Pneumatic Wafer Type Triple Eccentric Butterfly Valve

Sanitary three-piece all-inclusive ball valve

Sanitary three-piece all-inclusive ball valve

Three-piece high platform female threaded ball valve

Pneumatic female threaded three-piece ball valve

Pneumatic international flange ball valves

Flanged Butterfly Valve

Butterfly valve with positioner

BLW PNEUMATIC

ZHEJIANG BLW PNEUMATIC TECHNOLOGY CO

Product Selection Guide

BLW PNEUMATIC

ZHEJIANG BLW PNEUMATIC TECHNOLOGY CO

Company Profile

BLW Pneumatic Co., Ltd. is located in Wengyang, Yueqing City, China, which is the hometown of Nanshi. The environment is elegant and the transportation is convenient. It is a professional company specializing in the research and development, production and sales of electromagnetic pulse valves, SC cylinders, manual/pneumatic/electrical devices and all kinds of valves.

The company has more than ten years of production experience, exquisite craftsmanship, quality and complete variety of specifications. Products are widely used in machinery, textile, chemical, environmental protection, food and other fields. The company regards quality as life, and takes the production of first-class products as our goal. We organize production, testing, sales and after-sales service with IS09001 quality management system. The company has excellent machinery and equipment, advanced production technology, strong technical force, complete testing means, and a sound after-sales service system. We adhere to the principle of “quality first, customer first” to provide each customer with high quality and all-round service. Ouerli people attach great importance to reputation, quality and service, and our products have novel structure, leading technology and excellent quality, which are highly trusted and praised by our customers. At present, our products have been exported to the Philippines, Vietnam, Laos, Myanmar, Thailand, Malaysia, Indonesia and Pakistan and other countries and regions.

We are willing to join hands with all friends who care about Balivo and trust Balivo to create a brilliant tomorrow!

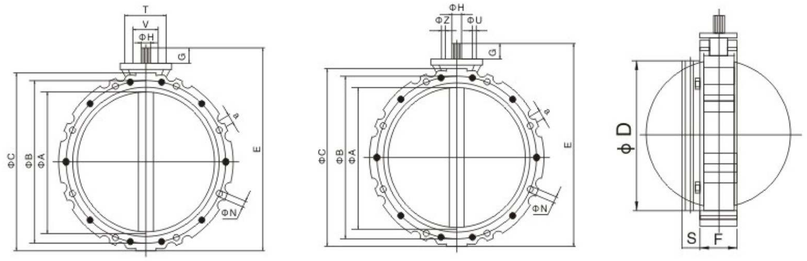
BLW

BLW Pneumatic

Committed to the application and development of pneumatic components

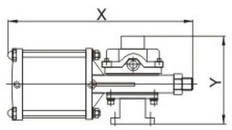
We firmly believe that high-quality products professional production process advanced machinery and equipment and excellent management team, will be the strongest backing for your products!

Relying on the development of science and technology, and constantly providing users with satisfactory products is our unchanging pursuit.



BV1F Monoflange Butterfly Valve												
MODEL	ϕA	ϕB	ϕC	E	F+S	V	T	ϕH	G	ϕZ	ϕU	ϕN
BV1F100	95	180	220	250	115	50	80	22	35	M10	M12	4–14
BV1F150	150	200	228	290	115	50	80	22	35	M10	M12	4–14
BV1F200	200	250	270	340	115	50	80	22	35	M10	M12	4–14
BV1F250	250	300	328	390	115	50	80	22	35	M10	M12	8–14
BV1F300	300	350	378	440	115	50	80	22	35	M10	M12	8–14
BV1F350	350	400	440	530	123	50	80	28	38	M10	M12	8–14
BV1F400	400	470	530	580	123	50	80	28	35	M10	M12	8–14

Pneumatic Actuator



Model	X	Y
CP101	290	136
CP126	380	160

Installation maintenance

. Valves are factory pre-assembled and tested.
. Since this valve has an aluminum body, do not place heavy objects on the valve when transporting or storing it.
. The working temperature is less than 80°C and the material density is less than 1.3T/m3.
. Please use a thin layer of liquid to seal the flange before installation.
. When installing, fix the valve on (screw pump, conveyor belt, vibrating feed bin or similar device) Please use long enough stud bolts to connect the upper connecting flange, the valve itself and the lower connecting flange, do not make the valve internal screw bolt force, otherwise it may cause the two valve bodies to split and damage the valve.
. Work on the electrical connections and maintenance of the valve must be done by a specialized technician.
. Safety precautions:Do not put your hands inside the valve during valve operation! Install safety irons, etc. on the equipment to avoid damage!
. Maintenance:Check once a week if the material is conveyed smoothly and if there is any sludge. Thoroughly clean the contact parts if necessary!
. Before disassembling for maintenance, make sure that the air supply and power supply are completely disconnected!
. If there is any unclear matter, please contact us in time to avoid unnecessary loss.

Fault and solutions

First, the valve can not open or always open	
1.1 The material condenses into lumps	Remove valves and clean thoroughly and reinstall
1.2 Excessive weight on the valve plate	Reduce the weight of the material in the tank
1.3 Pneumatic actuator using air pressure is too low	Check compressed air lines, equipment, etc. for leaks.
1.4 Damaged solenoid valve	Replace coil if burned out or replace solenoid valve.
Second, the valve leakage is not closed tightly	
2.1 Valve cannot be completely closed	Loosen the limit bolts 1 turn, or more.
2.2 Seat seals are worn	Replacement of seals
2.3 Actuator life is exhausted	Replace seal or actuator
Third, the valve position signal malfunction	
3.1 No signal for valve position	Check if the feedback device is adjusted in place
3.2 Valve position signal open and close opposite	Reverse the wiring sequence
3.3 Damaged feedback device	Replace the feedback device

Please contact us for any faults not mentioned above.

Product Brief

Pneumatic dust butterfly valve is composed of a special side-pushing cylinder and aluminum alloy butterfly valve designed by ourcompany, and this product has obtained many national patents. Butterfly valve body consists of high-pressure aluminum alloy valve body, deformable wear-resistant rubber ring, away from the molecular composite butterfly valve. It is the ideal product to close the silo of material box, hopper and silo with powdery or granular materials, etc. It is widely used in the fields of cement powder transmission in co-ncrete mixing station and dust removal in steel plant. Due to the special structure of this valve and the use of engineered materials, it is always a very economical and efficient choice.

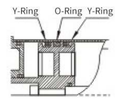
Main features

. Pneumatic Dust Butterfly Valve overall design is exquisite, more than 80% of the parts are uniformly used in aluminum alloy materials, light weight.
. Adopting the special cylinder for dust butterfly valve designed by our company, it can cut off or open the materials in silo and hopper at the speed of signal.
. The cylinder adopts Y-ring + O-ring combination sealing structure, which greatly increases the service life of the cylinder.
. The valve body consists of two high-pressure die-casting half valve bodies, which are made of aluminum alloy. The valve ring is designed in U shape, which enhances its deformation sealing ability, and has the function of automatic replenishment for wear and tear, which is resistant, efficient, and can reach zero leakage.
. Aluminum alloy rotary butterfly plate and valve spindle adopt one-piece die-casting molding, which makes installation more convenient.
. With a top flange and a removable pipe connection, suitable for connecting a flexible casing, easy to connect the discharge.
. Often installed underneath hoppers, bins, silos, screw pumps or other types of conveyors, and connected to pneumatic conveying piping. According to the site conditions, the drive mechanism can choose pneumatic, electric, hydraulic, worm gear drive and other control methods.

Technical parameter

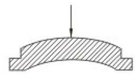
Model	BVF100 BVF150 BVF200 BVF250 BVF300 BVF350 BVF400				
Working Pressure	0.4-0.7MPa				
Driving mode	Pneumatic, electric, manual, worm gear drive, etc.				
Applicable temperature	-20°C-+80°C				
Applicable medium	Cement, materials and other powder media				
Valve body	Die-casting aluminum alloy				
Disc plate	Wear-resistant composite materials				
Stem	2Cr13, 45#, stainless steel				
Valve seat	Wear-resistant rubber				
Standard	Design Specification	Structure Length	Flange Size	Inspection Tests	Pneumatic device
	ITALY	ITALY	ITALY	GB/T13927	JB/T8864

Unique structure

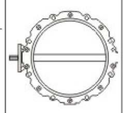


The cylinder adopts the combination of Y-ring and O-ring, which makes the cylinder seal more reliable and durable.

Splined joints for durability and ease of adjustment

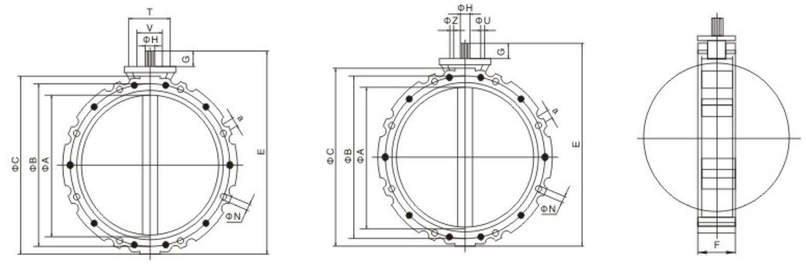


The valve seat adopts bow-shaped design to ensure the reliability of sealing, wear resistance, and automatic compensation.



Aluminum alloy valve body adopts one-piece die-casting molding to make the whole product more lightweight

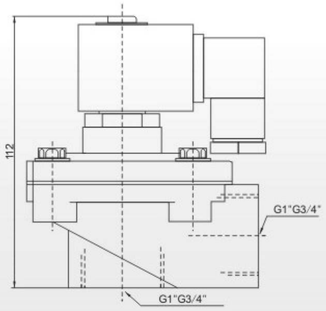
Connecting flange size

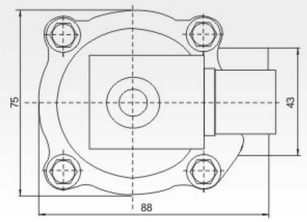


BV2F Bi-Flange Butterfly Valve												
MODEL	ϕA	ϕB	ϕC	E	F	V	T	ϕH	G	ϕZ	ϕU	ϕN
BV2F100	95	180	220	250	77	50	80	22	35	M10	M12	4–14
BV2F150	150	200	228	290	77	50	80	22	35	M10	M12	4–14
BV2F200	200	250	270	340	77	50	80	22	35	M10	M12	4–14
BV2F250	250	300	328	390	77	50	80	22	35	M10	M12	8–14
BV2F300	300	350	378	440	77	50	80	22	35	M10	M12	8–14
BV2F350	350	400	440	530	85	50	80	28	38	M10	M12	8–14
BV2F400	400	470	530	580	85	50	80	28	35	M10	M12	8–14

