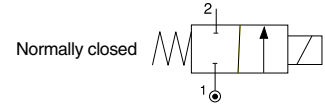


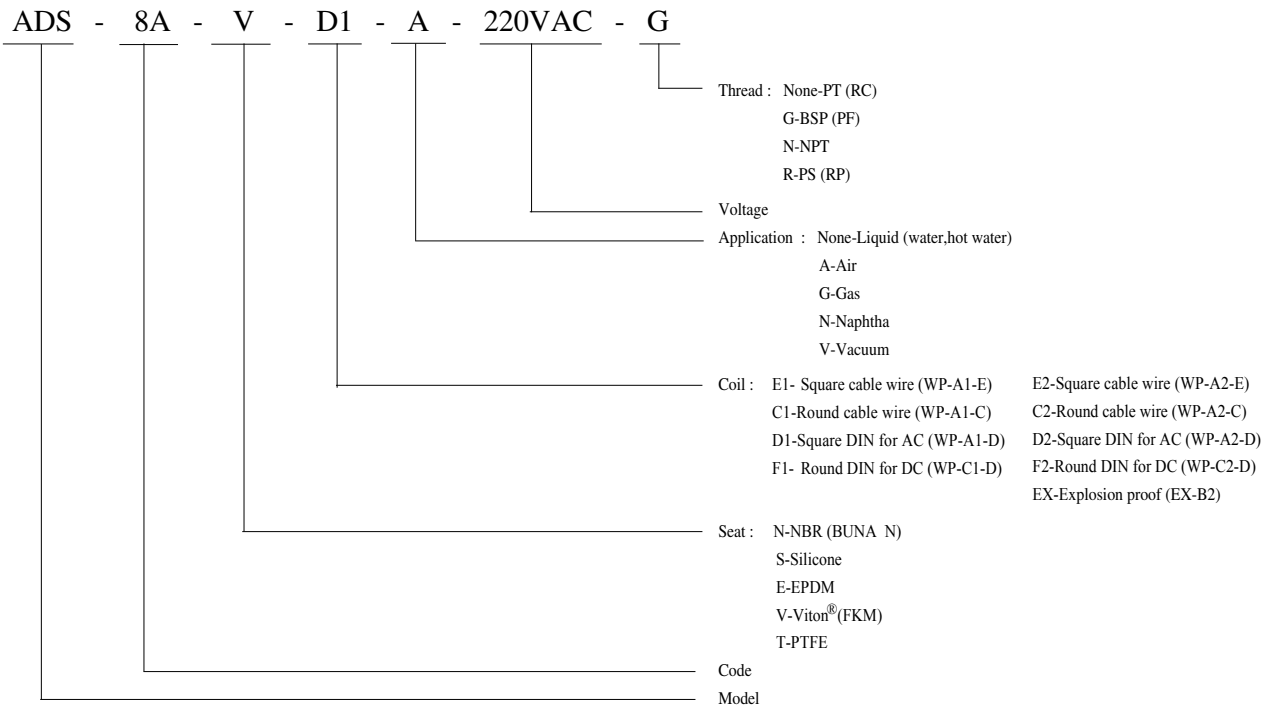
# ADS 2/2-way solenoid valve of stainless steel 316 body for slight acid & alkali-resistant application



## Direct-operated Type

Model	Port size	Orifice (mm)	CV value	Fluid temp. (°C)	Seat disc	Differential pressure kg/cm <sup>2</sup> (bar)					Wt. (kg)
						Liquid	Air	Gas	slight acid & alkali	Vacuum	
ADS - 8A	1/4 "	3	0.26	-10	NBR	0-10	0-10	0-10	0-10	0-10 <sup>-6</sup> torr	0.47
ADS - 8B	1/4 "	4	0.58			0-7	0-7	0-7	0-7	0-10 <sup>-6</sup> torr	0.47
ADS - 8C	1/4 "	5	0.64			0-5	0-5	0-5	0-5	0-10 <sup>-6</sup> torr	0.47
ADS - 10A	3/8 "	4	0.58	∫	EPDM	0-10	0-10	0-10	0-10	0-10 <sup>-6</sup> torr	0.73
ADS - 10B	3/8 "	6	0.79			0-5	0-5	0-5	0-5	0-10 <sup>-6</sup> torr	0.73
ADS - 10C	3/8 "	8	0.97			0-2	0-2	0-2	0-2	0-10 <sup>-6</sup> torr	0.73
ADS - 12A	1/2 "	6	0.79	120	PTFE	0-5	0-5	0-5	0-5	0-10 <sup>-6</sup> torr	0.78
ADS - 12B	1/2 "	8	0.97			0-2	0-2	0-2	0-2	0-10 <sup>-6</sup> torr	0.78

