

A25 Series

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

- AS2325**
3□2-position, single solenoid
- AS2425**
5□2-position, single solenoid
- AD2425**
5□2-position, double solenoid
- AD3425**
5□3-position, closed center
- ADE3425**
5□3-position, ABR connect

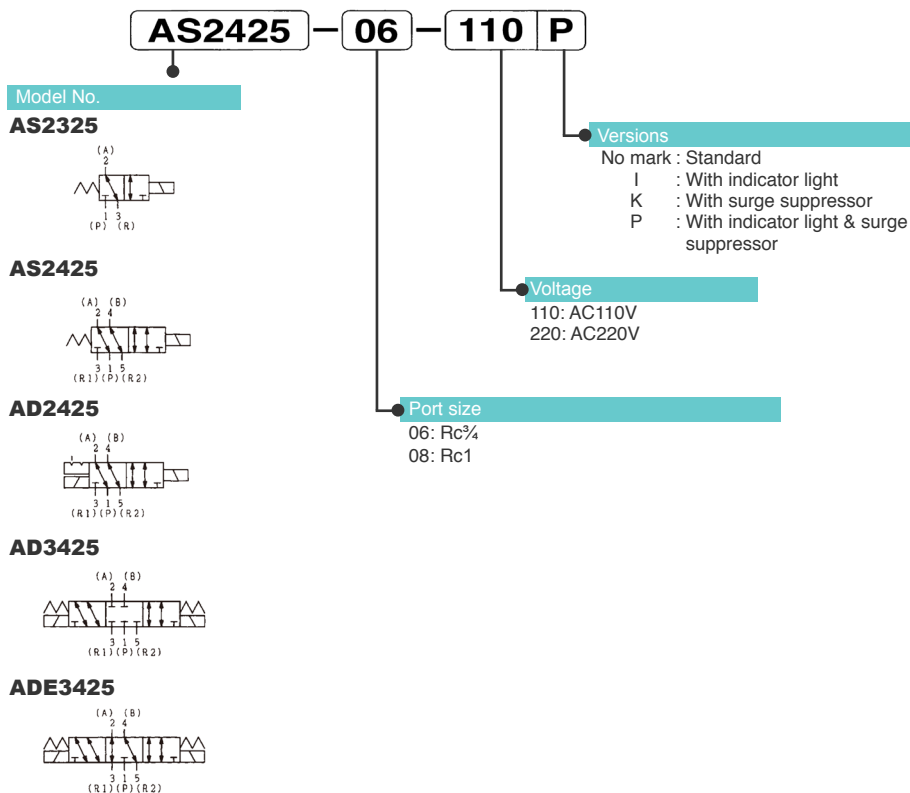


Specifications

Model No.				Unit	AS2325	AS2425	AD2425	AD3425	ADE3425
Fluid					Non-lubricated/lubricated air				
Port size					Rc¾, 1, 1¼				
Effective area				mm²	190	180	180	180	180
CV value					10.3	9.76	9.76	9.76	9.76
Operating ambient temperature				℃	-5~60				
Operating pressure range				MPa	-0.1~1				
Maximum frequency				cycle/min	60	60	60	60	60
Response time (at 0.5MPa)				s (average)	0.035	0.035	0.030	0.035	0.035
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	80			80	
			60Hz	VA	80			80	
		Continuous	50Hz	VA	800			1400	
			60Hz	VA	800			1400	
Mass				kg	4.5	7.5(9)	12.8(14.3)	9(10.5)	9(10.5)



- 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
- Mass in bracket()shown with Rc $\frac{3}{4}$ ported sub-base.

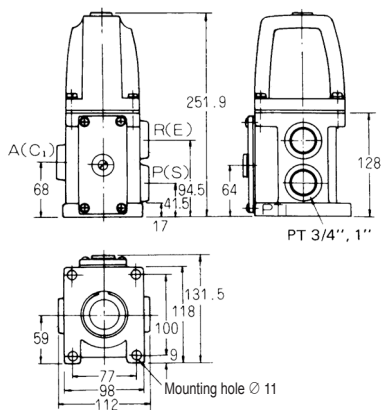


Optional Parts and Spare Parts

Parts Name		Model No.
Solenoid unit for 2-position	AC110V	A25-10810
	AC220V	A25-20880
Solenoid unit for 3-position	AC110V	A25-12510
	AC220V	A25-12520
Sub-base	Rc $\frac{3}{4}$	A25-SB-06
	Rc1	A25-SB-08
Base gasket		A25-G
Spring	For 2-position	A25-SS
	For 3-position	A25-3S

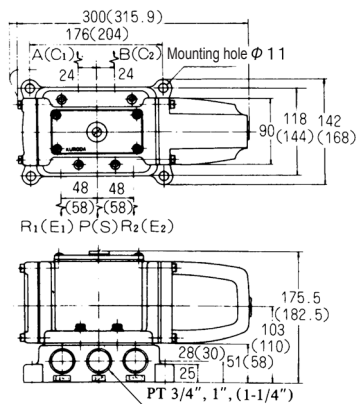
AS2325

(Unit: mm)



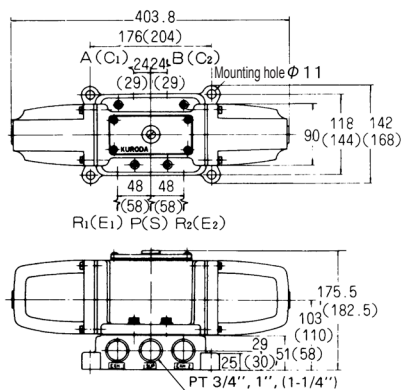
AS2425

(Unit: mm)



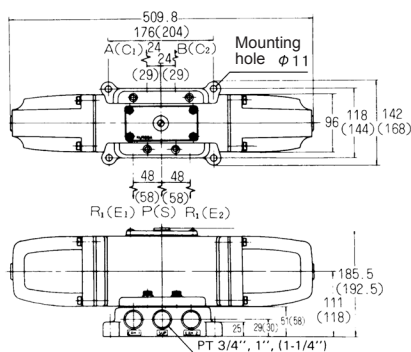
AD2425

(Unit: mm)



AD3425, ADE3425

(Unit: mm)



(Note) Dimensions in bracket() shown with Rc3/4 ported sub-base.