

Piston Valves - SS316



Angle seat valves

There is automatic adjustable seal gland bush between overflow outlet and slide block.

The bevel structure have big flow rate, no water hammer, no noise and credible seal performance.



Ordering Code

R	JQ	22					
RFS product	Angle seat valve code	Two way two position	Actuator material S stainless steel Blank aluminium P Plastic	actuator size Φ40 Φ50 Φ63 Φ80 Φ100	Connection size 10 15 20 25 32 40 50 65 80 100	H welded type , W Waterhammer F flange	S single acting type D double acting type K normally open

Remark: Normally open: flow comes under piston seal, against arrow on body.

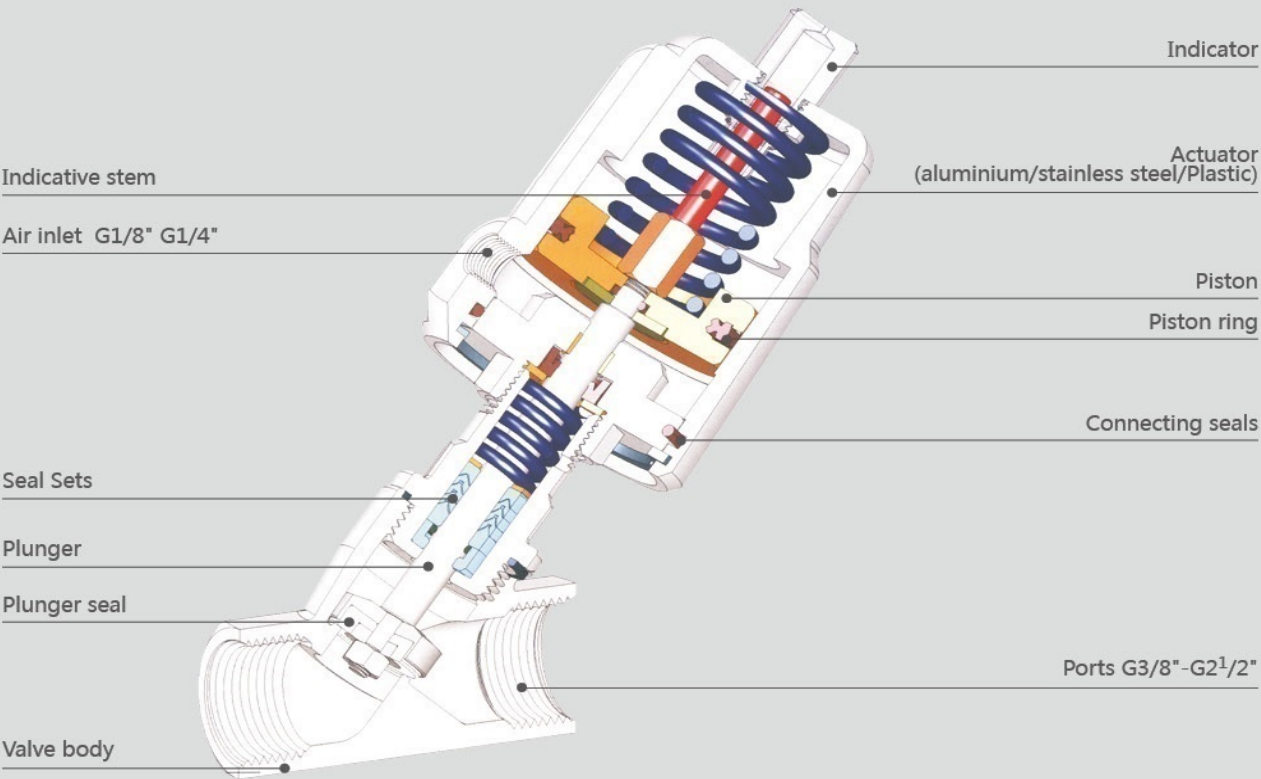
Design character

- Can see the position indication.
- Easy to install.
- Actuator adopt low abrasion piston structure, big capacity and low wastage.
- There is lubricative for inner parts, no need maintenance.
- The actuator material have stainless steel and aluminium.
- Long life for the piston pole, PTFE seal, avoid the reif come in.
- No water hammer effect, when the liquid flowed from valve underside, the water hammer will be absorbed.

Specification

Orifice: DN15-DN65
Thread: G1/8" -G2 1/2"
Valve material: stainless steel 316
Actuator material: Aluminium, stainless steel, plastic
Valve core seal: PTFE
Valve stem seal: PTFE / FKM
Applicable medium: Water, liquid, neutral gas, oil
water steam, weak acid or weak alkalis Solution.