AMF-Z-20,25

Right-angle Electro-magnetic Pulse Valve



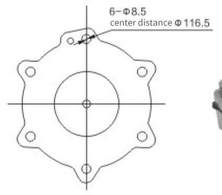


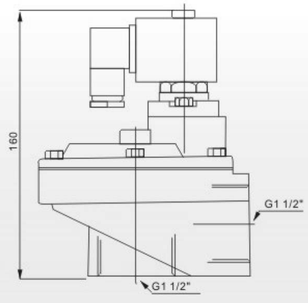
Technical Parameter

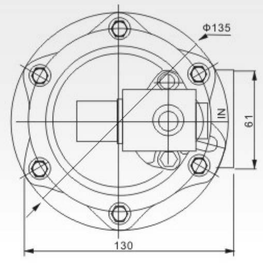
Model No	AMF-Z-20	AMF-Z-25
Operating pressure	0.3~ 0.8MPa	
Ambient temperature	-5~55℃	
Relative humidity	<85%	
Fluid	Clean air	
Voltage	AC110V / AC220V / DC24V	
Electric current	0.46A / 0.23A / 0.8A ± 10%	
Diaphragm life	Overone million cycles	
Diameter	Φ20	Φ25
Port size	G3/4"	G1"

AMF-Z-40S

Right-angle Electro-magnetic Pulse Valve





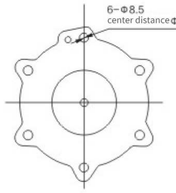


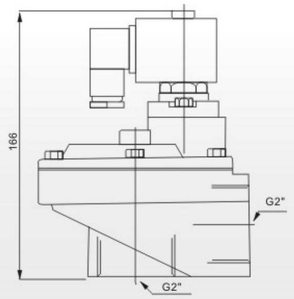
Technical Parameter

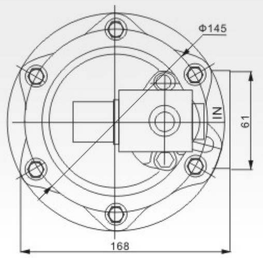
Model No	AMF-Z-40S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ40
Port size	G1 1/2"

AMF-Z-50S

Right-angle Electro-magnetic Pule Valve





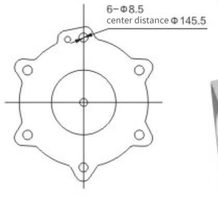


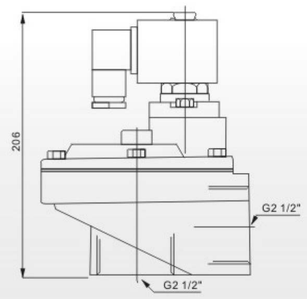
Technical Parameter

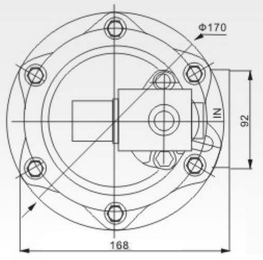
Model No	AMF-Z-50S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ50
Port size	G2"

AMF-Z-62S

Right-angle Electro-magnetic Pule Valve





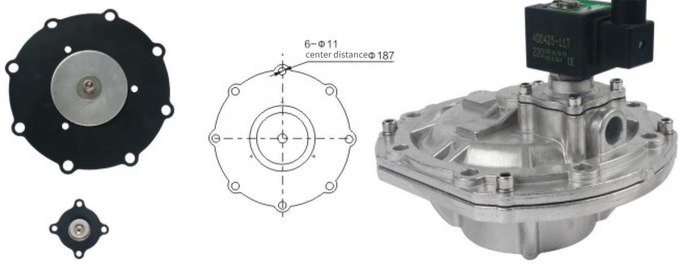


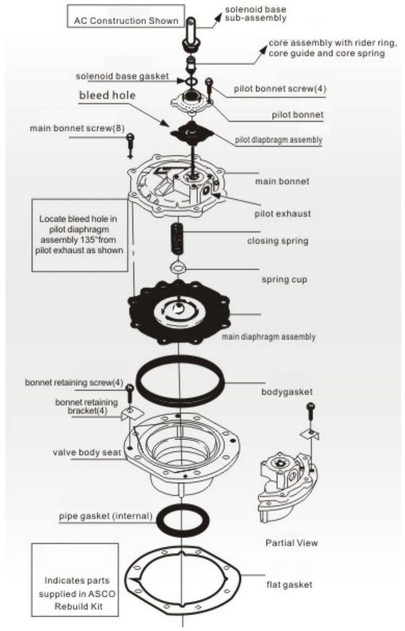
Technical Parameter

Model No	AMF-Z-62S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ62
Port size	G2 1/2"

AMF-Y-76S

In Line Solenoid Pulse Valve



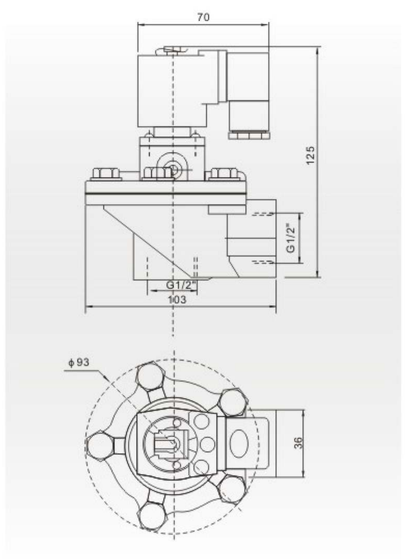


Technical Parameter

Model No	AMF-Y-76S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ76
Port size	G3"

DMF-Z-15,20

Right-angle Electro-magnetic Pulse Valve

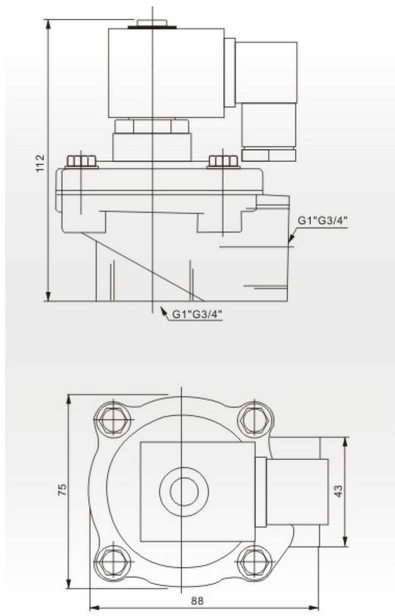


Technical Parameter

Model No	DMF-Z-15	DMF-Z-20
Operating pressure	0.3~ 0.8MPa	
Ambient temperature	-5~55℃	
Relative humidity	<85%	
Fluid	Clean air	
Voltage	AC110V / AC220V / DC24V	
Electric current	0.46A / 0.23A / 0.8A ± 10%	
Diaphragm life	Overone million cycles	
Diameter	Φ15	Φ20
Port size	G1/2"	G3/4"

DMF-Z-20J/25J

Right-angle Electro-magnetic Pulse Valve

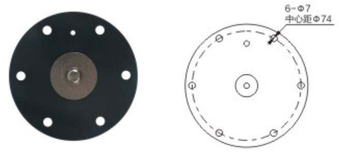


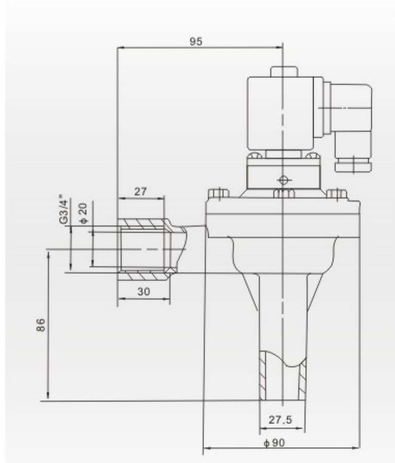
Technical Parameter

Model No	DMF-Z-20J	DMF-Z-25J
Operating pressure	0.3~ 0.8MPa	
Ambient temperature	-5~55℃	
Relative humidity	<85%	
Fluid	Clean air	
Voltage	AC110V / AC220V / DC24V	
Electric current	0.46A / 0.23A / 0.8A ± 10%	
Diaphragm life	Overone million cycles	
Diameter	Φ20	Φ25
Port size	G3/4"	G1"

DMF-Z-20A

Right-angle Electro-magnetic Pulse Valve



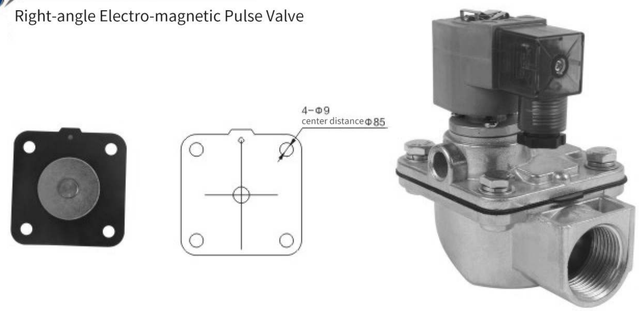


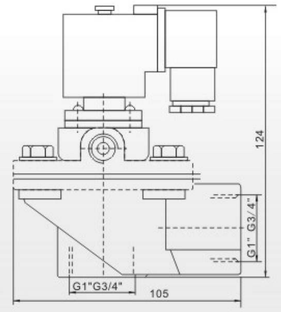
Technical Parameter

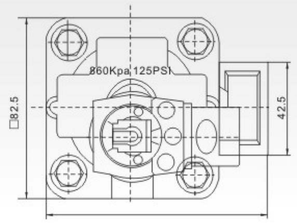
Model No	DMF-Z-20A
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ20
Port size	G3/4"

DMF-Z-20,25

Right-angle Electro-magnetic Pulse Valve





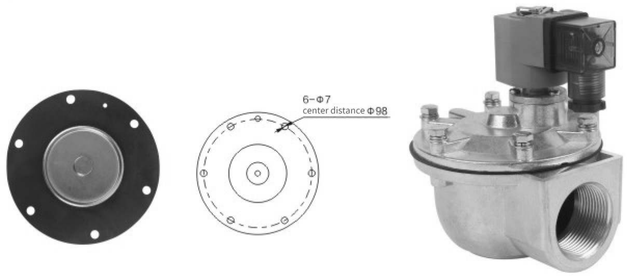


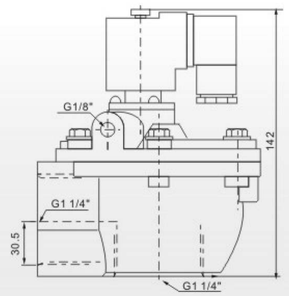
Technical Parameter

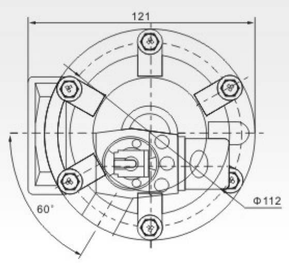
Model No	DMF-Z-20	DMF-Z-25
Operating pressure	0.3~ 0.8MPa	
Ambient temperature	-5~55℃	
Relative humidity	<85%	
Fluid	Clean air	
Voltage	AC110V / AC220V / DC24V	
Electric current	0.46A / 0.23A / 0.8A ± 10%	
Diaphragm life	Overone million cycles	
Diameter	Φ20	Φ25
Port size	G3/4"	G1"

