

ZF Angel-Seat Valve



● ZF-B



● ZF-T

Graphics Sign



● ZF-□ B

● ZF-□ T

Ordering Code

ZF	15	B
Series	Pipe size 15 : ZG1/2 20 : ZG3/4 25 : ZG1 32 : ZG1 1/4 40 : ZG1 1/2 50 : ZG2 65 : ZG2 1/2	Channels B : Normal Closed T : Normal Opened

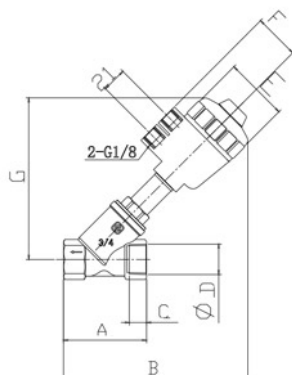
Specific Property

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 (m3/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.

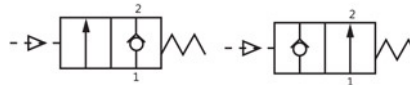
ZF Angel—Seat Valve

Stainless Steel

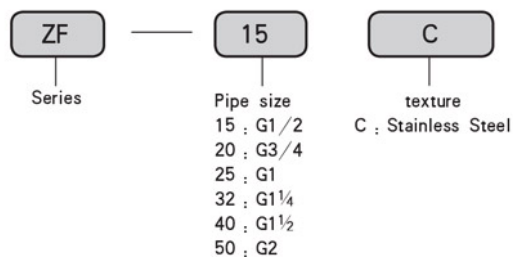


● ZF-C

Graphics Sign



Ordering Code

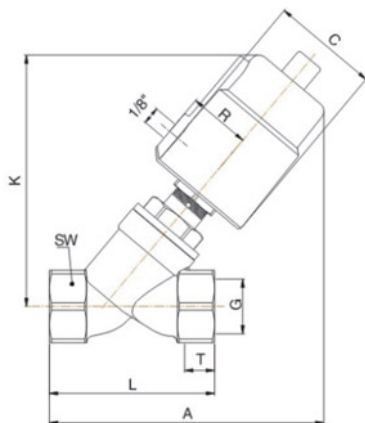


Specific Property

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

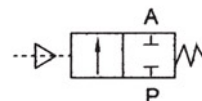
Item \ Specification	ZF-C
Using fluid pressure	Max 1.6MPa
Control air pressure	0.3~0.8MPa
Control gas source media	Neutral gas or air
Body Material	CF8M/CF8
Sealing materials	PTFE
Cylinder material	CF8
For media	Water, alcohol, oil, fuel, neutral gas or a liquid, acid solution, etc.
Medium viscosity	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(m³/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

ZF-A Series Angel-seat Valve

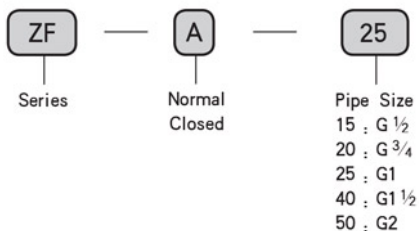


Graphics Sign



● ZF-A-35 ● ZF-A-40 ● ZF-A-50 ● ZF-A-15 ● ZF-A-20 ● ZF-A-25

Ordering Code



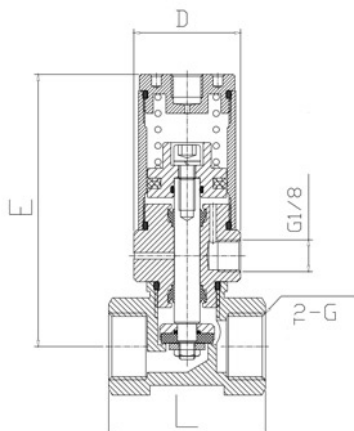
Character

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 1½	G ¾	G1	G1 ¼	G1 ½	G2
Nominal Diameter (mm)	23			34		
Applicable Medium	Air、Water、Oil(50CST Below)					
Pressure Range	0 ~ 0.8Mpa					
Medium Temperature	-5℃ ~ 60℃(No Freeze)					
Control Pressure Range	0.3 ~ 0.8Mpa					

Figure Dimension



Specification	L	D	G	E
DN15	48	ø30	G 1/2	84
DN20	55	ø36.5	G 3/4	91
DN25	68	ø44.6	G1	96
DN35	84	ø70	G1 1/4	140
DN40	84	ø70	G1 1/2	140
DN50	100	ø70	G2	145