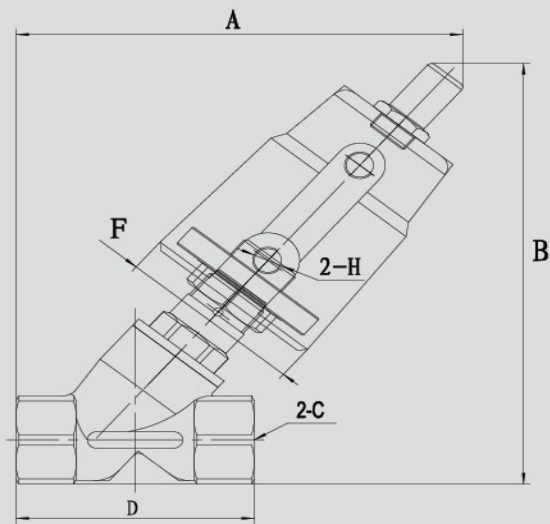
Medium temperature: -10°C ~180°C
Environment temperature: -10°C ~60°C
Viscosity: max. 600 mm² / S
Installation: any position
Controlling medium: air or neutral gas
Controlling pressure range: 0.3~1Mpa
Liquid working pressure: 0~1.6Mpa



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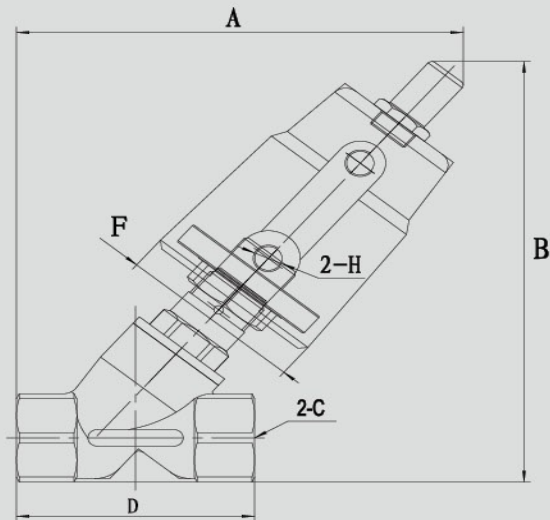


Angle seat valve



Model	Actuator size	A	B	C	D	E	F	H
RJQ22S40-10	40	127.5	136	G3/8"	69	27	50	G1/8"
RJQ22S40-15	40	127.5	136	G1/2"	69	27	50	G1/8"
RJQ22S50-10	50	140	150	G3/8"	69	27	60.5	G1/8"
RJQ22S50-15	50	140	150	G1/2"	69	27	60.5	G1/8"
RJQ22S50-20	50	143	155	G3/4"	75.5	32	60.5	G1/8"
RJQ22S50-25	50	163.5	176	G1	90	39	60.5	G1/8"
RJQ22S63-25	63	174.5	189.5	G1	90	39	77	G1/8"
RJQ22S63-32	63	190.5	207.5	G1-1/4"	117	50	77	G1/8"
RJQ22S63-40	63	190.5	207.5	G1-1/2"	117	55	77	G1/8"
RJQ22S63-50	63	219.5	232.5	G2"	145	70	77	G1/4"
RJQ22S80-50	80	233	253	G2"	145	70	98	G1/4"
RJQ22S80-65	80	273	290	G2-1/2"	170	85	116	G1/4"
RJQ22S100-65	100	270	290.5	G2-1/2"	170	85	116	G1/4"

Angle seat valve

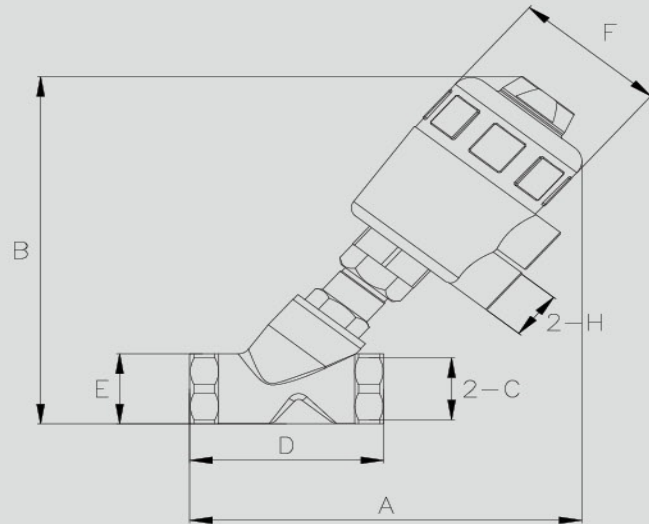


Model	Actuator size	A	B	C	D	E	F	H
RJQ2250-10	50	140	150	G3/8	69	27	60.5	G1/8
RJQ2250-15	50	140	150	G1/2	69	27	60.5	G1/8
RJQ2250-20	50	143	155	G3/4	75.5	32	60.5	G1/8
RJQ2250-25	50	163.5	176	G1	90	39	60.5	G1/8
RJQ2263-25	63	174.5	189.5	G1	90	39	77	G1/8
RJQ2263-32	63	190.5	207.5	G1-1/4	117	50	77	G1/8
RJQ2263-40	63	190.5	207.5	G1-1/2	117	55	77	G1/8
RJQ2263-50	63	219.5	232.5	G2	137	70	77	G1/4
RJQ2280-50	80	233	253	G2	137	70	98	G1/4
RJQ22100-65	100	270	290.5	G2-1/2	170	85	116	G1/4