DMF-Z-35

Right-angle Electro-magnetic Pulse Valve





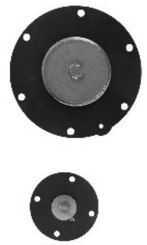


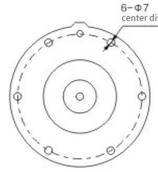
Technical Parameter

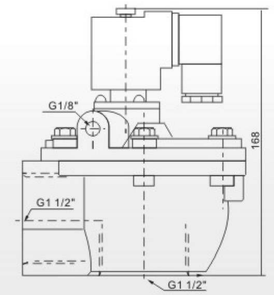
Model No	DMF-Z-35
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ35
Port size	G1 1/4"

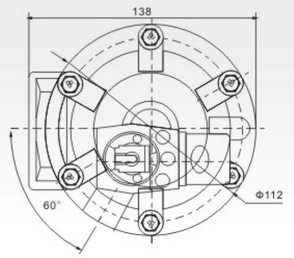
DMF-Z-40S

Right-angle Electro-magnetic Pulse Valve







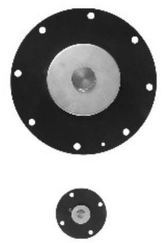


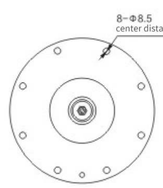
Technical Parameter

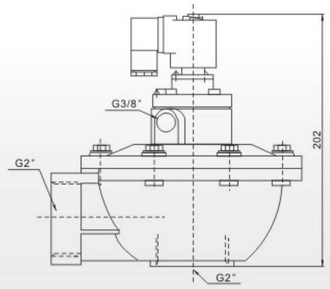
Model No	DMF-Z-40S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ45
Port size	G1 1/2"

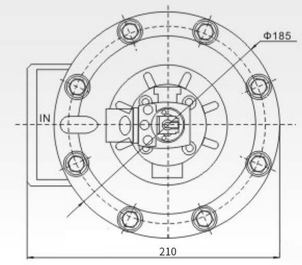
DMF-Z-50S

Right-angle Electro-magnetic Pulse Valve







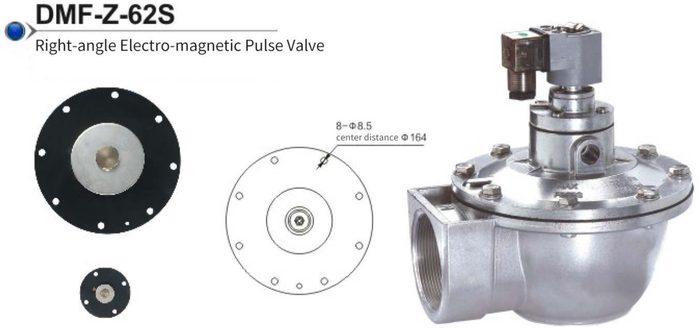


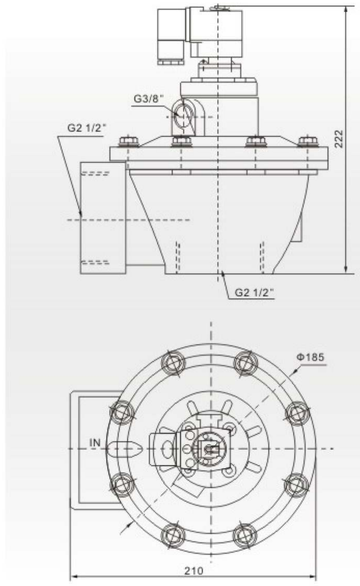
Technical Parameter

Model No	DMF-Z-50S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ50
Port size	G2"

DMF-Z-62S

Right-angle Electro-magnetic Pulse Valve



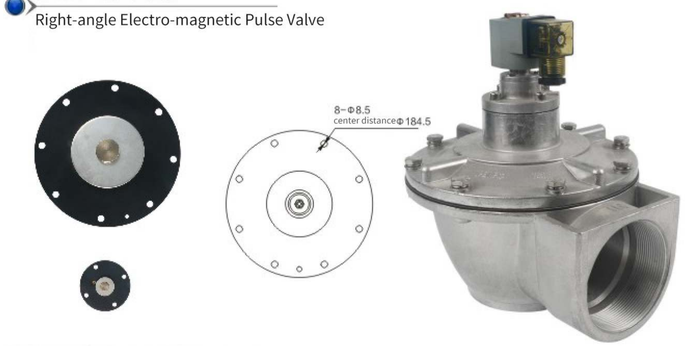


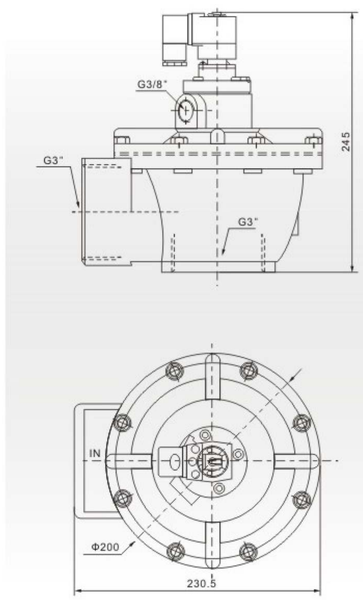
Technical Parameter

Model No	DMF-Z-62S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ62
Port size	G2 1/2"

DMF-Z-76S

Right-angle Electro-magnetic Pulse Valve



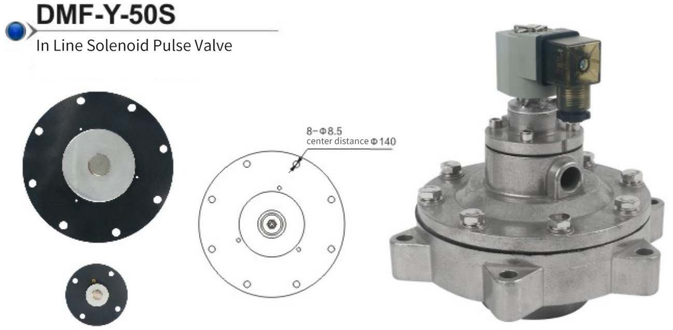


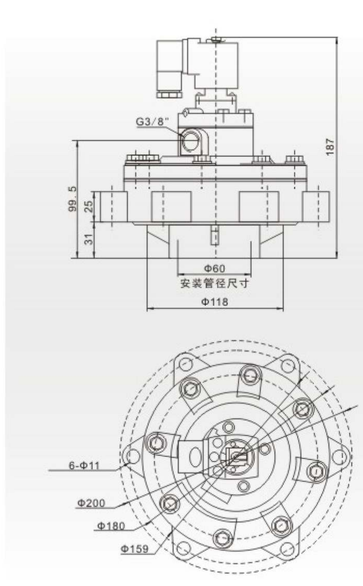
Technical Parameter

Model No	DMF-Z-76S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ76
Port size	G3"

DMF-Y-50S

In Line Solenoid Pulse Valve



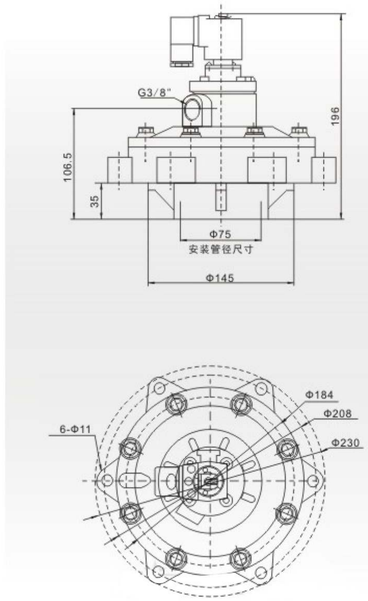


Technical Parameter

Model No	DMF-Y-50S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ50
Port size	G2"

DMF-Y-62S

In Line Solenoid Pulse Valve

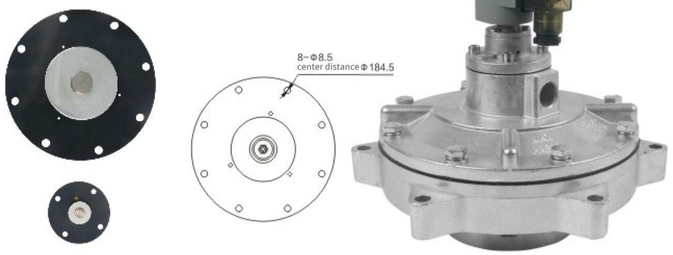


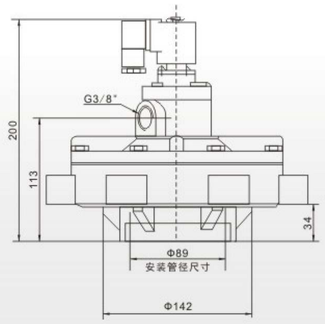
Technical Parameter

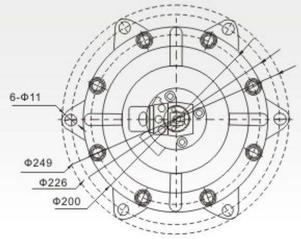
Model No	DMF-Y-62S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ62
Port size	G2 1/2"

DMF-Y-76S

In Line Solenoid Pulse Valve





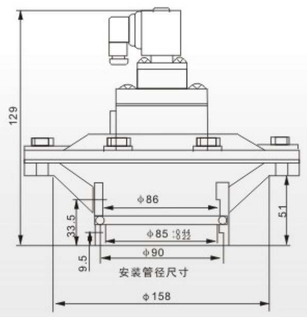


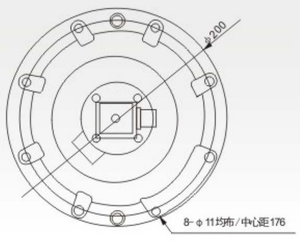
Technical Parameter

Model No	DMF-Y-76
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ76
Port size	G3"

DMF-Y-89S

In Line Solenoid Pulse Valve



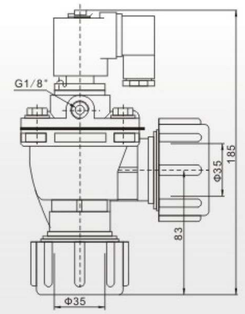


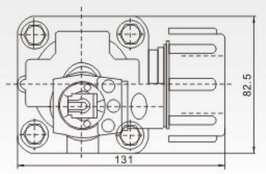
Technical Parameter

Model No	DMF-Y-89S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ89
Port size	G3"

DMF-Z-25DD

Right-angle Electro-magnetic Pulse Valve



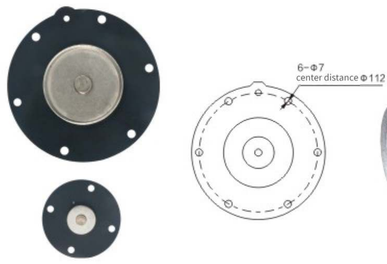


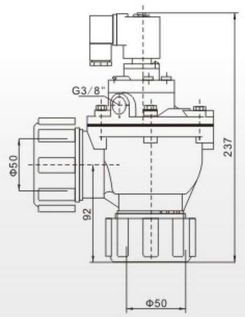
Technical Parameter

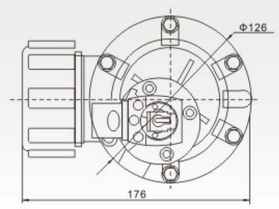
Model No	DMF-Z-25DD
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ25
Port size	G1"

