

Preparation unit——G Series

GZ Series safe on-off valve



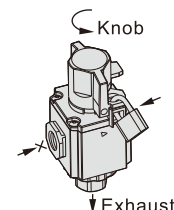
Symbol



Product feature

1. It is module design and can be used with G/GA series F.R.L. combination by bracket.
2. This valve can be used as manual 3/2 way valve.
3. Visual indication marked EXH/SUP.
4. This valve meets the standard on installation conducted by operator specified by OSHA(Occupational Safety & Health Administration). When the machinery is maintained and serviced, the purge valve (Safe on-off valve) for remaining pressure shall be used to eliminate the remaining pressure when the air source is cut off. Valve must be locked to prevent accidental operation by a third party during maintenance. This prevents accidental system pressurization & cylinder actuation which can result in injuries to the machine operator.

During Maintenance



Specification

Model	GZ200-06	GZ200-08	GZ300-08	GZ300-10	GZ300-15	GZ400-10	GZ400-15
Fluid	Air						
Port size [Note1]	1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"
Exhaust port size	1/4"		3/8"			1/2"	
Acting type	Manual						
Valve type	3 port 2 way						
Pressure range	0~1.0MPa(0~145psi)						
Proof pressure	1.5MPa(215psi)						
Temperature range	-20~70℃						
Operation angle	90°						
Suitable F.R.L type	GC200-06	GC200-08	GC300-08	GC300-10	GC300-15	GC400-10	GC400-15
	GAC200-06	GAC200-08	GAC300-08	GAC300-10	GAC300-15	GAC400-10	GAC400-15

[Note1] PT thread, G thread and NPT thread are available.

Ordering code

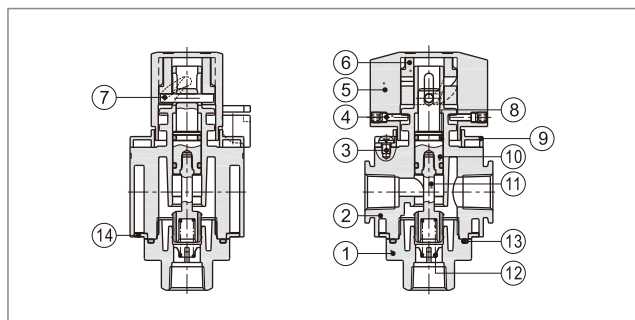
GZ300 10 □ G

① ② ③ ④

①Model	②Port size	③Accessories	④Thread type
GZ200: 200 Series soft on-off valve	06: 1/8" 08: 1/4"	Blank: Bracket J: No bracket(standard configuration)	Blank: PT G: G T: NPT
GZ300: 300 Series soft on-off valve	08: 1/4" 10: 3/8" 15: 1/2"		
GZ400: 400 Series soft on-off valve	10: 3/8" 15: 1/2"		

Note : When it is used with F.R.L. combination, extra mounting bracket needed. Please refer to P181 for order detail.

Inner structure



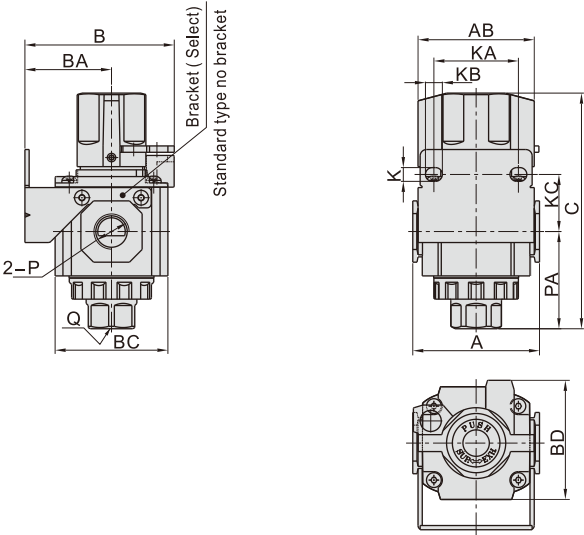
No.	Item	No.	Item	No.	Item
1	Valve cap	6	Fixing plate	11	Plug
2	Body	7	pin	12	Spring
3	Screw	8	O-ring	13	O-ring
4	Operating screw	9	Cover	14	Cover
5	Adjusting screw	10	Spool		

Preparation unit——G Series



GZ Series safe on-off valve

Dimensions



Model\Item	A	AB	B	BA	BC	BD	C	K	KA	KB	KC	P	PA	Q
GZ20006	47	42	52.6	30	40	42.5	89	5.5	27	8.5	23	1/8"	36.5	1/4"
GZ20008												1/4"		1/4"
GZ30008	60	55	70.7	41	53.5	56.5	112.5	6.5	40	8	27	1/4"	46	3/8"
GZ30010												3/8"		3/8"
GZ30015												1/2"		3/8"
GZ40010	75	65	83.9	50	64	66	134	8.5	55	11	33.5	3/8"	58.5	1/2"
GZ40015												1/2"		1/2"

