Bevel Valve

RJQ22

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.



Head：Aluminum
Body：SUS316



Head：SUS304
Body：SUS316

Ordering Code

R	JQ	22	□	□	□	□
RFS product	Angle seat valve code	Two way two position	Actuator material code **S** stainless steel **Blank** aluminium **P** Plastic	Select actuator size **Φ40** **Φ50** **Φ63** **Φ80** **Φ100**	Connection size **10** **15** **20** **25** **32** **40** **50**	**S** single acting type **D** double acting type **K** normally open

Remark: Nomrally 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 affect, when the liquid flowed from valve underside, the water hammer will be absorbed.

[사용예]



Y–Angle Valve & 3/2way Solenoid Valve



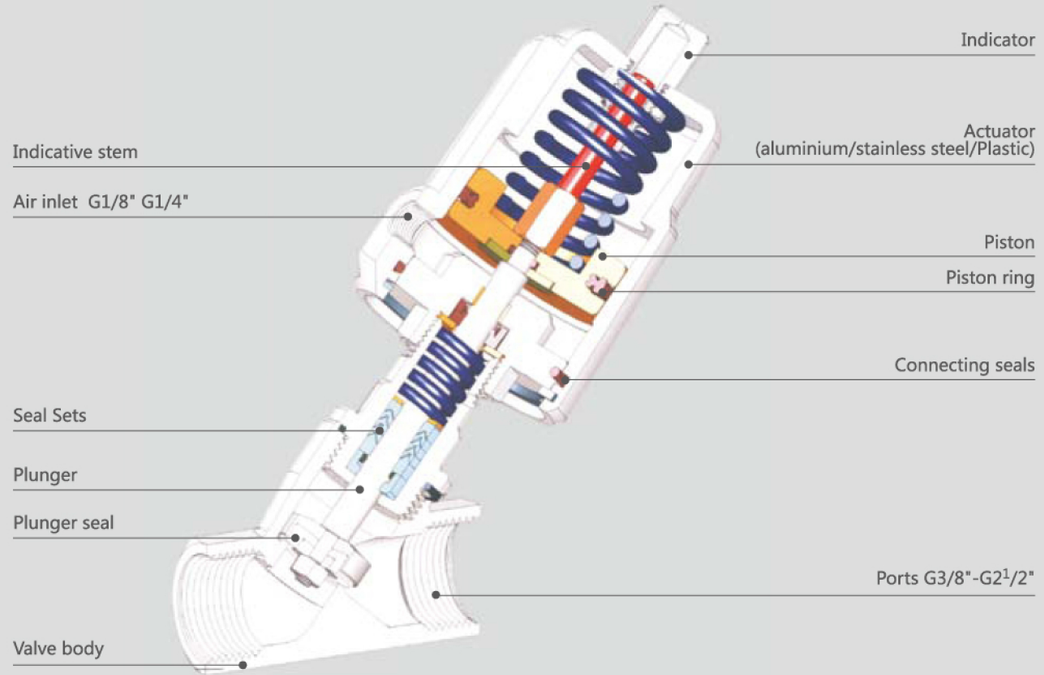
Y–Angle Valve & 5/2way Solenoid Valve

Angle seat valve

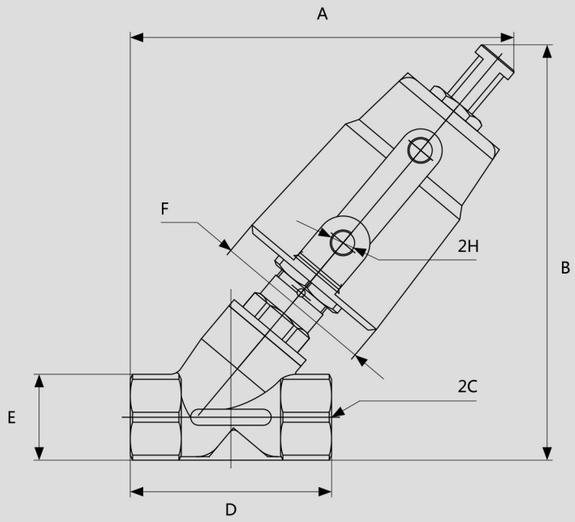


Specification

Orifice: DN15-DN50
Thread: G3/8" -G2 1/2"
Valve material: stainless steel 304 / 316
Actutaor material: aluminium or stainless steel
Valve core seal: PTFE
Valve stem seal: PTFE / FKM
Applicable medium: water, liquid, natural gas, water steam, slight corrosive gas.
Medium temperature: -10℃ ~180℃
Environment temperature: -10℃ ~60℃
Viscidity: 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