DMF-Z-45DD

Right-angle Electro-magnetic Pulse Valve





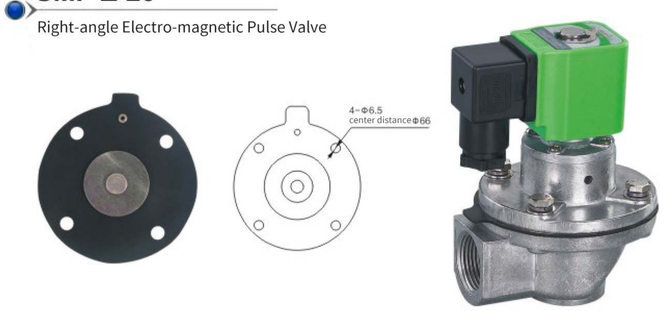


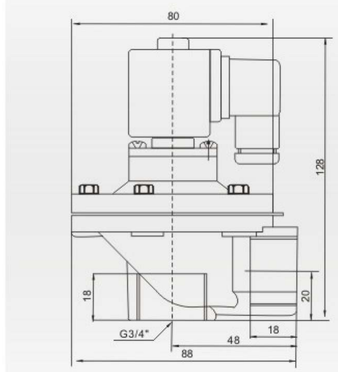
Technical Parameter

Model No	DMF-Z-45DD
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ45
Port size	G1 1/2"

SMF-Z-20

Right-angle Electro-magnetic Pulse Valve



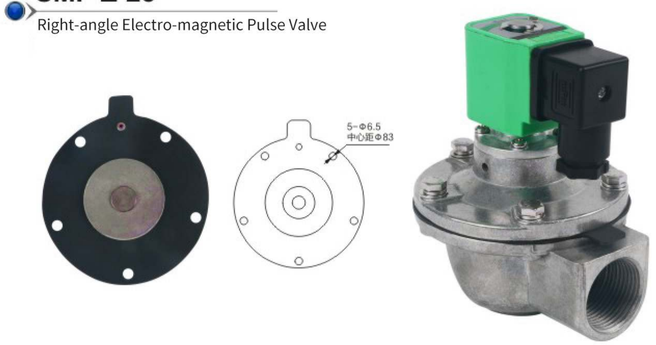


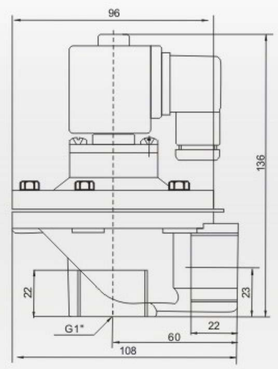
Technical Parameter

Model No	SMF-Z-20
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ20
Port size	G3/4"

SMF-Z-25

Right-angle Electro-magnetic Pulse Valve



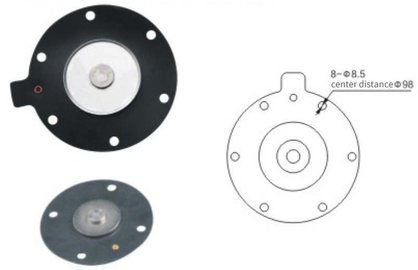


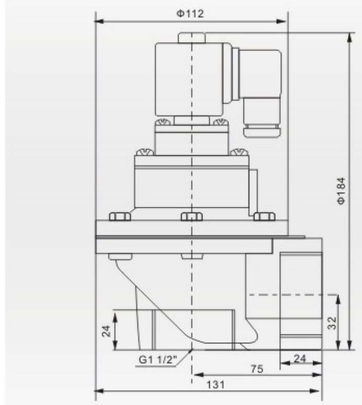
Technical Parameter

Model No	SMF-Z-25
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ25
Port size	G1"

SMF-Z-40S

Right-angle Electro-magnetic Pulse Valve



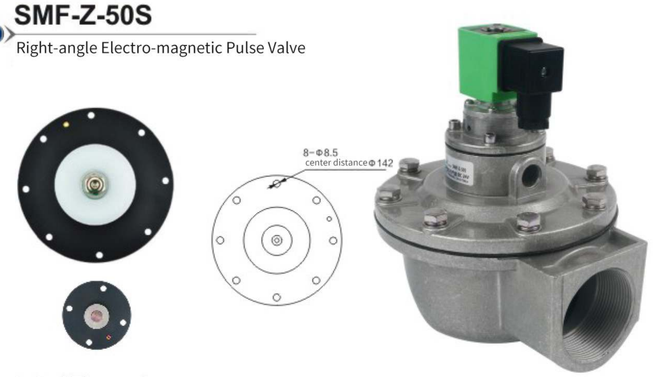


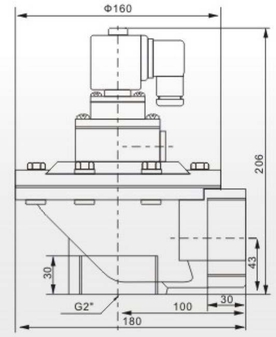
Technical Parameter

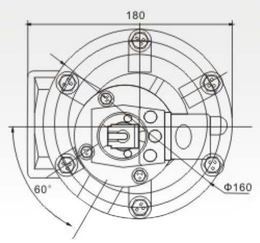
Model No	SMF-Z-40
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ40
Port size	G1 1/2"

SMF-Z-50S

Right-angle Electro-magnetic Pulse Valve





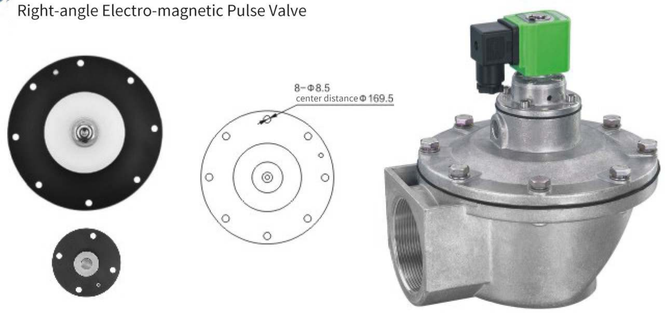


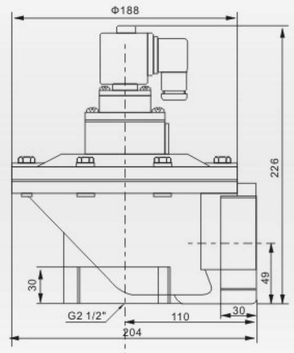
Technical Parameter

Model No	SMF-Z-50
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ50
Port size	G2"

SMF-Z-62S

Right-angle Electro-magnetic Pulse Valve



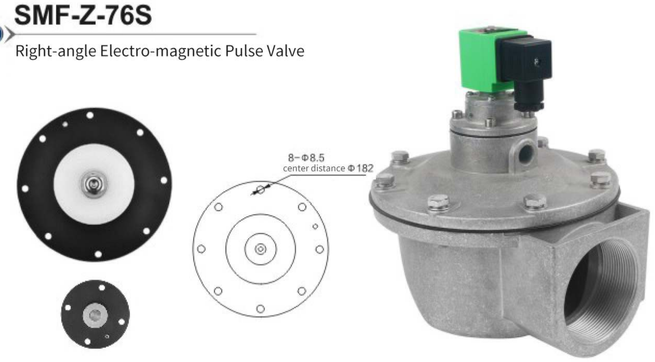


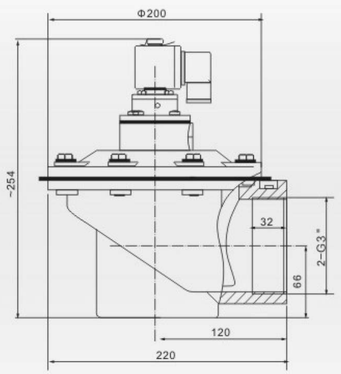
Technical Parameter

Model No	SMF-Z-62
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ62
Port size	G2 1/2

SMF-Z-76S

Right-angle Electro-magnetic Pulse Valve



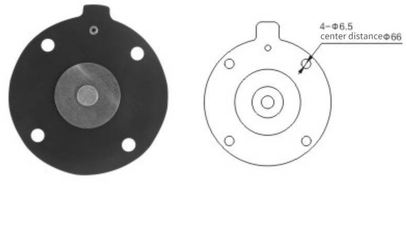


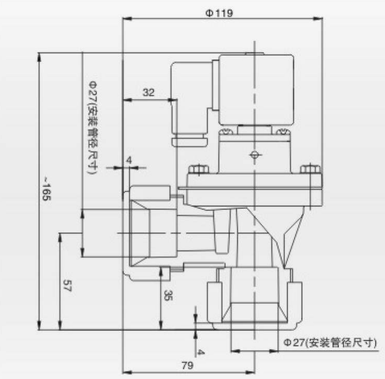
Technical Parameter

Model No	SMF-Z-76S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ76
Port size	G3"

SMF-ZM-20

Right angle with nut Electro-magnetic Pulse Valve



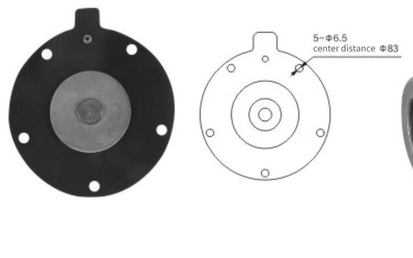


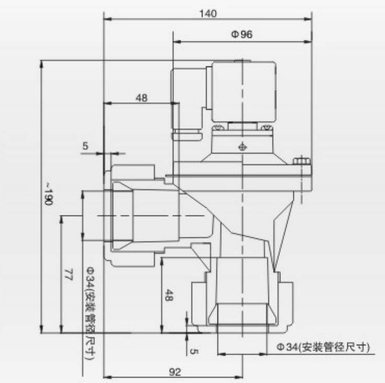
Technical Parameter

Model No	SMF-ZM-20
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ20
Port size	G3/4"

SMF-ZM-25

Right angle with nut Electro-magnetic Pulse Valve



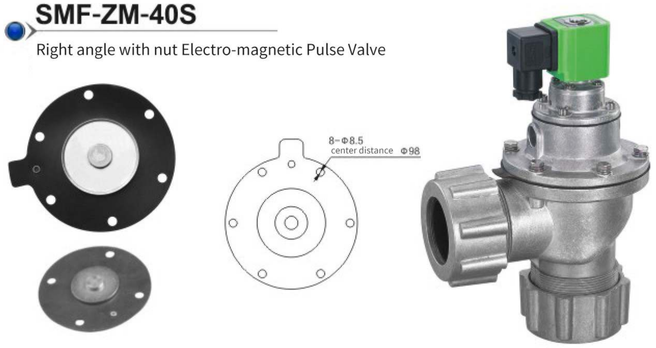


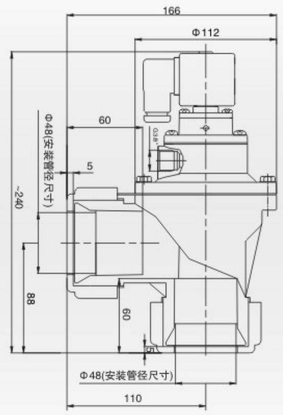
Technical Parameter

Model No	SMF-ZM-25
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ25
Port size	G1

