DMF-Z Right Angle Type Latching Solenoid Valve

Product Purpose

Pulse solenoid valve (also called diaphragm valve),it is the "switch". Injection control instrument by pulse output signal of the control of the the filter bag one row (room) injection out dust. Make the resistance of the filter to keep in the scope of the set inside, in order to ensure that the filter processing power and dust collecting efficiency.

DMF-Z type pulse valve as right Angle type valve, The Angle between import and export is 90°, Suitable for air bag dust and the installation of the wind spray connection. Airflow unobstructed, can to meet the requirements of the clear grey gas pulse.

Working Principle

The pulse valve diaphragm is divided into two, gas chamer(Front & back), when switching compressed air,Compressed air through the throttle orifice into the gas chamber after at this time of the gas chamber pressure will diaphragm components.

Close to the valve outlets, pulse valve is in "closed" status.Pulse injection control instrument signal that the pulse valve bit back, after the gas Room put stomatal open, and the gas chamber pressure loss after quickly, diaphragm components moved, the compressed air.A valve lose export injection, pulse valve in the "open" status.Pulse injection control instrument signal disappears, solenoid pulse valve bit reset, gas after.

Room put stomatal closure, the gas chamber pressure after increase is clingy valve diaphragm components of outlets, solenoid pulse valve and in "closed" status.

Model Implication

DMF — Z — X — S

DMF	Z	X	S
Electromagnetic pulse solenoid valve	Right angle type	Orifice size	Double diaphram

Valve Selection List

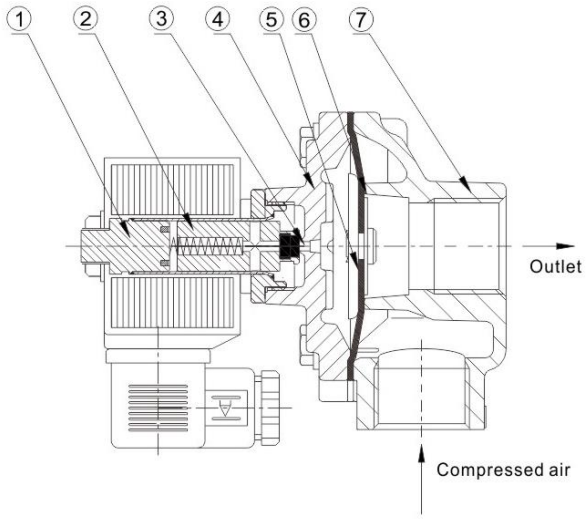
Cale	Model	Orifice size		Number Of Seal	Inlet Pipe Size	Outlet Pipe Size	Weight (KG)
		Metric	Inch				
1	DMF-Z-20	ϕ20	3/4"	1	G3/4 "	G3/4 "	0.75
2	DMF-Z-25	ϕ25	1"	1	G1 "	G1"	0.7
3	DMF-Z-40S	ϕ40	1 1/2"	2	G1 1/2 "	G1 1/2 "	1.3
4	DMF-Z-50S	ϕ50	2"	2	G2 "	G2 "	2.65
5	DMF-Z-62S	ϕ62	2 1/2"	2	G2 1/2 "	G2 1/2 "	2.3

Sanlixin Solenoid Valve

DMF-Z Right Angle Type Latching Solenoid Valve

Construction externla dimensions chart

1.Stationary Core
2.Plunger
3.Air bleed hole
4.Bonnet
5.Diaphragm
6.Main valve port
7.Valve body



Technical parametes

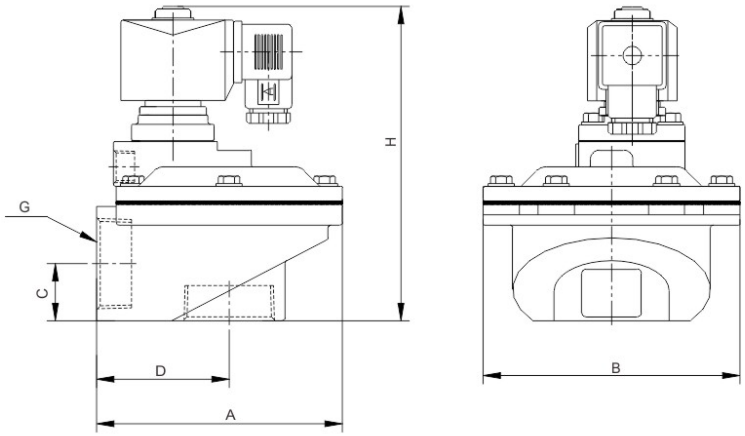
Working pressure： 0.2MPa ~ 0.8MPa
Working：Clean air
Voltage： AC220V/230V/240V/110V/24V 50/60HZ 33VA DC24V/12V 30W
Nass Coil：AC220V/230V/240V 50/60HZ； DC24V
Ambient temperature： 0℃ ~ 65℃
The lifetime：1000000 or 3 years

Material

Valve body：Aluminum alloy
Pilot Components:IJ117
Diaphragm：NBR
Spring： SS302
Fastener： SS304