## How to order



### Notes:

1. Direct-acting valves are ideally suited to operate at any angle.
2. Voltage drop range is within ±10%.
3. Pressure of voltage DC is 70% of voltage AC only.
4. Max. temperature is up to 120°C.
5. Selection of coil refer to page 136~139.
6. Silver shading ring is custom-made.

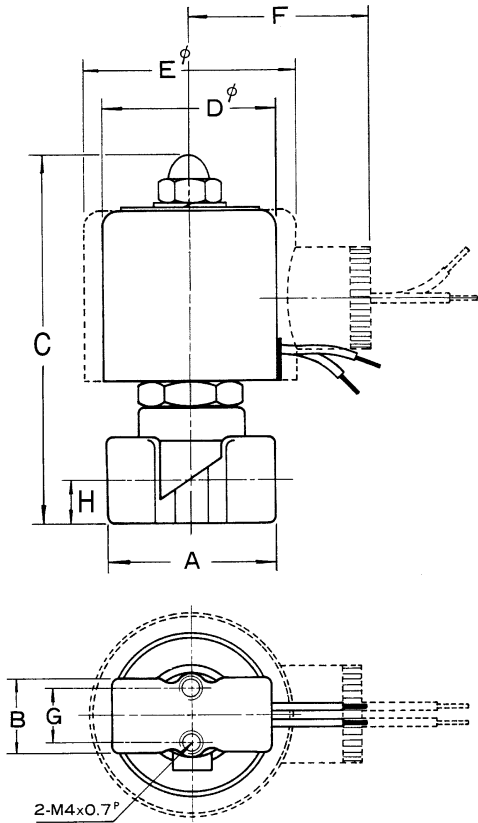
### Inapplicable Fluids:

1. Fluids that have kinematic viscosity over 50 CST.
2. Fluids that will turn to liquid after being heated and become solid after being cooled.
3. Strong corrosive fluids.