SMF-ZM-40S

Right angle with nut Electro-magnetic Pulse Valve



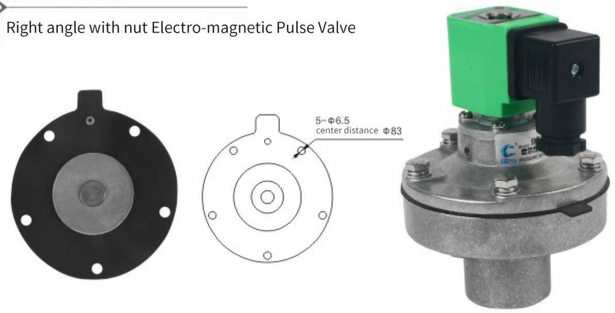


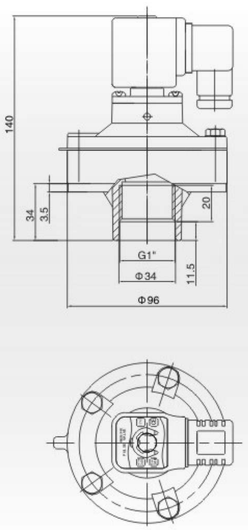
Technical Parameter

Model No	SMF-ZM-40S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ40
Port size	G1 1/2"

SMF-Y-25

Right angle with nut Electro-magnetic Pulse Valve



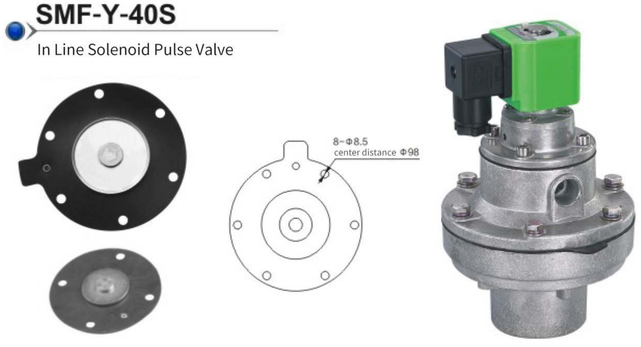


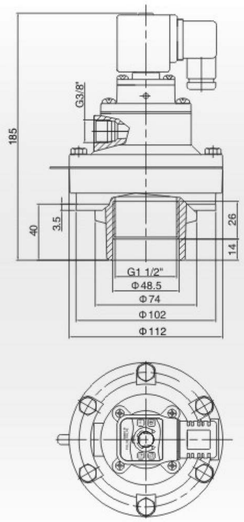
Technical Parameter

Model No	SMF-Y-25
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ25
Port size	G1

SMF-Y-40S

In Line Solenoid Pulse Valve



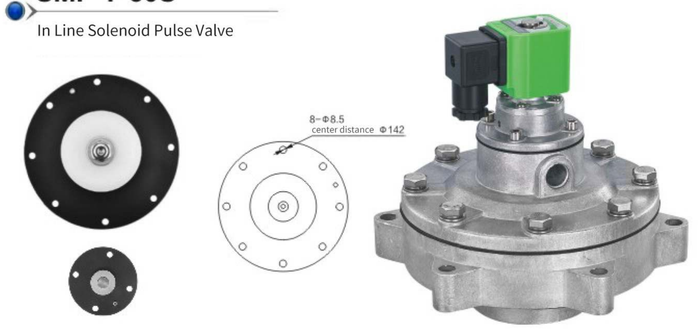


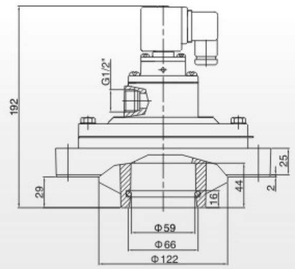
Technical Parameter

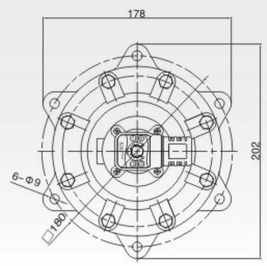
Model No	SMF-Y-40S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ40
Port size	G1 1/2"

SMF-Y-50S

In Line Solenoid Pulse Valve





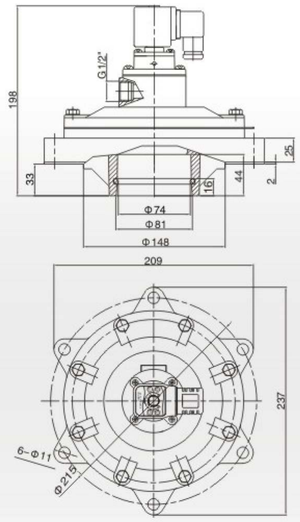


Technical Parameter

Model No	SMF-Y-50S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ50
Port size	G2"

SMF-Y-62S

In Line Solenoid Pulse Valve

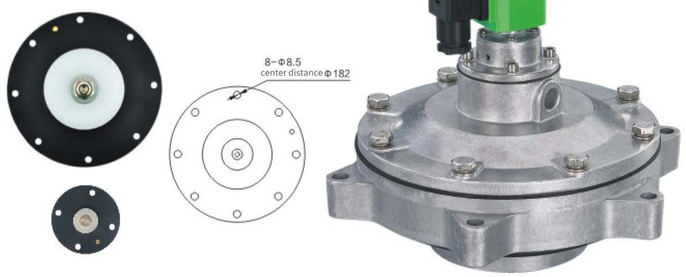


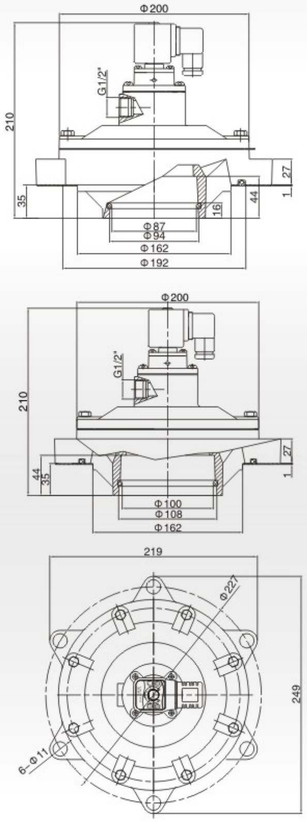
Technical Parameter

Model No	SMF-Y-62S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ62
Port size	G2 1/2

SMF-Y-76S/90S

In Line Solenoid Pulse Valve



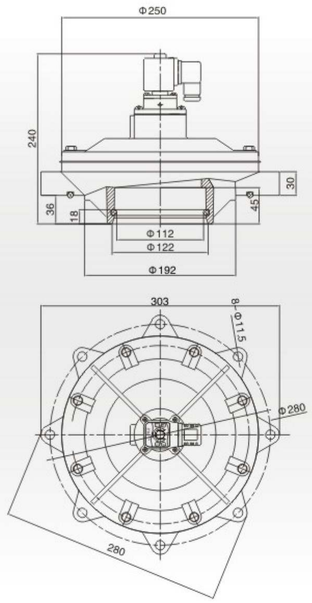


Technical Parameter

Model No	SMF-Y-76S	SMF-Y-90S
Operating pressure	0.3~ 0.8MPa	
Ambient temperature	-5~55℃	
Relative humidity	<85%	
Fluid	Clean air	
Voltage	AC110V / AC220V / DC24V	
Electric current	0.46A / 0.23A / 0.8A ± 10%	
Diaphragm life	Overone million cycles	
Diameter	Φ89	Φ102
Port size	G3"	G3 1/2"

SMF-Y-102S

In Line Solenoid Pulse Valve

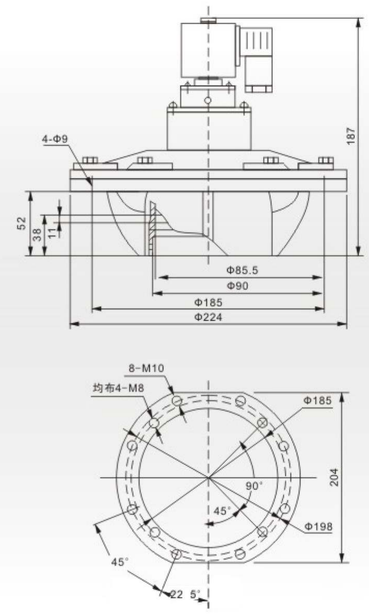


Technical Parameter

Model No	SMF-Y-102S
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ114
Port size	G4"

SMF-DN80

ELectromagnetic pulse valve

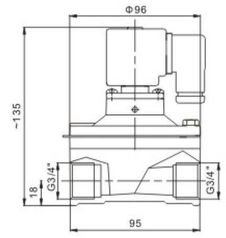


Technical Parameter

Model No	SMF-DN80
Operating pressure	0.3~ 0.8MPa
Ambient temperature	-5~55℃
Relative humidity	<85%
Fluid	Clean air
Voltage	AC110V / AC220V / DC24V
Electric current	0.46A / 0.23A / 0.8A ± 10%
Diaphragm life	Overone million cycles
Diameter	Φ40
Port size	G1 1/2"

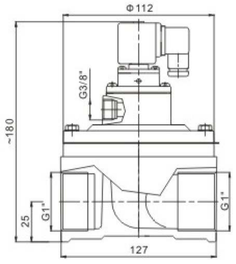
SMF-T-20(G3/4")

Straight-through electromagnetic pulse valve



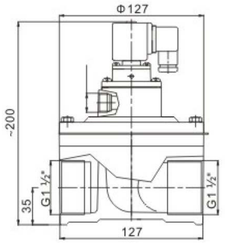
SMF-T-25(G1")

Straight-through electromagnetic pulse valve



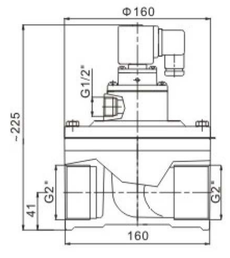
SMF-T-40S(G1 1/2")

Straight-through electromagnetic pulse valve



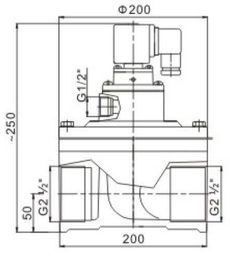
SMF-T-50(G2")

Straight-through electromagnetic pulse valve



SMF-T-62S(G2 1/2")

Straight-through electromagnetic pulse valve



FAP

Cinnector

FAP-A-2

FAP-A-1

SR-PDC-ZC20D

Pulse Controller

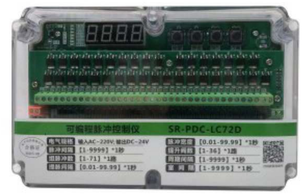
- Adopts integrated circuit micro intelligent control
- can adjust pulse intermission and pulse width According to the requirements
- Digital pipe display points etc. situation
- according to customer requirement,can make all the power voltage and output points
- Can be installed in the control cabinet or directly into dirt catcher
- Strong anti-interference capability, stable and reliable

Technical Parameter

Model No	SR-PDC-ZC20D
Input Voltage	AC110V AC220 50/60Hz
Output Voltage	DC24V AC110V AC220V
Output Current	1A
Power Consumption	5W (output 25W)
Interval Tim Range	1~250S
On Time Range	30~2500ms
Output Line No	1~32路/1~20Road
Working Environment	Temperature:-40℃+80℃ Humidity:≤85% No enormous shake& shock
Install Method	Install on dust catcher or control box
Weight	1.8kg
Dimension	160*160*160mm