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Angle seat valve



Model	Actuator size	A	B	C	D	E	F	H
RJQ22P50-10	50	148	158	G3/8	69	27	63	G1/4
RJQ22P50-15	50	148	158	G1/2	69	27	63	G1/4
RJQ22P50-20	50	151	162	G3/8	75	32	63	G1/4
RJQ22P50-25	50	173	184	G1	90	39	63	G1/4
RJQ22P63-25	63	198	210	G1	90	39	79	G1/4
RJQ22P63-32	63	215	229	G1-1/4	117	55	79	G1/4
RJQ22P63-40	63	215	229	G1-1/2	117	55	79	G1/4
RJQ22P63-50	63	238	251	G2	137	70	79	G1/4
RJQ22P80-50	80	255	263	G2	137	70	100	G1/4

Right angle valve

Classical design, durable
Air control design, energy saving and
environmental protection
Big flow rate, safety and Precision



Ordering Code

R

RFS
product

Q

Right angle valve code

22

Two way two
position

HD

Air control liquid
valve

-

Connection size
15 1/2"
20 3/4"
25 1"
40 1 1/2"
50 2"

-

S single acting type
D double acting type
K normally open

-

Material
H high temperature type
Blank normal type

Remark: Normally open: Flow comes under the piston seal, against arrow on body.

Piston Valves - SS316



Pneumatic control valve

Features

Can work at low pressure, smartness for on and
There are many types of structure single acting and
double acting control,etc structure single acting type
and double acting type. Application: food, medicine,
industry, abstersion, landification, printing, etc.



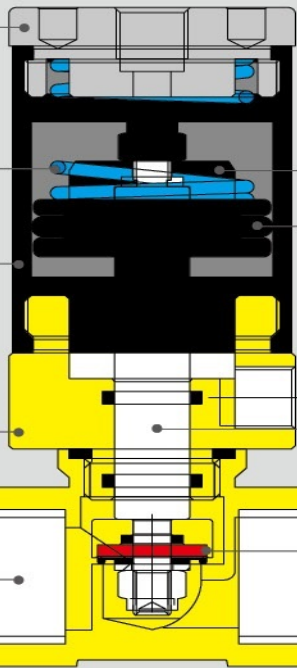
The back cover

Spring

Cylinder barrel

The front cover

Valve Body

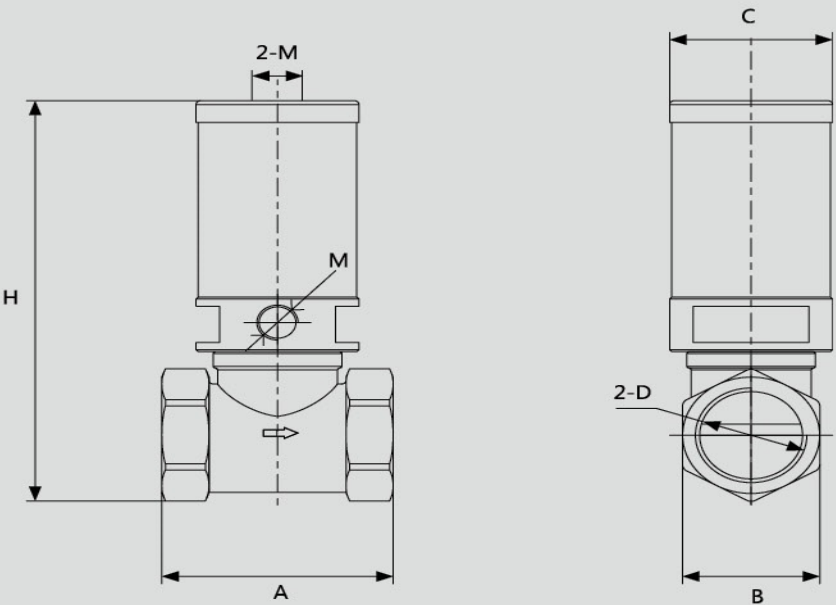


Piston

Seal

Piston stem

Seal



Model	A	B	C	2-D	H	M
RQ22HD-15	45	25	37	G1/2"	89.5	G1/8"
RQ22HD-20	50	31	37	G3/4"	109	G1/8"
RQ22HD-25	64.5	38	37	G1"	118	G1/8"
RQ22HD-40	80	53	55	G1-1/2"	162	G1/8"
RQ22HD-50	99.5	65	78	G1/8"	179	G1/4"

Model	Orifice	Media	Working pressure	Control pressure	Temp range	Kv value (m3/k)
RQ22HD-15	13mm	Compress Air Water Oil	0-0.8MPa	0.4-0.8MPa	-5~80°C -20~150°C (High temp)	4
RQ22HD-20	16mm					5
RQ22HD-25	22mm					10
RQ22HD-40	35mm					25
RQ22HD-50	45mm					40