Overall dimension



Body：SUS316　　Head：Aluminum

Model	Actuator size	A	B	C	D	E	F	H
RJQ2240-10	40mm	127.5	136	G3/8"	68.5	27	50	G1/8"
RJQ2250-10	50mm	140	150	G3/8"	68.5	27	60.5	G1/8"
RJQ2240-15	40mm	127.5	136	G1/2"	68.5	27	50	G1/8"
RJQ2250-15	50mm	140	150	G1/2"	68.5	27	60.5	G1/8"
RJQ2250-20	50mm	143	155	G3/4"	75	32	60.5	G1/8"
RJQ2250-25	50mm	163.5	176	G1	90	39	60.5	G1/8"
RJQ2263-25	63mm	174.5	189.5	G1	90	39	77	G1/8"
RJQ2263-32	63mm	190.5	207.5	G1-1/4"	117	50	77	G1/8"
RJQ2263-40	63mm	190.5	207.5	G1-1/2"	117	55	77	G1/8"
RJQ2263-50	63mm	219.5	232.5	G2"	145	70	77	G1/4"
RJQ2280-50	80mm	233	253	G2"	145	70	98	G1/4"
RJQ22100-65	100mm	270	290.5	G2-1/2"	170	85	116	G1/4"

Body：SUS316　　Head：SUS304

Model	Actuator size	A	B	C	D	E	F	H
RJQ22S40-10	40mm	127.5	136	G3/8"	68.5	27	50	G1/8"
RJQ22S50-10	50mm	140	150	G3/8"	68.5	27	60.5	G1/8"
RJQ22S40-15	40mm	127.5	136	G1/2"	68.5	27	50	G1/8"
RJQ22S50-15	50mm	140	150	G1/2"	68.5	27	60.5	G1/8"
RJQ22S50-20	50mm	143	155	G3/4"	75	32	60.5	G1/8"
RJQ22S50-25	50mm	163.5	176	G1	90	39	60.5	G1/8"
RJQ22S63-25	63mm	174.5	189.5	G1	90	39	77	G1/8"
RJQ22S63-32	63mm	190.5	207.5	G1-1/4"	117	50	77	G1/8"
RJQ22S63-40	63mm	190.5	207.5	G1-1/2"	117	55	77	G1/8"
RJQ22S63-50	63mm	219.5	232.5	G2"	145	70	77	G1/4"
RJQ22S80-50	80mm	233	253	G2"	145	70	98	G1/4"
RJQ22S100-65	100mm	270	290.5	G2-1/2"	170	85	116	G1/4"

Technical specification

Model	Working pressure	Orifice (mm)	Actuator size (mm)	Kv value (m3/k)	180℃ Max. pressure	Single action normal close (MPa)		Double action normal close (MPa)		Double acting control pressure (MPa)	
						Pressure range	Control pressure	Pressure range	Control pressure	Double acting assistant	Liberty state
RJQ22S40-10	1.6MPa	13mm	40mm	3.7	1.6MPa	0-1.6	≥ 0.4			≥ 0.4	0-0.2
RJQ22S50-10		13mm	50mm	3.7		0-1.6	≥ 0.3	0-1.6	0.3	≥ 0.3	0-0.1
RJQ22S40-15		13mm	40mm	4.2		0-1.6	≥ 0.4			≥ 0.4	0-0.2
RJQ22S50-15		13mm	50mm	4.2		0-1.6	≥ 0.3	0-1.6	0.3	≥ 0.4	0-0.1
RJQ22S50-20		18mm	50mm	9.0		0-1.6	0.3-0.4	0-1.6	0.3	0.3-0.4	0-0.2
RJQ22S50-25		22mm	50mm	18.5		0-1.6	0.3-0.55			0.3-0.55	0-0.35
RJQ22S63-25		22mm	63mm	18.5		0-1.6	0.3-0.35	0-1.6	0.35	0.3-0.35	0-0.2
RJQ22S63-32		31mm	63mm	36.5		0-1.6	0.3-0.5	0-1.4	0.4	0.3-0.5	0-0.4
RJQ22S63-40		35mm	63mm	42		0-1.6	0.3-0.6	0-1.1	0.4	0.3-0.6	0-0.5
RJQ22S63-50		45mm	63mm	54.6		0-1.0	0.3-0.65	0-1.6	0.4	0.3-0.65	0-0.8
RJQ22S80-50		45mm	80mm	54.6		0-1.6	0.3-0.65	0-1.2	0.4	0.3-0.65	0-0.5
RJQ22S100-65		58mm	100mm	90		0-1.6	0.3-0.65	0-1.2	0.4	0.3-0.65	0-0.4