

A10 Series

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

AS2310

3□2-position, single solenoid

AS2410

5□2-position, single solenoid

AD2410

5□2-position, double solenoid

AD3410

5□3-position, closed center

ADE3410

5□3-position, ABR connect



Specifications

Model No.				Unit	AS2310	AS2410	AD2410	AD3410	ADE3410
Fluid					Non-lubricated/lubricated air				
Port size					Rc%, ½				
Effective area				mm ²	38	50	50	50	50
CV value					2.06	2.71	2.71	2.71	2.71
Operating ambient temperature				℃	-5~60				
Operating pressure range				MPa	-0.1~1				
Maximum frequency				cycle/min	350	350	350	200	200
Response time (at 0.5MPa)				s (average)	0.016	0.02	0.015	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	36			36	
			60Hz	VA	27			27	
		Continuous	50Hz	VA	290			430	
			60Hz	VA	250			360	
Mass				kg	1.3	1.9	2.7	2.9	2.9

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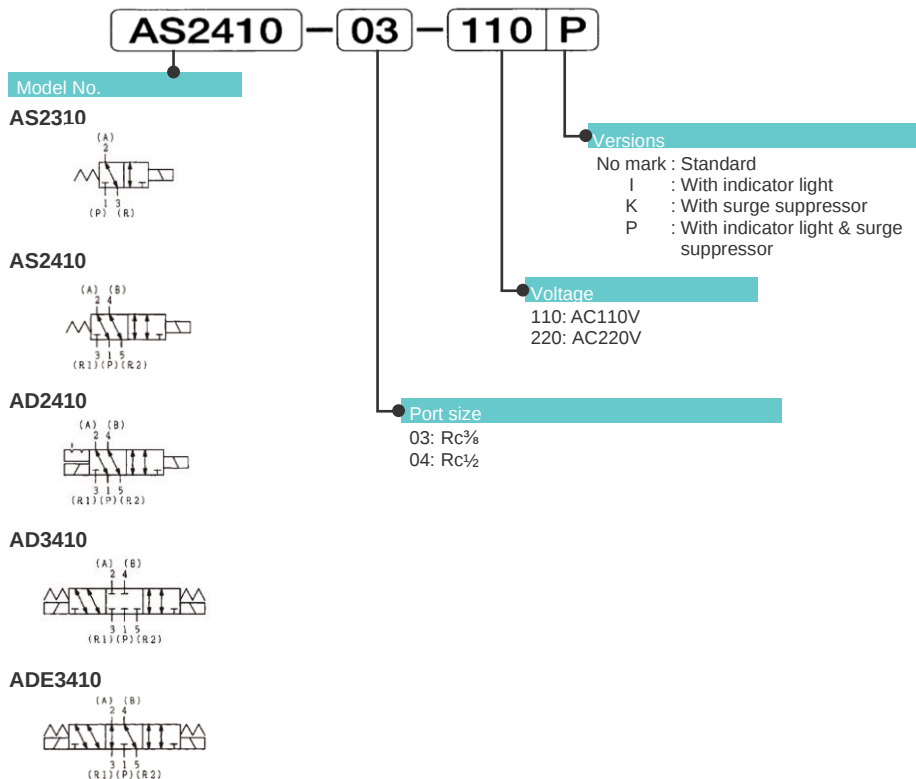
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Email : sales@gentle.com.my / myfontal@gmail.com



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

F10



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Optional Parts and Spare Parts

Parts Name		Model No.
Solenoid unit for 2-position	AC110V	A10-10610
	AC220V	A10-20620
Solenoid unit for 3-position	AC110V	A10-11310
	AC220V	A10-21320
Sub-base	Rc $\frac{3}{8}$	A10-SB-03
	Rc $\frac{1}{2}$	A10-SB-04
Base gasket		A10-G
Spring	For 2-position	A10-SS
	For 3-position	A10-3S

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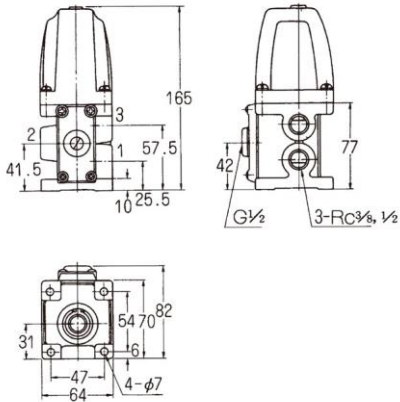
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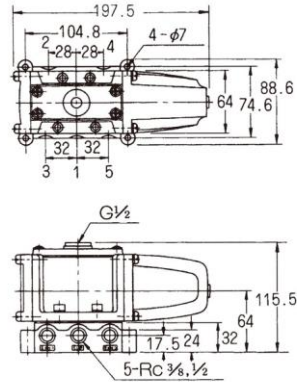
AS2310

(Unit: mm)



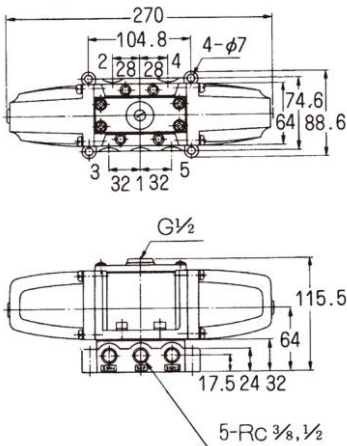
AS2410

(Unit: mm)



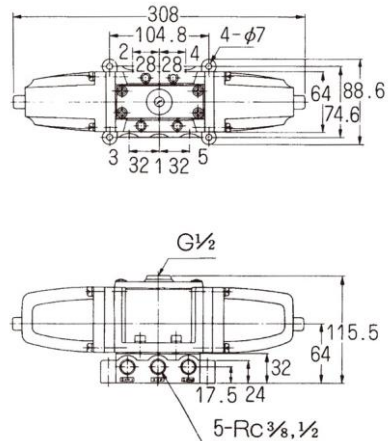
AD2410

(Unit: mm)



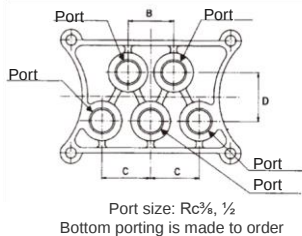
AD3410, ADE3410

(Unit: mm)



Bottom porting

(Unit: mm)



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