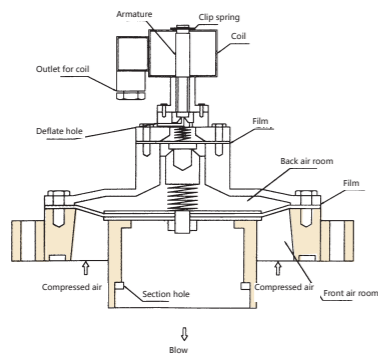
■ Product Introduction

This solenoid pulse valve is a flood type valve (also called inset valve). It is directly installed on the air bag with good straight blast and less lost of working air source. It is applied to the situation with wide range of air source pressure.

■ Technical Parameter

| Item \ Specification | UME-50 | UME-62 | UME-76 |
|-------------------------|---|--------|--------|
| Material of Body | Aluminum Alloy | | |
| Operating Method | Film Pilot | | |
| Pressure Range | 0.2 ~ 0.6MPa | | |
| Medium Temperature | -5 ~ 60°C | | |
| Specified Voltage | AC12V, AC24V, AC36V, AC110V, AC220V, AC380V, DC12V, DC24V, DC110V | | |
| Operating Voltage Range | ±10% | | |
| Min. Activating Time | 0.05S | | |

■ Figure Dimension



| Type mm | Pipe Size | Length mm | Width mm | Height mm |
|---------|-----------|-----------|----------|-----------|
| UME-50 | G2 | 250 | 250 | 210 |
| UME-62 | G2½ | 230 | 230 | 200 |
| UME-76 | G3 | 210 | 190 | 200 |

ZF-A Series Angel-seat Valve



● ZF-A-35



● ZF-A-40



● ZF-A-50



● ZF-A-15

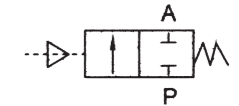


● ZF-A-20

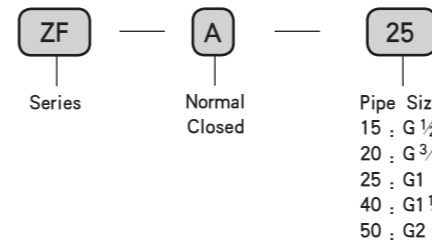


● ZF-A-25

■ Graphics Sign



● Ordering Code



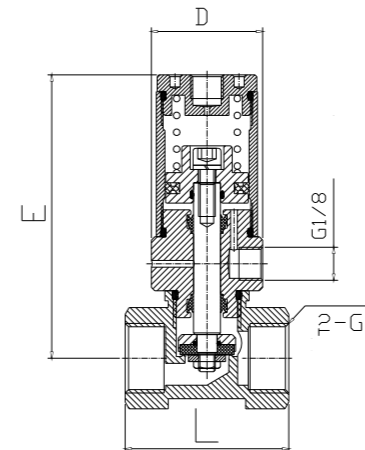
■ Character

This flashback valve adopts the air operated model control, with long life, perform reliably, Easy to operate and it is suitable in the place which refuses the power source.

■ Technical Parameter

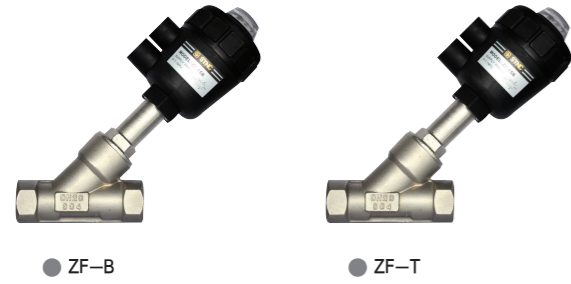
| Item \ Specification | ZF-A-15 | ZF-A-20 | ZF-A-25 | ZF-A-35 | ZF-A-40 | ZF-A-50 |
|------------------------|-------------------------------|---------|---------|---------|---------|---------|
| Material of Body | Brass | | | | | |
| Operating Method | Plunger pilot | | | | | |
| Pipe Size | G 1/2 | G 3/4 | G1 | G1 1/4 | G1 1/2 | G2 |
| Nominal Diameter (mm) | 23 | | | 34 | | |
| Applicable Medium | Air, Water, Oil (50CST Below) | | | | | |
| Pressure Range | 0 ~ 0.8Mpa | | | | | |
| Medium Temperature | -5°C ~ 60°C (No Freeze) | | | | | |
| Control Pressure Range | 0.3 ~ 0.8Mpa | | | | | |