SR-PDC-LC72D

Pulse Controller



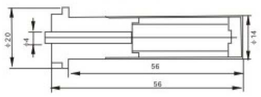
- Adopts integrated circuit micro intelligent control
- can adjust pulse intermission and pulse width According to the requirements
- Digital pipe display points etc. situation
- according to customer requirement,can make all the power voltage and output points
- Can be installed in the control cabinet or directly into dirt catcher
- Strong anti-interference capability, stable and reliable

Technical Parameter

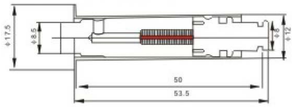
Model No	SR-PDC-LC72D
Input Voltage	AC110V AC220 50/60Hz
Output Voltage	DC24V AC110V AC220V
Output Current	1A
Power Consumption	5W (output 25W)
Interval Tim Range	1~250S
On Time Range	30~2500ms
Output Line No	1~12路/1~20Road
Working Environment	Temperature:-40℃+80℃ Humidity:≤85% No enormous shake& shock
Install Method	Install on dust catcher or control box
Weight	1.1kg
Dimension	230*150*85mm

Solenoid pulse valve pilot head

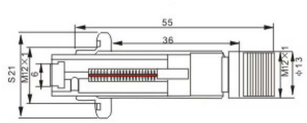
DMF Pilot head



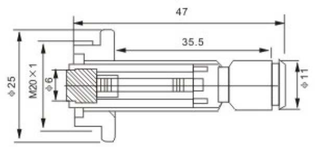
MCF Pilot head



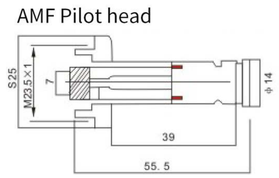
MCF Pilot head



AMF Pilot head



AMF Pilot head



Solenoid pulse valve coil

Technical Parameter

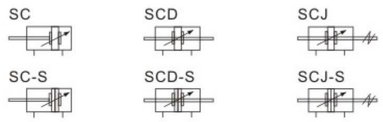
Normal Voltage	AC220V AC110V AC36V DC24V
Normal Power	AC15VA DC12W other power can be customized
Insulation Class	BFH
Connection Type	DIN 43650A
Applicability	Hydraulic, pneumatic, steam, solenoid valve for motor car

Technical Parameter

Inner Diameter(mm)		32	40	50	63	80	100
Motion mode		Sedentary					
Working medium		Air (filtered through 40um mesh)					
Fixed form	SC Series	Basic Model FA Model FB Model CA Model CB Model LB Model TC Model TCM1 Model					
	SCD,SCJ Series	Basic Model FA Model LB Model TC Model TCM1 Model					
Operating pressure range		0.1~1.0MPa(14~145Psi)					
Guaranteed pressure resistance		1.5MPa(215Psi)					
Operating temperature 'C		-20~80					
Operating speed range mm/s		30~800					
Stroke tolerance range		$0\sim250^{+1.0}_{0}$	$251\sim1000^{+1.4}_{0}$		$1001\sim1500^{+1.8}_{0}$		
Cushion type		Adjustable buffer					
Cushion stroke mm		21				28	29
Tube caliber		PT1/8	PT1/4		PT3/8		PT1/2

*Receiver tooth type is available in NPT and G teeth.

Symbol



Product Features

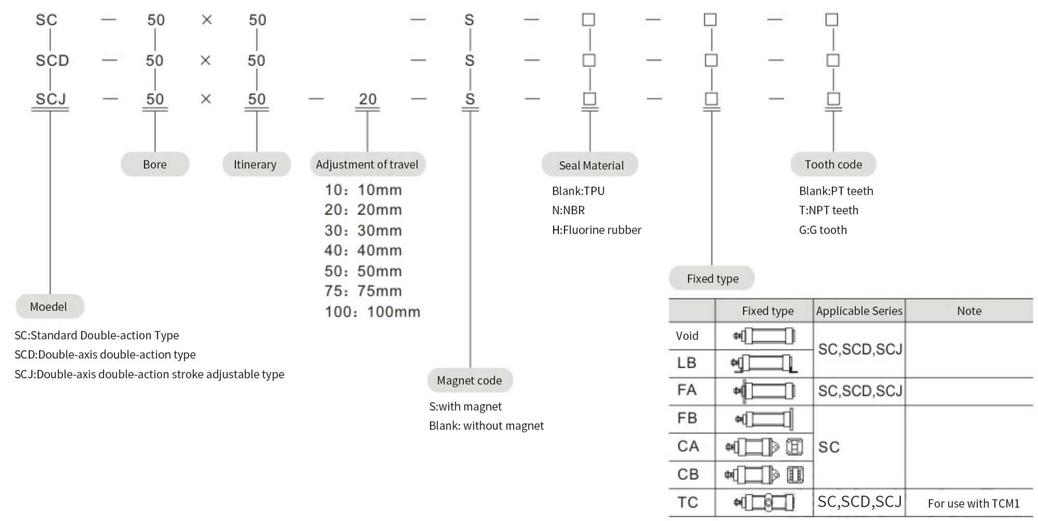
1、The standard cylinder of this enterprise;.
2、The piston seal adopts heterogeneous two-way sealing structure, compact size, with oil storage function.
3、It is a tie rod type cylinder, the front and rear covers are connected with the aluminum tube cylinder with strut, good reliability.
4、Compared with ISO15552 standard cylinder, the length of SC series cylinder is small with the same bore.
5、Cylinder buffer adjustment is smooth.
6, a variety of specifications of the cylinder and cylinder mounting accessories for customers to choose to use.
7, Selection of high-temperature resistant sealing materials can ensure the normal operation of the cylinder at 150 °C.

Stroke

Name	Inner Diameter (mm)	Standard Journey	Max stroke	Allowable journey
SC SCD SCJ	32	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	1000	2000
	40	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1200	2000
	50		1200	2000
	63		1500	2000
	80		1500	2000
	100		1500	2000

Note: In the maximum stroke range, if the stroke>1600mm, for non-standard processing, other special stroke, please contact us.Please contact us for other special stroke.

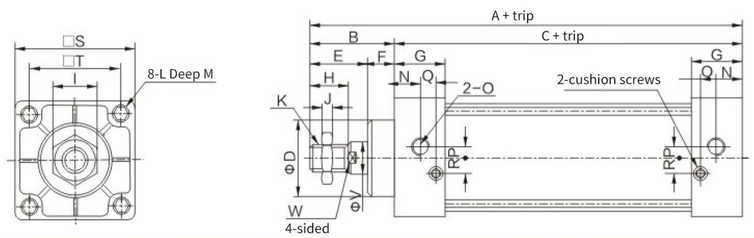
Model representation



	Fixed type	Applicable Series	Note
Void		SC,SCD,SCJ	
LB			
FA		SC,SCD,SCJ	
FB		SC	
CA			
CB			
TC		SC,SCD,SCJ	For use with TCM1

Dimensions (mm)

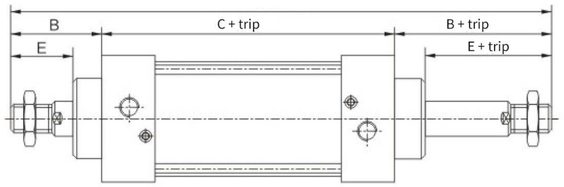
SC



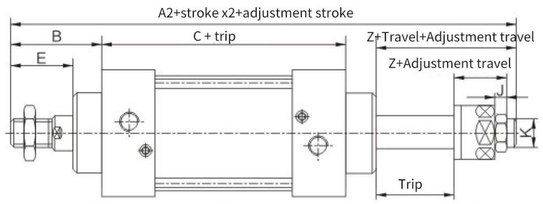
Bore/Symbol	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	V	W
32	140	47	93	28	32	15	27.5	22	17	6	M10×1.25	M6×1	9.5	13.7	G1/8"	3.5	7.5	7	45	33	12	10
40	142	49	93	32	34	15	27.5	24	17	7	M12×1.25	M6×1	9.5	13.5	G1/4"	6	8.2	9	50	37	16	14
50	150	57	93	38	42	15	27.5	32	23	8	M16×1.5	M6×1	9.5	13.5	G1/4"	8.5	8.2	9	62	47	20	17
63	153	57	96	38	42	15	27.5	32	23	8	M16×1.5	M8×1.25	9.5	13.5	G3/8"	7	8.2	8.5	75	56	20	17
80	182	75	108	47	54	21	33	40	26	10	M20×1.5	M10×1.5	11.5	16.5	G3/8"	10	9.5	14	94	70	25	22
100	189	75	114	47	54	21	33	40	26	10	M20×1.5	M10×1.5	11.5	16.5	G1/2"	11	9.5	14	112	84	25	22
125	247	102	145	60	71	31	40	50	40	12	M27×2	M12×1.75	20	20	PT1/2	-	-	-	140	110	32	27
160	310	130	180	64	92	38	50	72	52	14	M36×2	M16×2	20	25	PT1/2	-	-	-	180	140	40	36
200	325	140	185	75	90	50	50	72	52	14	M36×2	M16×2	20	25	PT3/4	-	-	-	220	175	40	36
250	375	177	198	90	107	70	50	84	63	18	M42×2	M20×2.5	External Leakage 30	25	PT3/4	-	-	-	280	220	50	46

Note: Magnetic and non-magnetic models have the same dimensions.

SCD



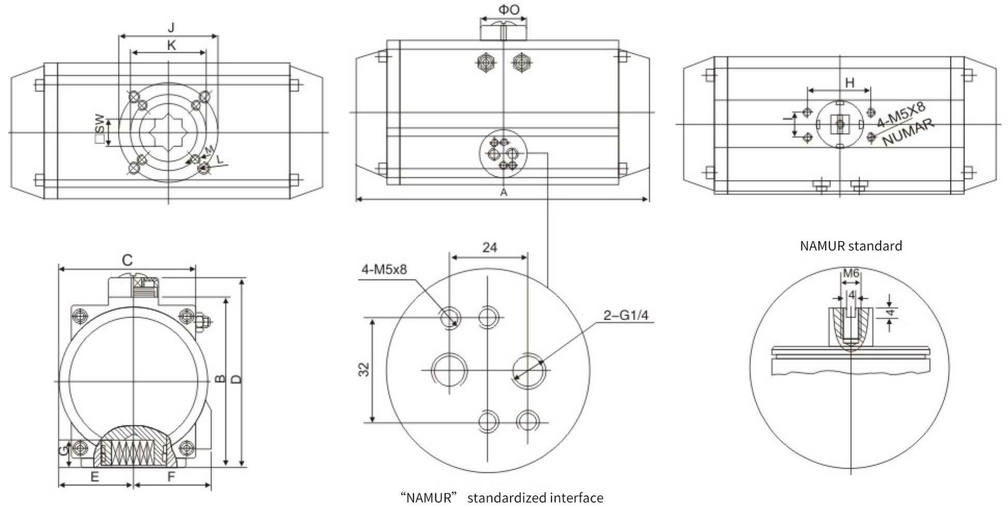
SCJ



Bore/Symbol	A1	A2	B	C	E	Z	J	K
32	187	182	47	93	32	27	6	M10×1.25
40	191	185	49	93	34	28	7	M12×1.25
50	207	194	57	93	42	29	8	M16×1.5
63	210	197	57	96	42	29	8	M16×1.5
80	257	238.5	75	107	54	35.5	10	M20×1.5
100	263	244.5	75	113	54	35.5	10	M20×1.5
125	349	321	102	145	71	43	12	M27×2
160	440	402	130	180	92	54	14	M36×2
200	465	429	140	185	90	54	14	M36×2
250	552	511	177	198	107	66	18	M42×2

Note:1. The dimensions of the magnetized type are the same as those of the non-magnetized type.
2. The dimensions not marked are the same as those of the SC standard type. 3.

