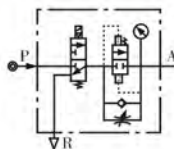


ACCESSORIES

GV SERIES SOFT START-UP VALVE

AIRTAC

■ Symbol



■ Features

Soft start-up valve is used to bring pressure safely in pneumatic system and make the security effect. The aerated conduit connects with P in soft start-up valve. To be electrified, the 3/2 way valve is opened. Then few of air is transited to A via needle valve, which produces the pressure in system. When the output pressure is equal to the half of input pressure, the soft start-up valve opens completely, and the flow capacity is in maximum. When the electricity is broken, P will be closed, and air will return to R check valve and put out quickly. Then the systematic pressure turn to Zero, which plays a prevent effect to the whole system.

■ Specification

Model	GV200-06	GV200-08	GV300-08	GV300-10	GV300-15	GV400-10	GV400-15
Fluid	Air						
Port size	1/8"	1/4"	3/8"	1/2"	3/8"	1/2"	1/2"
Pressure range	2.5~9.0bar (0.25~0.9MPa) (35~130psi)						
Proof pressure	1.5bar (1.5MPa) (215psi)						
Temperature	5~60℃						
Acting type	Solenoid Control						
Exhaust port size	1/4"	3/8"	1/2"	3/4"	1/2"	3/4"	1/2"
Power connection	Terminal, Grommet						
Standard Voltage	AC380V 50Hz, AC220V 50Hz, AC110V 50Hz, AC24V 50Hz, DC24V, DC12V						
Voltage range	-15%Us~10%Us						
Insulation	Class B						
Power consumption	AC380V: 2.5VA, AC220V: 2.0VA, AC110V: 2.5VA, AC24V: 3.5VA, DC24V: 3.0W, DC12V: 2.5W						
Option: pressure gauge	F: Square pressure gauge, C: Round pressure gauge						
Suitable F.R.L type	GC200-06	GC200-08	GC300-08	GC300-10	GC300-15	GC400-10	GC400-15

*BSPP, PT thread are available.

■ Ordering code

Model	Port size	Accessories	Pressure gauge	Pressure gauge shape	Scale	Voltage	Thread
GV200: 200 Series Soft start-up valve	06: 1/8" 08: 1/4"	Blank: Bracket *	Blank: Pressure gauge N: No pressure gauge	F: Square C: Round	1: MPa 2: psi 3: bar	A: AC220V(50/60Hz) B: DC24V C: AC110V(50/60Hz) D: AC380V(50/60Hz) E: AC24V(50/60Hz) F: DC12V	Blank: PT G: BSPP T: NPT
GV300: 300 Series Soft start-up valve	08: 1/4" 10: 3/8" 15: 1/2"	J: No Bracket * T: With T Shape Bracket ** L: With L Shape Bracket ** U: With U Shape Bracket **					
GV400: 400 Series Soft start-up valve	10: 3/8" 15: 1/2"						

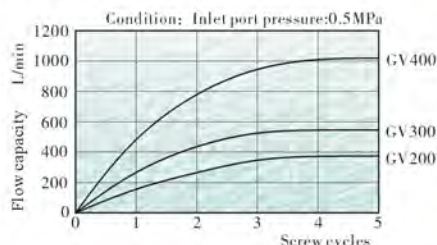
*: Bracket type for individual application

** : Bracket type for combine with GC or GFC (Refer to P II -36 for details)

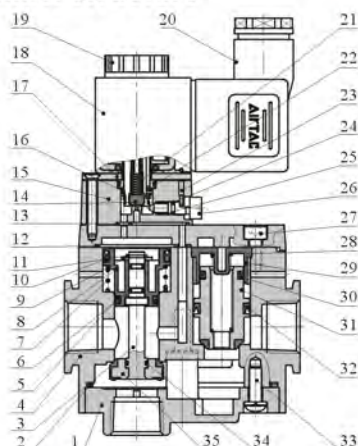


GV SERIES SOFT START-UP VALVE

■ Flow chart



■ Inner structure

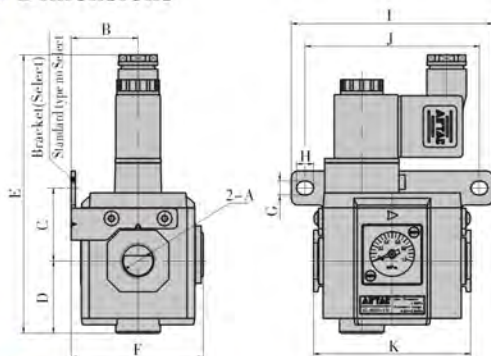


NO.	Item	NO.	Item
1	Bottom cover	19	Nut
2	Gasket	20	Connector
3	Spool	21	Spring
4	Body	22	O-ring
5	O-ring	23	Manual override block
6	O-ring	24	O-ring
7	Spring	25	Spring
8	Inlet piston	26	Manual override
9	Piston gasket	27	Fixed screw
10	O-ring	28	Spring
11	Snap ring	29	Valve cover
12	Gasket	30	O-ring
13	Gasket	31	Valve spool
14	Gasket	32	O-ring
15	Pilot kit	33	Fixed screw
16	Spring	34	O-ring
17	Fixed plate	35	Inlet plug
18	Coil set		

■ Material of major parts

Type \ Item	Bottom Cover	Inlet Piston	Pilot Body	Fixed Plate	Valve Cover	Spool	Inlet Plug	Spring	Snap Ring	O-ring	Gasket
GV200	ADC-10	POM	Aluminum alloy	Iron (Nickel plated)	POM	Brass+NBR		Stainless Steel	Spring Steel	NBR	NBR
GV300		6061-T6			6061-T6						
GV400											

■ Dimensions



Item/Model	GV200		GV300			GV400	
	06	08	08	10	15	10	15
A	1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"
B	24.5		31.5			40.5	
C	30.3		34.3			39	
D	30.4		34			40.5	
E	124.5		131			142.4	
F	56.7		62.2			79.7	
G	5.4		6.5			8.5	
H	8		8			11	
I	80		95			120	
J	67		82			102	
K	59		74			90	