■ Figure Dimension

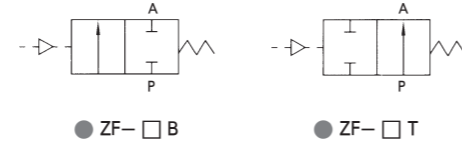


| Specification | L | D | G | E |
|---------------|-----|-------|-----|-----|
| DN15 | 48 | ø30 | G½ | 84 |
| DN20 | 55 | ø36.5 | G¾ | 91 |
| DN25 | 68 | ø44.6 | G1 | 96 |
| DN35 | 84 | ø70 | G1¼ | 140 |
| DN40 | 84 | ø70 | G1½ | 140 |
| DN50 | 100 | ø70 | G2 | 145 |

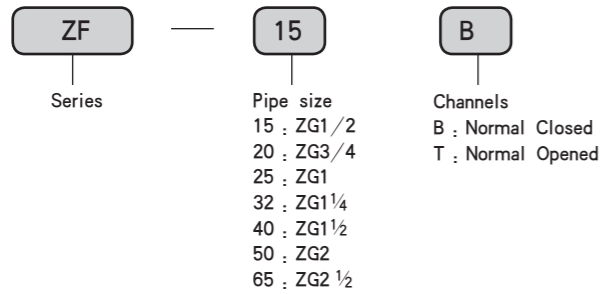
ZF Angel-Seat Valve



Graphics Sign



Ordering Code



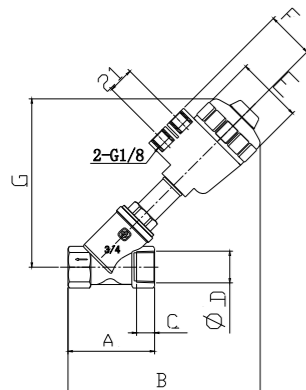
Specific Property

Has indicator for location of open or close of valve, external pilot witch can prolong the service life, no leak for 500 million times, free maintenance, has adjustable airproof cover between relief orifice and slide block. Material of body: stainless steel. Control air source: neutral gas, air.

Technical Parameter

| Item \ Specification | Normal Closed | ZF-15B | ZF-20B | ZF-25B | ZF-32B | ZF-40B | ZF-50B | ZF-65B |
|---------------------------|-------------------------------------|---------|---------|---------|----------|---------|----------|--------|
| | Normal Opened | ZF-15T | ZF-20T | ZF-25T | ZF-32T | ZF-40T | ZF-50T | ZF-65T |
| Material of Body | Stainless Steel | | | | | | | |
| Operating Method | Plunger Pilot | | | | | | | |
| Applicable Medium | Air, Water, Oil, Steam(50CST Below) | | | | | | | |
| Pipe Size | ZG1/2 | ZG3/4 | ZG1 | ZG1 1/4 | ZG1 1/2 | ZG2 | ZG2 1/2 | |
| Nominal Diameter mm | 13 | 20 | 25 | 32 | 40 | 50 | 65 | |
| Kv (m ³ /h) | 4.2 | 8 | 19 | 27.5 | 42 | 55 | 90 | |
| Pressure Range MPa | 0 ~ 1.6 | 0 ~ 1.1 | 0 ~ 1.1 | 0 ~ 1.5 | 0 ~ 1.25 | 0 ~ 1.1 | 0 ~ 0.52 | |
| Min. Control Pressure MPa | 0.39 | 0.39 | 0.42 | 0.5 | 0.44 | 0.32 | 0.32 | |
| Actuator Dimension φ mm | 50 | 50 | 63 | 80 | 100 | 125 | 125 | |

Figure Dimension



| Pipe Size φ D | Nominal Diameter (mm) | Actuator Dimension φ mm | A | B | C | φ E | F | G |
|---------------|-----------------------|-------------------------|-----|-----|----|-----|----|-----|
| G1/2 | 13 | 50 | 85 | 173 | 12 | 64 | 44 | 137 |
| G3/4 | 20 | 50 | 95 | 178 | 12 | 64 | 44 | 145 |
| G1 | 25 | 63 | 105 | 212 | 14 | 80 | 52 | 173 |
| G1 1/4 | 32 | 63 | 142 | 236 | 16 | 80 | 52 | 189 |
| G1 1/2 | 40 | 63 | 130 | 230 | 18 | 80 | 52 | 189 |
| G2 | 50 | 63 | 150 | 238 | 20 | 80 | 52 | 205 |
| G2 1/2 | 65 | 80 | 250 | 250 | 22 | 100 | 62 | 240 |

Note : The Above Flowing Direction is Inverse for the Valve Roller [G1 1/4, G1 1/2, G2] with Execuator Dimension of φ 63.

