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				
Effective area				mm^2	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)

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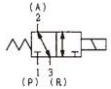
- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5℃
- Response time shown above is in accordance with JIB B 8375● Effective area shown above is a value between ports 1 and 2, 4 ● Mass in bracket( )shown with Rc¾ ported sub-base.

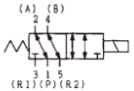
AS2425 — 06 — 110 P

Model No.

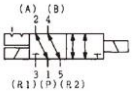
AS2325



AS2425



AD2425



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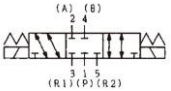
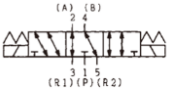


ADE3425



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
- 06: Rc¾
- 08: Rc1

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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	Rc¾	A25-SB-06
	Rc1	A25-SB-08
Base gasket		A25-G
Spring	For 2-position	A25-SS
	For 3-position	A25-3S

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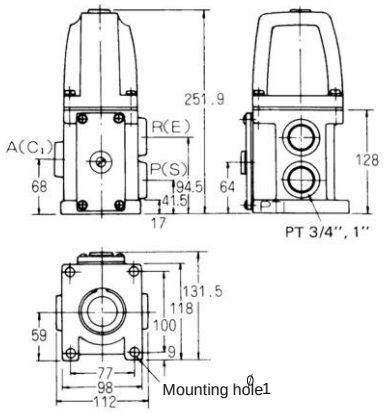
(Note) Dimensions in bracket( )shown with Rc¾ ported sub-base.

AS2325 (Unit: mm)



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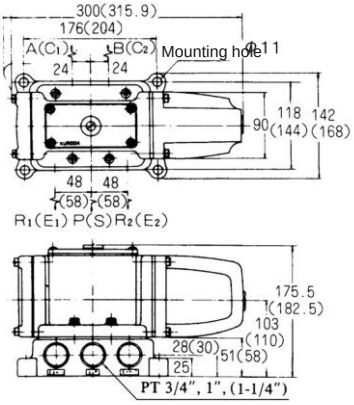

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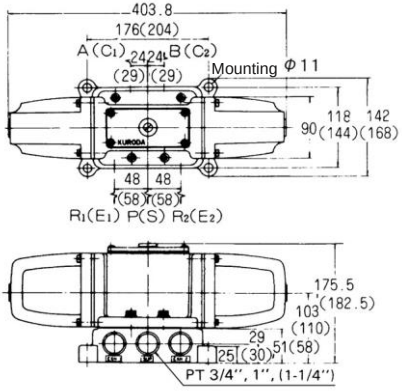
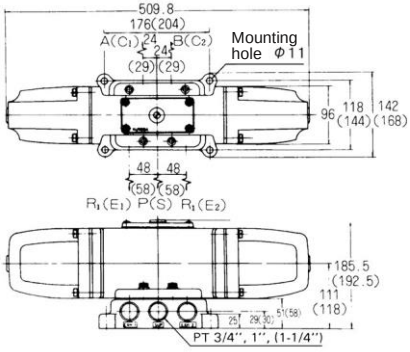


AD3425, ADE3425 (Unit: mm)



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