A08 Series

3/5-Port Direct Operated Solenoid Valve
Metal Seal, In-line mounting/Sub-base Mounting type

AS2308
3□2-position, single solenoid
AS2408
5□2-position, single solenoid
AD2408
5□2-position, double solenoid
AD3408
5□3-position, closed center
ADE3408
5□3-position, ABR connect

Specifications

Model No.				Unit	AS2308	AS2408	AD2408	AD3408	ADE3408
Fluid					Non-lubricated/lubricated air				
Port size					Rc¼, ⅜				
Effective area				mm^2	22	30	30	25	25
CV value					1.19	1.63	1.63	1.36	1.36
Operating ambient temperature				℃	-5~60				
Operating pressure range				MPa	-0.1~1				
Maximum frequency				cycle/min	400	400	400	250	250
Response time (at 0.5MPa)				s (average)	0.013	0.015	0.01	0.015	0.015
Rated voltage				V	AC/110, 220				
Grade of insulation					JIS grade B				
Permission voltage fluctuation				%	±10				
Rated frequency				Hz	50/60				
Apparent power	AC	Activation	50Hz	VA	25			25	
			60Hz	VA	14			14	
		Continuous	50Hz	VA	130			170	
			60Hz	VA	110			140	
Mass				kg	0.7	1.0	1.4	1.5	1.5

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Representation

- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5℃
- Response time shown above is in accordance with JIB B 8375
- Effective area shown above is a value between ports 1 and 2, 4

Parts Name		Model No.
Solenoid unit for 2-position	AC110V	A08-10510
	AC220V	A08-20520
Solenoid unit for 3-position	AC110V	A08-10910
	AC220V	A08-20920
Sub-base	Rc¼	A08-SB-02
	Rc⅜	A08-SB-03
Base gasket		A08-G
Spring	For 2-position	A08-SS
	For 3-position	A08-3S

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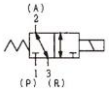
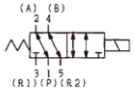
AS2408 – 02 – 110 P

Model No.

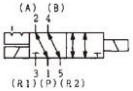
AS2308



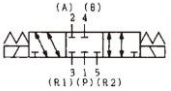
AS2408



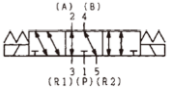
AD2408



AD3408



ADE3408



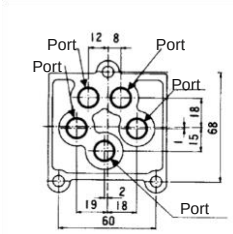
Versions
- No mark : Standard
- I : With indicator light
- K : With surge suppressor
- P : With indicator light & surge suppressor

Voltage
- 110: AC110V
- 220: AC220V

Port size
- 02: Rc¼
- 03: Rc⅜

A

Optional Parts and Spare Parts



Port size: Rc¼
Bottom porting is made to order

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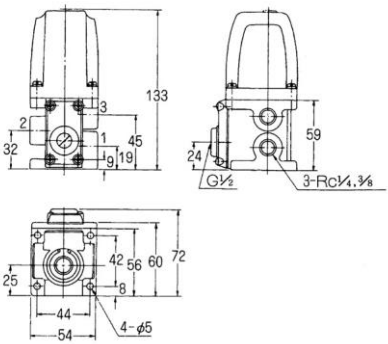
AS2308 (Unit: mm)



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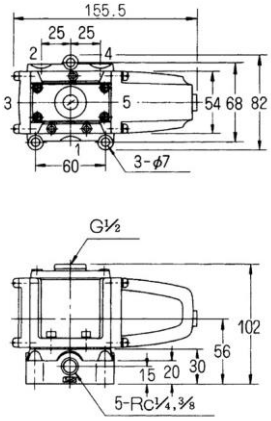

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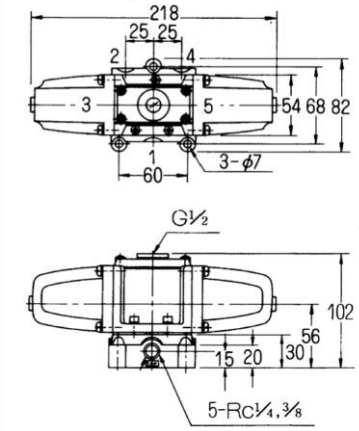
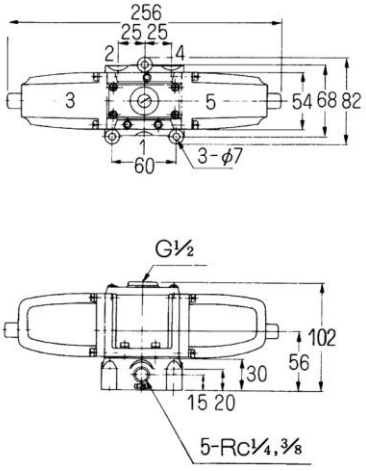


AD3408, ADE3408 (Unit: mm)



Bottom porting (Unit: mm)

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