

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)		$\frac{s}{(average)}$	0.012	0.013	0.012	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	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

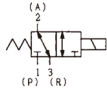


- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C
- Response time shown above is in accordance with JIB B 8375
- Effective area shown above is a value between ports 1 and 2, 4

AS2406 - **02** - **110**

Model No.

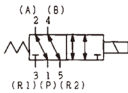
AS2306



Voltage

110: AC110V
220: AC220V

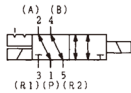
AS2406



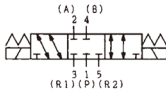
Port size

01: Rc $\frac{1}{8}$
02: Rc $\frac{1}{4}$

AD2406



AD3406



ADE3406



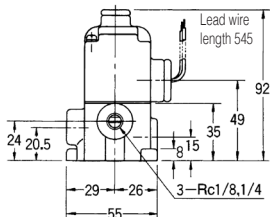
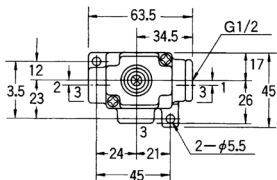
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Optional Parts and Spare Parts

Parts Name		Model No.
Solenoid	AC110V	A06-10310
	AC220V	A06-20310
Sub-base	Rc $\frac{1}{8}$	A06-SB-01
	Rc $\frac{1}{4}$	A06-SB-02
Base gasket		A06-G
Spring	For 2-position	A06-SS
	For 3-position	A06-3S

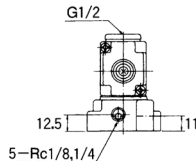
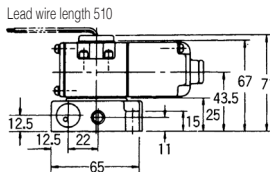
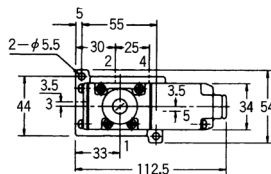
AS2306

(Unit: mm)



AS2406

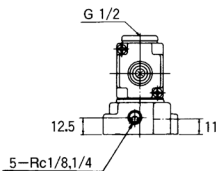
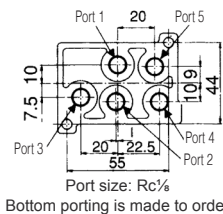
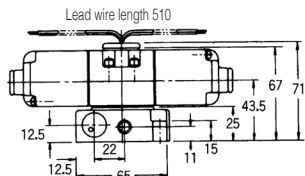
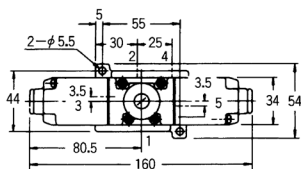
(Unit: mm)



AD2406

(Unit: mm)

Bottom porting (Unit: mm)



AD3406, ADE3406

(Unit: mm)