# ADS 2/2-way solenoid valve of stainless steel 316

body for slight acid & alkali-resistant application

## ● ADS-8A~12B Contour Specification Chart



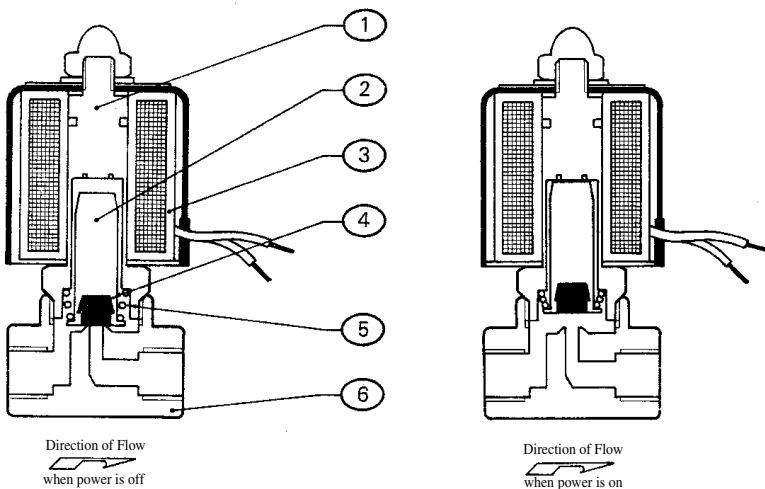
## ● Specifications

Unit:mm

Item Model	A	B	C	D	E	F	G	H	Coil Model
ADS-8A~8C	41	19	89	41.5	--	22	15	10.5	WP-A1-C
	41	19	85	53	--	63	15	10.5	WP-A1-D*
	41	19	85	58	--	33	15	10.5	WP-A1-E
	41	19	86	56	--	64	15	10.5	WP-C1-D*
ADS-10A-10C	50	25	93	--	53	47	15	11.7	WP-A2-C
	50	25	90	--	58	65	15	11.7	WP-A2-D*
	50	25	90	--	63	40	15	11.7	WP-A2-E
	50	25	90	--	68	70	15	11.7	WP-C2-D*
ADS-12A-12B	55	27	91	--	53	47	--	13	WP-A2-C
	55	27	91	--	58	65	--	13	WP-A2-D*
	55	27	91	--	63	40	--	13	WP-A2-C
	55	27	91	--	68	70	--	13	WP-C2-D*

\* with connector

## ● ADS-8A~12B Operation Chart



## ● ADS-8A~12B Material Table

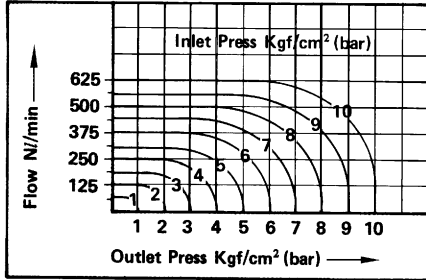
Item	Article	Material
1	Solenoid Tube	Stainless Steel
2	Armature Core	Stainless Steel
3	Coil	Brass Wire
4	Seat	NBR, Silicone, Viton®, EPDM, PTFE
5	Spring	Stainless Steel
6	Valve Body	Stainless Steel(SUS 316)



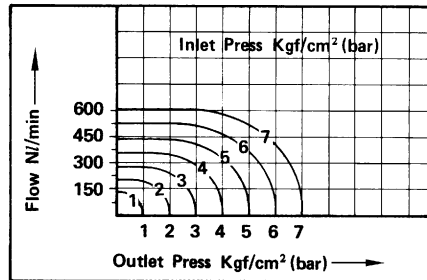
# 2/2-way solenoid valve of stainless stell 316 body for slight acid & alkali-resistant application