ZF Angel-Seat Valve

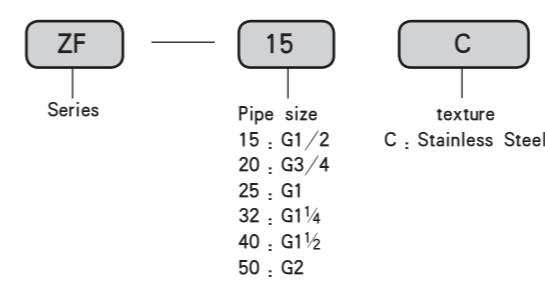
Stainless Steel



Graphics Sign



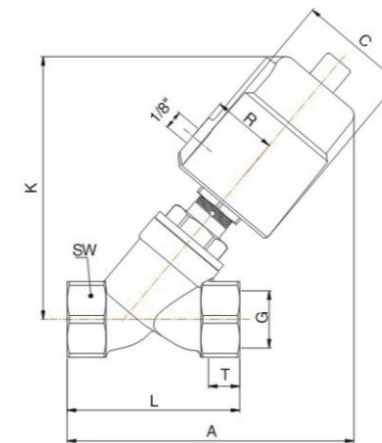
Ordering Code



Specific Property

In a non-working state, due to the spring force, valve normally open (normally closed). when the piston is effected by compressed air, Valve open (off). Double-acting form by compression molding gas control valve switch. ZF-C series of products with large flow, small flow resistance characteristics of water hammer. Y-type design flow increased by 30%. Long life. Stem automatic calibration, automatic lubrication, maintenance-free. Actuator made of stainless steel, more excellent in harsh environments, 360 degree rotation.

Figure Dimension



Technical Parameter

| Item \ Specification | ZF-C |
|--------------------------|---|
| Using fluid pressure | Max 1.6MPa |
| Control air pressure | 0.3~0.8MPa |
| Control gas source media | Neutral gas or air |
| Body Material | CF8M/CF8 |
| Sealing materials | PTFE |
| Cylinder material | CF8 |
| For media | Water, alcohol, oil, fuel, neutral gas or a liquid, acid solution, etc. |
| Medium viscosity | Max 600mm/s |
| Medium temperature | -10°C~180°C |
| Ambient temperature | -10°C~80°C |
| Control form | Single acting normally closed, normally open, double acting normally closed, double acting free state |
| Link form | Threaded |

| Specification | Actuator Specifications | Path (mm) | Flow value kv(m ³ /h) | Differential pressure range (Mpa) | Control pressure (Mpa) | C | R | K | G | T | A | L | SW |
|---------------|-------------------------|-----------|----------------------------------|-----------------------------------|------------------------|------|----|-----|--------|----|-----|-----|----|
| ZF-15C | 50 | 13 | 6.3 | 0~1.6 | ≥ 0.3 | 50.5 | 27 | 112 | G1/2 | 15 | 124 | 68 | 27 |
| ZF-20C | 50 | 18 | 11.5 | 0~1.6 | ≥ 0.3 | 60 | 33 | 132 | G3/4 | 16 | 140 | 75 | 32 |
| ZF-25C | 63 | 24 | 20.6 | 0~1.6 | 0.3~0.4 | 75 | 41 | 162 | G1 | 17 | 172 | 90 | 40 |
| ZF-32C | 63 | 31 | 30.3 | 0~1.6 | 0.3~0.6 | 75 | 41 | 174 | G1 1/4 | 21 | 190 | 116 | 50 |
| ZF-40C | 63 | 35 | 42.3 | 0~1.6 | 0.3~0.7 | 75 | 41 | 175 | G1 1/2 | 21 | 190 | 116 | 56 |
| ZF-50C | 63 | 45 | 60.7 | 0~1.6 | 0.3~0.7 | 75 | 41 | 175 | G2 | 22 | 230 | 138 | 69 |