DMF-Z Right Angle Type Latching Solenoid Valve

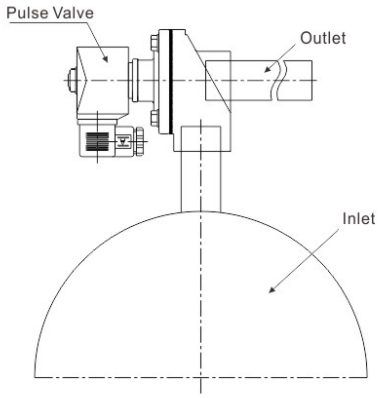
Structure Size



Model	A	B	C	D	G	H
DMF-Z-20	110	75	22	52	G3/4	120
DMF-Z-25	110	75	22	52	G1"	120
DMF-Z-40S	131	136.5	30.5	70.5	1 1/2"	159.5
DMF-Z-50S	168	168	56	95	2"	220
DMF-Z-62S	168	168	56	95	2 1/2"	220

Installation method

Solenoid pulse valve input(IN) and air bag is connected to the metal the antput termind filter in connection with spray wind connection betueen thread fill in seal materialc teflon or seal pustes it's good to tighten the seal.

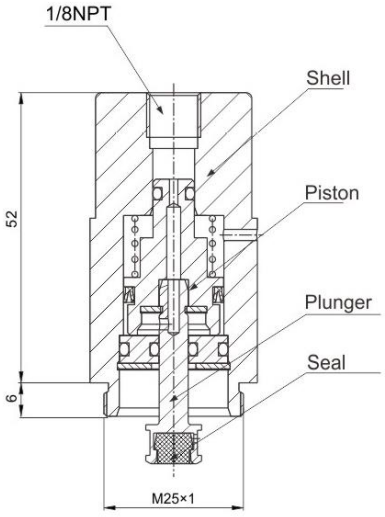


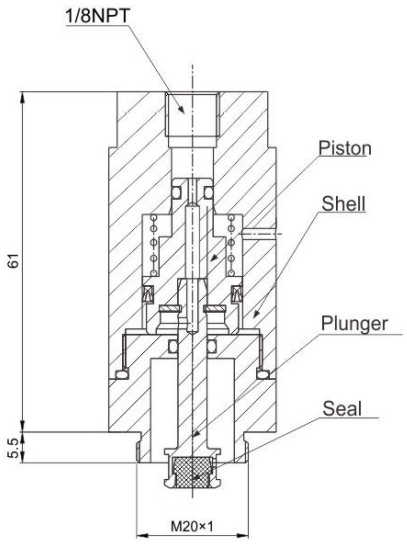
SQK Air Operated Valve

Features :

1. Unique sealing member isolates pilot air pressure from mainline fluid
2. Variations in pilot air pressure do not affect valve operation
3. Design provides long life handing of lubricated air
4. Body material : Brass Stainless steel

Construction





Sanlixin Solenoid Valve

SQKP 2/2-Way Pilot Operated Air Operated Valve

Ambient temp.：0℃~65℃

Pressure：0.5-13 Bar

Body material：Brass Stainless steel

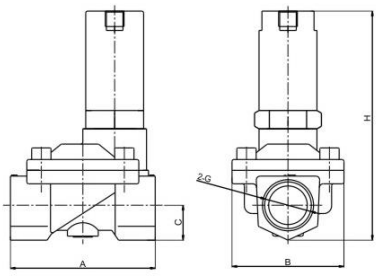
Seal material：NBR、VITON、EPDM ,Silicon

Flow as the arrow, Best position is vertical and upright direction.

Air Operated valve numbering system for order：

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Air control type	Air control material	Seal material	Body material	Pipe size	Orifice（mm）	Options
SQKP	1	H	D	N	1	D	16	□
SQKP	1:Normally Closed	H= piston type	D=Brass B=Stainless steel	N=NBR V=VITON E=EPDM	1=Brass 3=SS316	C=3/8 " D=1/2 " E=3/4 " G=1 " H=1 1/4 " J=1 1/2 " K=2"	13=13.0 20=20.0 25=25.0 35=35.0 40=40.0 50=50.0	N=NPT Y= Signal feedback

External Dimensions:



Orifice (mm)	G	A	B	C	H
13	3/8	66	48	15.3	114
13	1/2	66	48	15.3	114
20	3/4	75	58	18.1	120
25	1/	96	70	24.8	133
35	1-1/4	131	96	33.3	152
40	1-1/2	131	96	33.3	152
50	2	165	120	35	164

Sanlixin Solenoid Valve

SQKS 2/2-Way Direct Acting Air Operated Valve

Ambient temp.：0℃~65℃

Pressure：0-10Bar

Body material：Brass Stainless steel

Seal material：NBR、VITON、EPDM ,Silicon

Flow as the arrow, Best position is vertical and upright direction.

Air Operated valve numbering system for order：

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Air control type	Air control material	Seal material	Body material	Pipe size	Orifice（mm）	Options
SQKS	1	H	D	N	1	D	16	□
SQKS	1:Normally Closed	H= piston type	D=Brass B=Stainless steel	N=NBR V=VITON E=EPDM G=Silicon	1=Brass 4=SS304 3=SS316	B=1/4 " C=3/8 " C=3/8 " D=1/2 " E=3/4 " G=1 "	04=4.0 16=16.0 20=20.0 25=25.0	N=NPT Y= Signal feedback