## Flow Curve Chart

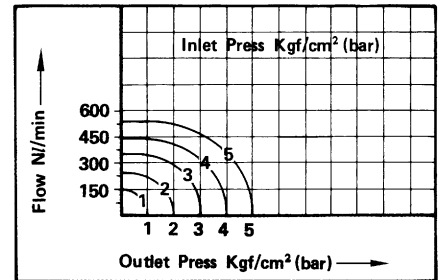
● Fluid:Air ADS-8A



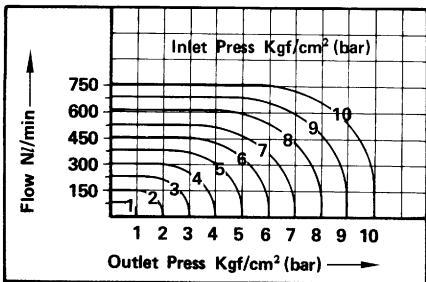
● Fluid:Air ADS-8B



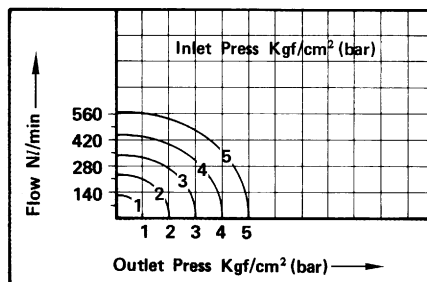
● Fluid:Air ADS-8C



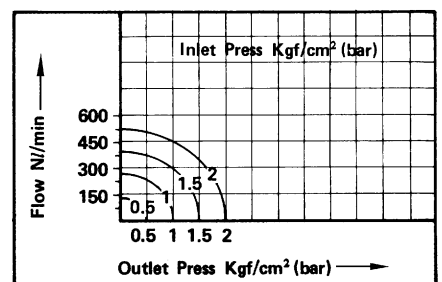
● Fluid:Air ADS-10A



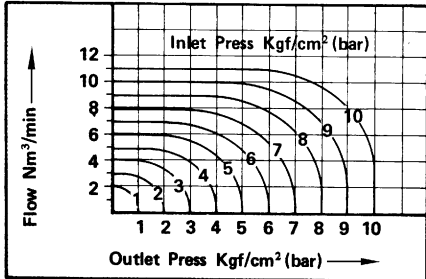
● Fluid:Air ADS-10B . 12A



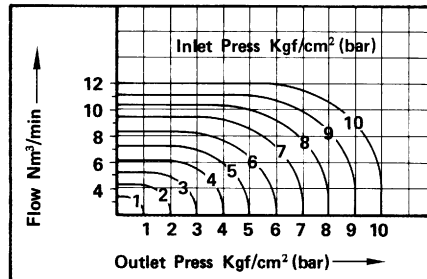
● Fluid:Air ADS-10C . 12B



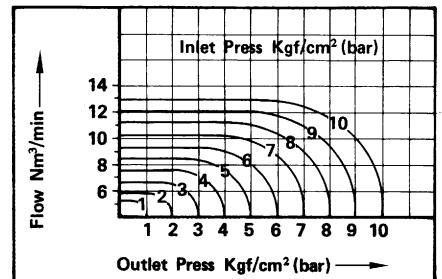
● Fluid:Air ADS-14.15



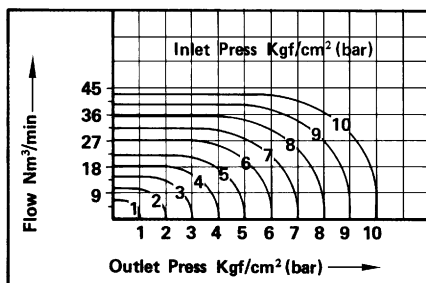
● Fluid:Air ADS-20



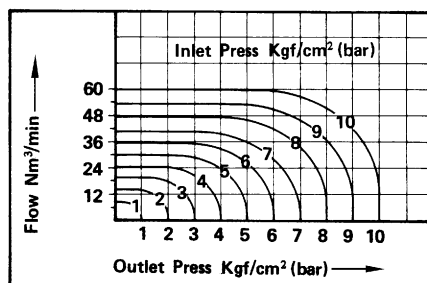
● Fluid:Air ADS-25 (AF)



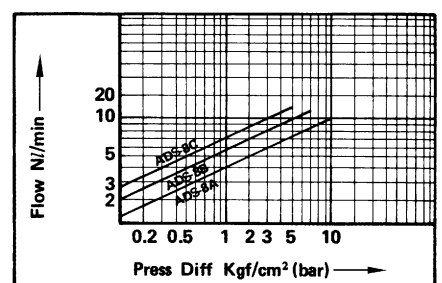
● Fluid:Air ADS-35.40(AF)



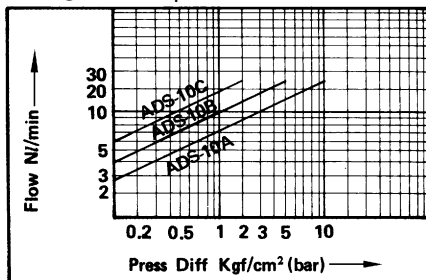
● Fluid:Air ADS-50(AF)



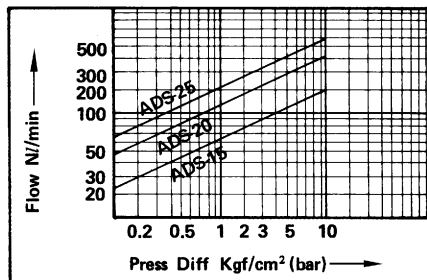
● Fluid:Liquid ADS-8A.8B.8C.



● Fluid:Liquid ADS-10A .10B.10C



● Fluid:Liquid ADS-15.20.25 (AF)



● Fluid:Liquid ADS-35.40.50(AF)

