

A06 Series

3/5-Port Direct Operated Solenoid Valve

Metal Seal, In-line mounting/Sub-base Mounting type

AS2306

3□2-position, single solenoid

AS2406

5□2-position, single solenoid

AD2406

5□2-position, double solenoid

AD3406

5□3-position, closed center

ADE3406

5□3-position, ABR connect



Specifications

Model No.	Unit	AS2306	AS2406	AD2406	AD3406	ADE3406
Fluid		Non-lubricated/lubricated air				
Port size		Rc $\frac{1}{8}$, $\frac{1}{4}$				
Effective area	mm ²	9	10	10	9	9
CV value		0.49	0.54	0.54	0.49	0.49
Operating ambient temperature	°C	-5~60				
Operating pressure range	MPa	-0.1~1				
Maximum frequency	cycle/min	600	600	600	360	360
Response time (at 0.5MPa)	s (average)	0.012	0.013	0.012	0.015	0.015
Rated voltage	V	AC/110, 220				
Grade of insulation		JIS grade B				

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Permission voltage fluctuation				%	±10				
Rated frequency				Hz	50/60				
Apparent power	AC	Activation	50Hz	VA	13			13	
			60Hz	VA	8.5			8.5	
		Continuous	50Hz	VA	37			43	
			60Hz	VA	32			39.5	
Mass				kg	0.34	0.47	0.66	0.68	0.68



- 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

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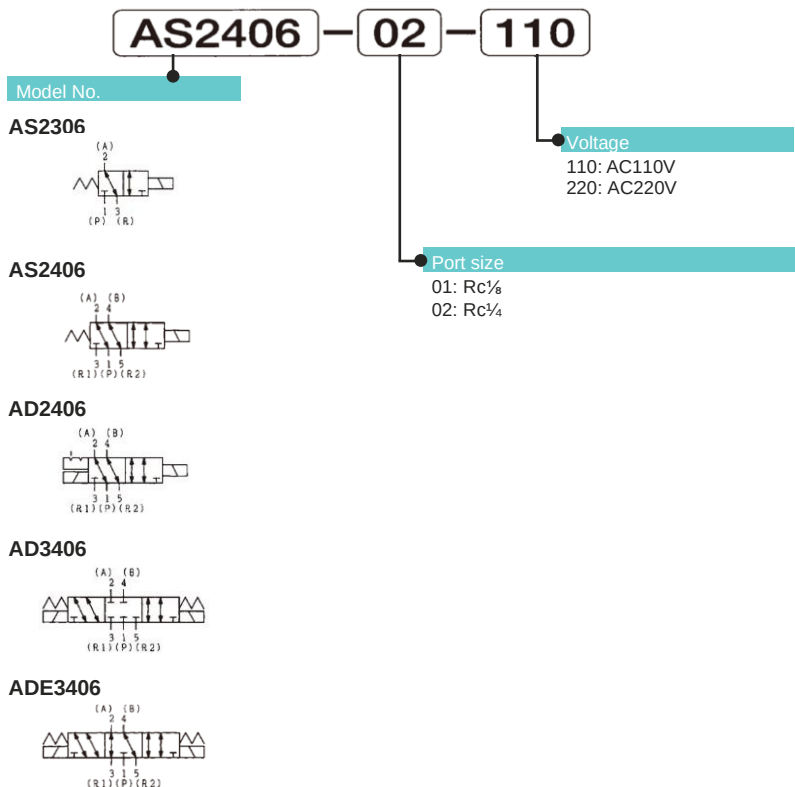
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Optional Parts and Spare Parts

Parts Name		Model No.
Solenoid	AC110V	A06-10310
	AC220V	A06-20310
Sub-base	Rc¼	A06-SB-01
	Rc¼	A06-SB-02
Base gasket		A06-G
Spring	For 2-position	A06-SS
	For 3-position	A06-3S

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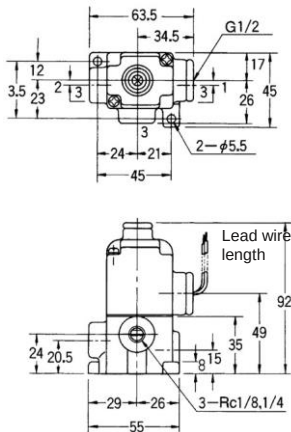
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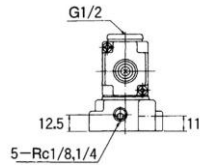
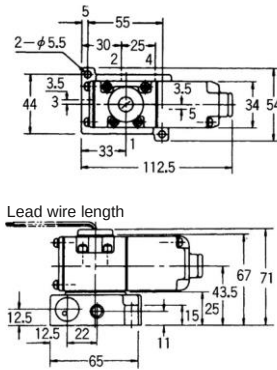
AS2306

(Unit: mm)



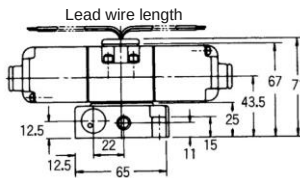
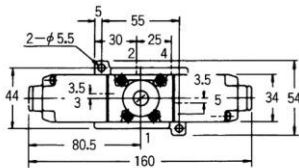
AS2406

(Unit: mm)

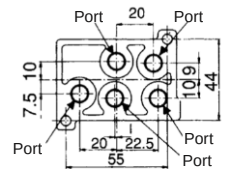


AD2406

(Unit: mm)



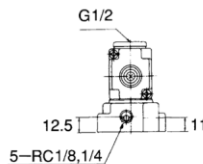
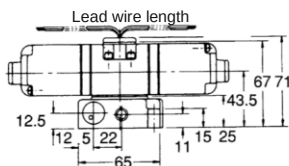
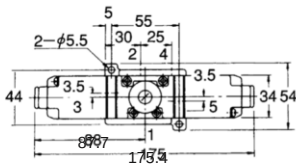
Bottom porting (Unit: mm)



Port size: Rc½
Bottom porting is made to order

AD3406, ADE3406

(Unit: mm)



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