Contour Map

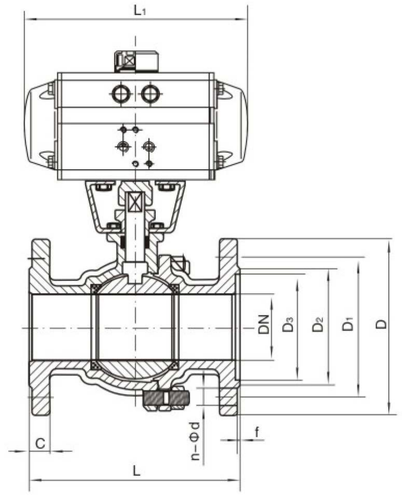


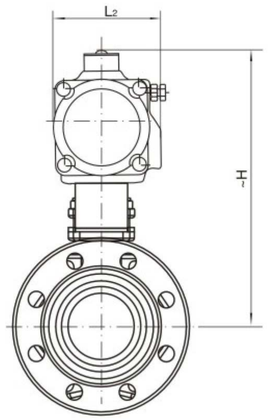
"NAMUR" standardized interface

Connection size

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	□SW	A120	A180	Air connection
SAT52	152	71	64	91	30.5	41.5	15	80	30	F05 Φ50	F03 Φ36	M6x10	M5x8	11	158	200	G1/4"
SAT63	170	89	73	109	37	47	15	80	30	F07 Φ70	F05 Φ50	M8x13	M6x10	14	184	233	G1/4"
SAT75	185	100	78	120	42	50	15	80	30	F07 Φ70	F05 Φ50	M8x13	M6x10	14	193	243	G1/4"
SAT83	205	107	101	127	46	57	21	80	30	F07 Φ70	F05 Φ50	M8x13	M6x10	14	221	280	G1/4"
SAT92	270	120	95	140	50.5	56	25	80	30	F07 Φ70	F05 Φ50	M5x8	M6x10	17	290	374	G1/4"
SAT105	275	133	110	153	57.5	63.5	25	80	30	F10 Φ102	F07 Φ70	M10x16	M8x13	22	304	388	G1/4"
SAT125	305	160	133	180	70	76	25	80	30	F10 Φ102	F07 Φ70	M10x16	M8x13	22	365	470	G1/4"
SAT140	395	177	151	207	79.5	87.5	30	80	30	F12 Φ125	F10 Φ102	M12x20	M10x16	27	442	568	G1/4"
SAT160	460	197	160	227	85.5	89.5	30	80	30	F12 Φ125	F10 Φ102	M12x20	M10x16	27	507	654	G1/4"
SAT190	530	230	184	260	102	102	40	130	30	F14 Φ140		M16x22		36	575	742	G1/4"
SAT210	550	255	205	285	113	113	40	130	30	F14 Φ140		M16x24		36	642	831	G1/4"
SAT240	600	290	240	320	130	130	50	130	30	F16 Φ165		M20x26		46	739	965	G3/8"(1/4")

Note: A120, 180 respectively indicates that the angular stroke of 120 ° 180 when the implementation of length

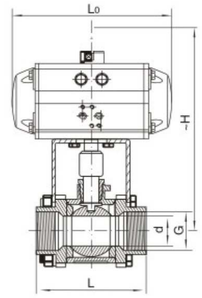




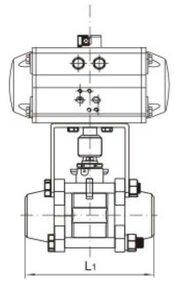
Main shape and connecting flange size Q641F(N,P,H,Y)-PN16(1.6MPa)

Nominal diameter DN	Outline Size				Connecting size						Actuator Model
	L	L1	L2	~H	D	D1	D2	C	f	n-Φd	
15	130	152/170	92/100	204/235	95	65	46	14	2	4-Φ14	SAT52/SATE63
20	140	152/185	92/115	209/240	105	75	56	16	2	4-Φ14	SAT52/SATE75
25	150	170/185	100/115	214/256	115	85	65	16	2	4-Φ14	SAT63/SATE75
32	165	185/205	115/120	257/277	140	100	76	18	2	4-Φ18	SAT75/SATE83
40	180	205/270	120/130	274/292	150	110	84	18	3	4-Φ18	SAT83/SATE92
50	200	205/275	120/135	290/300	165	125	99	20	3	4-Φ18	SAT83/SATE105
65	220	275/305	135/155	310/335	185	145	118	20	3	4-Φ18	SAT105/SATE125
80	250	275/305	135/155	246/368	200	160	132	20	3	8-Φ18	SAT105/SATE125
100	280	305/395	155/170	378/410	220	180	156	22	3	8-Φ18	SAT125/SATE140
125	320	395/460	170/190	425/450	250	210	184	22	3	8-Φ18	SAT140/SATE160
150	360	530/550	225/255	468/531	285	240	211	24	3	8-Φ22	SAT190/SATE210
200	400	550/600	255/310	583/618	340	295	266	24	3	12-Φ22	SAT210/SATE240

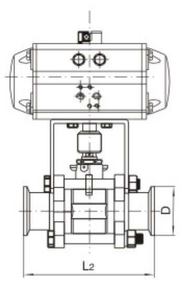
※ Note: The length of ball valve structure and connecting flange size can be designed and manufactured according to JB/T79 standard or user requirements.
※ Note: Actuator model XXX/XXXX are pneumatic actuators double-acting / single-acting (spring return).
※ Note: According to different valve torque, the use of media suitable for the actuator model may be different, the relevant size changes.
※ Note: The above actuator configuration and data are used soft seal (F, N, P) valves, hard seal valve configuration and data, please consult the company. Nearby Installation Dimensions



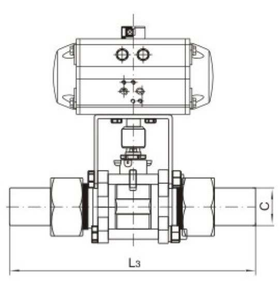
S611



S661



S681



S621

Feng want shape and connection size 061(6,8,2)1FN,P,H,-PN16-64(1.6-6.4MPa)

Nominal diameter		Connecting size										Actuator Model
DN	in	d	L	G	L1	L2	D	L3	C	Lo	~H	
15	1/2	15	72	1/2"	70	100	34	170	21	152/170	159/175	SAT52/SATE63
20	3/4	20	82	3/4"	85	110	50.5	185	26	152/170	167/183	SAT52/SATE63
25	1	25	90	1"	95	120	50.5	200	31	170/205	172/215	SAT63/SATE83
32	1 1/4	32	112	1 1/4"	110	131	50.5	225	38	185/270	210/23	SAT75/SATE92
40	1 1/2	40	120	1 1/2"	201/209	98/108	50.5	260	46	205/275	218/248	SAT83/SATE105
50	2	50	145	2"	209/242	108/120	65	300	60	205/275	248/283	SAT83/SATE105
65	2 1/2	65	185	2 1/2"	242/275	120/132	77.5			275/305	273/320	SAT105/SATE125
80	3	80	210	3"	275/332	132/148	91			275/305	313/335	SAT105/SATE125

※ Note: The length of ball valve structure and connecting flange size can be designed and manufactured according to JB/T79 standard or user requirements.
※ Note: Actuator model XXX/XXXX are pneumatic actuators double-acting / single-acting (spring return).
※ According to different valve torque, the use of media suitable for the actuator model may be different, the relevant size changes.
※ Note: The above actuator configuration and data are used soft seal (F, N, P) valves, hard seal valve configuration and data please consult the company.


Pneumatic Wafer Type Triple Eccentric Butterfly Valve


Sanitary three-piece all-inclusive ball valve


Sanitary three-piece all-inclusive ball valve


Three-piece high platform female threaded ball valve


Pneumatic female threaded three-piece ball valve


Pneumatic international flange ball valves


Flanged Butterfly Valve


Butterfly valve with positioner

Technique norm

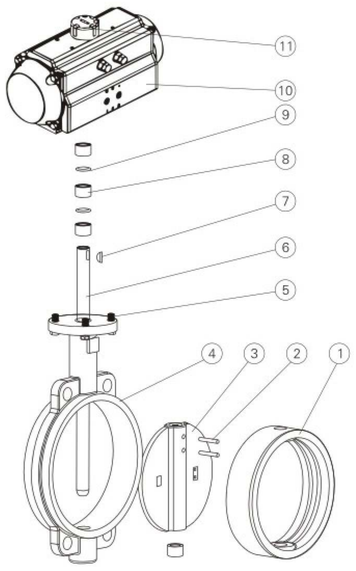
Design Basis		GB Standard
Design standard		GB/12238
Face to face dimension	Wafer Connecting	GB/12221
Connecting Flange Size		GB/12221
Test & inspection		JB/T9092

※ Note: Butterfly valve structure length and connecting flange size can be designed and manufactured according to user requirements.

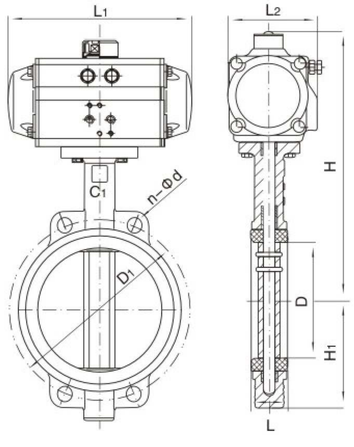
Form of Main Parts Materials

No	Part Name	Material		
		Z	C	P
1	valve seat	Rubber、PTFE		
2	Taper pins	45 steel	45 steel	Stainless Steel
3	Butterfly plate	Ductile iron hard chrome plated	Carbon or stainless steel	Stainless Steel
4	Valve body	Gray cast iron	Carbon Steel	Stainless Steel
5	Bolt	35 steel	Carbon Steel	Stainless Steel
6	Stem	45 steel	Stainless Steel	Stainless Steel
7	Key	45 steel	45 steel	Stainless Steel
8	Bushings	Copper-based powder metallurgy	Copper-based powder metallurgy	Copper-based powder metallurgy
9	O-Ring	Rubber、Viton		
10	Pneumatics	SAT、SGT、SAW		
11	Position indicator	Plastics		

※Note: The main parts of the butterfly valve and the material of the seal ring can be designed and selected according to the actual working conditions or special requirements of the user.



Main shape and connection size D671X(F,F4,J)PN10,PN16(1.0,1.6MPa)



Nominal diameter DN	Outline size					Connecting size			Actuator Model
	L	L1	L2	~H	H1	D	D1	n-Φd	
50	42	152/170	92/100	269/281	68	52.9	120	4–23	SAT52/SATE63
65	44.7	170/205	100/120	283/303	75	64.5	136.2	4–26.5	SAT63/SATE83
80	45.2	185/270	115/130	289/309	93	78.8	160	4–26.5	SAT75/SATE92
100	52.1	205/275	120/135	320/338	104	10.4	185	4–24.5	SAT83/SATE105
125	54.4	270/305	130/155	351/366	118	123.3	215	4–23	SAT92/SATE125
150	55.8	275/395	135/170	380/405	133	155.6	238	4–25	SAT105/SATE140
200	60.6	305/395	155/170	435/477	165	202.5	295	4–25	SAT125/SATE140
250	65.6	395/460	170/190	509/552	197	250.5	357	4–29	SAT140/SATE160
300	76.5	460/530	190/225	597/622	224	301.6	407	4–29	SAT160/SATE190
350	76.5	530/550	225/255	653/688	267	333.3	467	4–30	SAT190/SATE210
400	86.5	550/600	255/310	720/787	309	389.6	515	4–30	SAT210/SATE240
450	105.6	600/722	310/335	772/858	328	440.51	565	4–30	SAT240/SATE270
500	131.8	722/755	335/352	867/1004	361	491.5	620	4–33	SAT270/SATE300
600	152	1161/1660	330/–	998/1220	459	592.5	725	4–36	SAW20/SAW25S
700	163	1220/1845	–/–	1116/1282	520	695	840	4–36	SAW25/SAW28S
800	188	1380/2600	–/–	1330/1007	591	794.7	950	4–39	SAW28/SAW35S

※Note: Actuator model XXXX/XXXX are pneumatic actuators double-acting / single-acting (spring return).
※Note: According to different valve torque, the use of media selection, different actuator models, the relevant size changes.

> Electric Oilfield Tee
SPECIAL TEE FOR ELECTRIC OIL FIELD
Flange standard: GB/T-20594-1995
Screw standard:GB/T-1414-1992
Material: 304316 WCB
Pressure:1.6Mpa-4.0Mpa
Diameter: 1/4"8

> Pneumatic Positioning Valves
PNEUMATIC POSITIONING VALVE
Connection: flange thread
Material: 304316
Thread standard: GB/T 144-1992
Flange standard: GB/T-20593-1995
Diameter: 1/2"8"
Pressure: 1.6Mpa-4.0Mpa

> Vacuum Valve
VACUUM VALVE SERIES

> Ball Valve
BALL VALVE SERIES

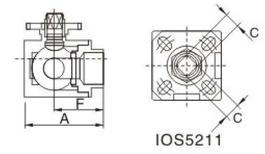
Three-way ball valve

Three-way ball valve

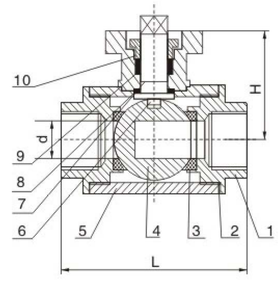
Pneumatic three-way ball valve

Design Features

Precision casting valve body
Anti-shedding stem
Reduced diameter design
Locking handle optional
L or T-ball design
Thread Standard.
npt.bsp.bspt.din259/2999,rc,rp
Working Pressure:1.6~6.4MPa
Applicable temperature:-29°C~150°C(300°C)
Applicable medium: water, oil, gas, etc.



IOS5211



Main dimensions

Unit: mm

SIZE		Φd	L	H	W	C	ISO5211
1/2"	DN15	12	70	38	115	9	F03/F04
3/4"	DN20	15	80	41	115	9	F03/F04
1"	DN25	18	87	47	145	11	F04/F05
1–1/4"	DN32	25	110	57	160	11	F04/F05
1–1/2"	DN40	32	131	69	180	14	F05/F07
2"	DN50	38	143	75	200	14	F05/F07
2–1/2"	DN65	49	195	–	240	17	F07/F10

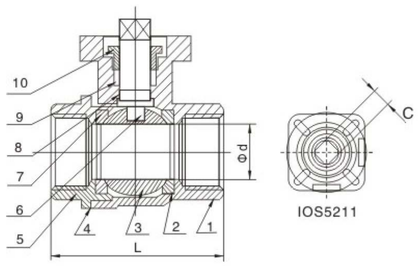
Main parts and materials

ITEM	PART	MAIN MATERIAL
1	Bonnet	WCB CF8 CF8M
2	Seal ring	PTFE RPTFE
3	Seat	PTFE RPTFE
4	Ball	304 316
5	Valve body	WCB CF8 CF8M
6	Stem	PTFE RPTFE
7	Thrust gasket	PTFE RPTFE
8	O-ring	VITON
9	Packing	PTFE RPTFE
10	Gland	304

Two-piece high platform ball valve

Design Features

Precision casting valve body
Anti-detachment stem
Full bore design
Locking handle optional
Thread standard:NPT.BSP,BSPT,DIN259/2999,Rc,Rp
Working pressure: 1.6~6.4MPa
Applicable temperature: -29℃~150℃(300℃)
Applicable medium: water, oil, gas, etc.



Main dimensions

Unit:mm

SIZE		Φd	L	C	ISO5211
1/2"	DN15	15	62	9	F03/F04
3/4"	DN20	20	72	9	F03/F04
1"	DN25	25	84	11	F04/F05
1–1/4"	DN32	32	98	11	F04/F05
1–1/2"	DN40	38	105	14	F05/F07
2"	DN50	49	120	14	F05/F07
2–1/2"	DN65	65	145	17	F07/F10
3"	DN80	78	178	17	F07/F10
4"	DN100	98	220	17	F07/F10

Main parts and materials

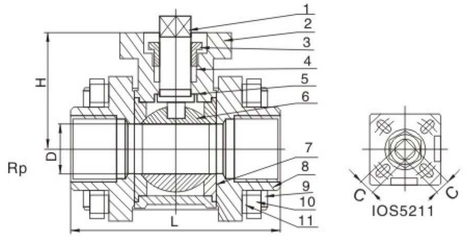
Unit:mm

ITEM	PART	MAIN MATERIAL
1	valve body	WCB CF8 CF8M
2	Seat	PTFE RPTFE
3	Ball	304 316
4	Seal	PTFE RPTFE
5	Bonnet	WCB CF8 CF8M
6	Stem	304 316
7	Thrust gasket	PTFE RPTFE
8	O-ring	VITON
9	Packing	PTFE RPTFE
10	Gland	304

Three-piece high platform ball valve

Design Features

Precision casting valve body
Anti-detachment stem
Full bore design
Locking handle optional
Thread standards: NPT,BSP,BSPT,
DIN259/2999,Rc,Rc,Rc
NPT,BSP,BSPT,DIN259/2999,Rc,Rp
Working Pressure:1.6~6.4MPa
Temperature:-29℃~150℃(300℃)
Applicable medium: water, oil, gas, etc.



Main dimensions

Unit:mm

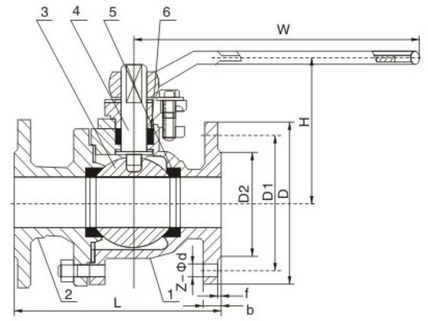
SIZE		Φd	L	H	C	ISO5211
1/2"	DN15	15	70	39	9	F03/F04
3/4"	DN20	20	80	47	9	F03/F04
1"	DN25	25	90	56	11	F04/F05
1–1/4"	DN32	32	102	62	11	F04/F05
1–1/2"	DN40	38	110	74	14	F05/F07
2"	DN50	49	130	82	14	F05/F07
2–1/2"	DN65	65	180		17	F07/F10
3"	DN80	78	210		17	F07/F10
4"	DN100	98	260		17	F07/F10

Main parts and materials

Unit:mm

ITEM	PART	MAIN MATERIAL
1	Stem	304 316
2	Valve Body	WCB CF8 CF8M
3	Gland	304 316
4	Packing	PTFE RPTFE
5	Thrust gasket	PTFE RPTFE
6	Ball	304 316
7	Seat	PTFE RPTFE
8	Bonnet	WCB CF8 CF8M
9	Bolt	A2–70 304
10	Nuts	A2–70 304
11	Poppet	304

Flange Ball Valves



Design Features

Design standard.
gbt12237,api608,jpi7s-48
Connecting flange: GB/T 9113,JB/T 79.
gb/t 9113,jb/t 79.hg 20596ansib16.5.jis b2212-b2214
Test: JB/T9092,HG 20596ANSIB16.5.
jb/t9092,gb/t13927,ap1598
Applicable medium: water, oil, gas, etc.

Main parts and materials

ITEM	PART	MAIN MATERIAL
1	Valve Body	WCB CF8 CF8M
2	Bonnet	WCB CF8 CF8M
3	Ball	304 316
4	Stem	304 316
5	Valve seat	PTFE RPTFE
6	Packing	PTFE RPTFE

Main dimensions(1.6MPa)

Unit:mm

SIZE		L	D	D1	D2	Z–Φd
1/2"	DN15	130	95	65	45	4–14
3/4"	DN20	140	105	75	55	4–14
1"	DN25	150	115	85	65	4–14
1–1/4"	DN32	165	135	100	78	4–18
1–1/2"	DN40	180	145	110	85	4–18
2"	DN50	200	160	125	100	4–18
2–1/2"	DN65	220	180	145	120	4–18
3"	DN80	250	195	160	135	8–18
4"	DN100	280	215	180	155	8–18
5"	DN125	320	245	210	185	8–18
6"	DN150	360	280	240	210	8–23
8"	DN200	400	335	295	265	12–23

Main dimensions

Unit:mm

SIZE		150Lb					10K				
		L	D	D1	D2	Z–Φd	L	D	D1	D2	Z–Φd
1/2"	DN15	108	89	60.5	35	4–16	108	95	70	51	4–15
3/4"	DN20	117	98	70	43	4–16	117	100	75	56	4–15
1"	DN25	127	108	79.5	51	4–16	127	125	90	67	4–19
1–1/4"	DN32	140	118	89	63.5	4–16	140	135	100	76	4–19
1–1/2"	DN40	165	127	98.5	73	4–16	165	140	105	81	4–19
2"	DN50	178	152	120.5	95	4–19	178	155	120	96	4–19
2–1/2"	DN65	190	178	139.5	105	4–19	190	175	140	116	4–19
3"	DN80	203	190	152.5	127	4–19	203	185	150	126	8–19
4"	DN100	229	229	190.5	157	8–19	229	210	175	151	8–19
5"	DN125	356	254	216	186	8–23	356	250	210	182	8–23
6"	DN150	394	279	241.5	216	8–23	394	280	240	212	8–23
8"	DN200	457	343	298.5	270	8–23	457	330	290	262	12–23

Notes: The sizes of serial valve connecting flange can be designed according to customers' requirement.