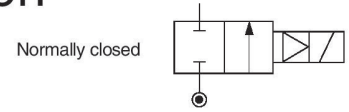


AD

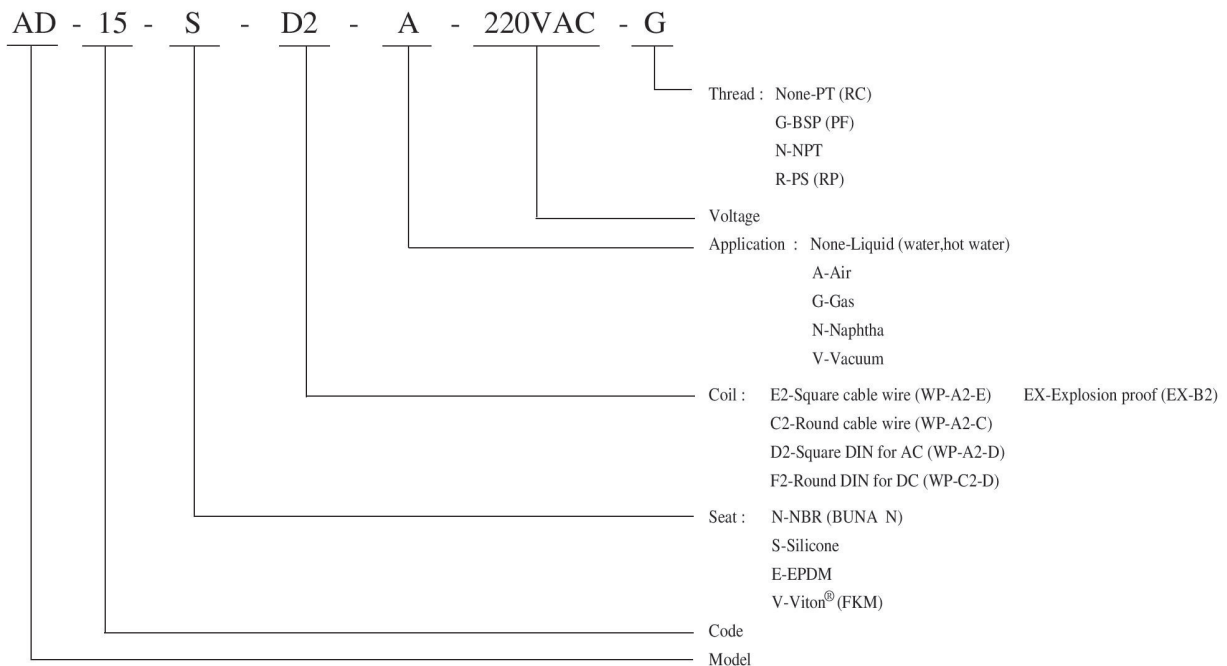
2/2-way solenoid valve of forged brass body for general application

Magnalift Type



Model	Port size	Orifice (mm)	CV value	Fluid temp. (°C)	Seat disc	Differential pressure kg/cm ² (bar)					Wt. (kg)
						Liquid	Air	Gas	Naphtha (120°C)	Vacuum	
AD - 14	3/8 "	15	4.5	-10	NBR	0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	1.03
AD - 15	1/2 "	15	4.5			0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	1.06
AD - 20	3/4 "	20	9.3			0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	1.24
AD - 25	1 "	25	13.2			0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	1.51
AD - 35	1 1/4 "	35	26		Silicone	0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	2.87
AD - 40	1 1/2 "	35	26			0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	2.77
AD - 50	2 "	50	48		EPDM	0-7	0-7	0-7	0-5	0-10 ⁻⁶ torr	4.81
AD - 25AF	1" Flange	25	13.2			0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	5.35
AD - 35AF	1 1/4 " Flange	35	26		Viton®	0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	7.75
AD - 40AF	1 1/2 " Flange	35	26			0-10	0-10	0-10	0-10	0-10 ⁻⁶ torr	8.00
AD - 50AF	2" Flange	50	48	0-7		0-7	0-7	0-5	0-10 ⁻⁶ torr	11.0	

How to order



Notes:

In order to prolong operating life, it is better to allocate pipe horizontally and coil to face upward.
Voltage drop range is within ±10%.
Pressure of voltage DC is 70% of voltage AC only.
Combined diaphragm design assures no breaking.
Max. temperature is up to 120°C.
Selection of coil refer to page 136-139.

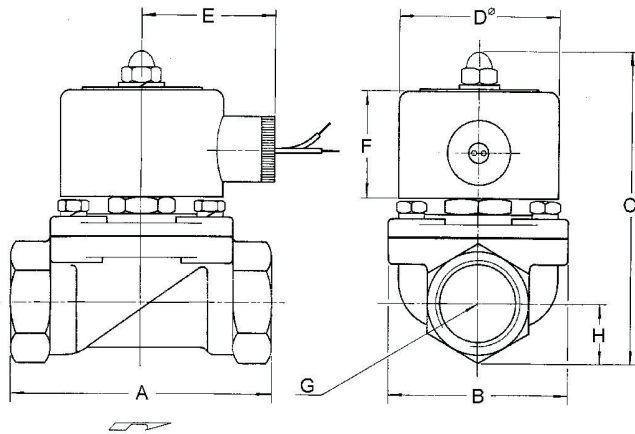
Inapplicable Fluids:

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. Corrosive fluids.

AD

2/2-way solenoid valve of forged brass body for general application

● AD-14~50 Contour Specification Chart



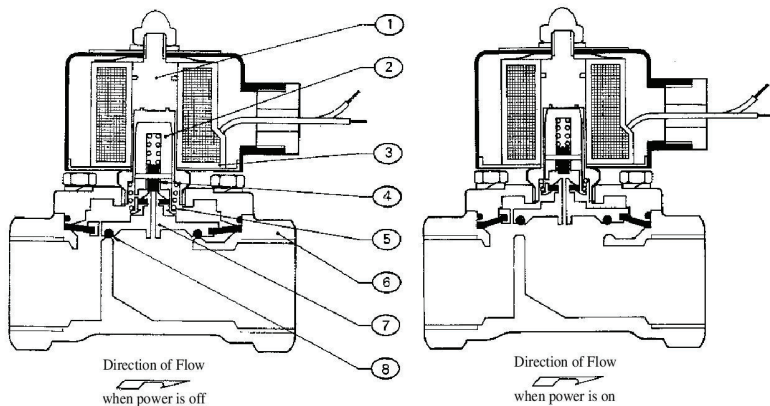
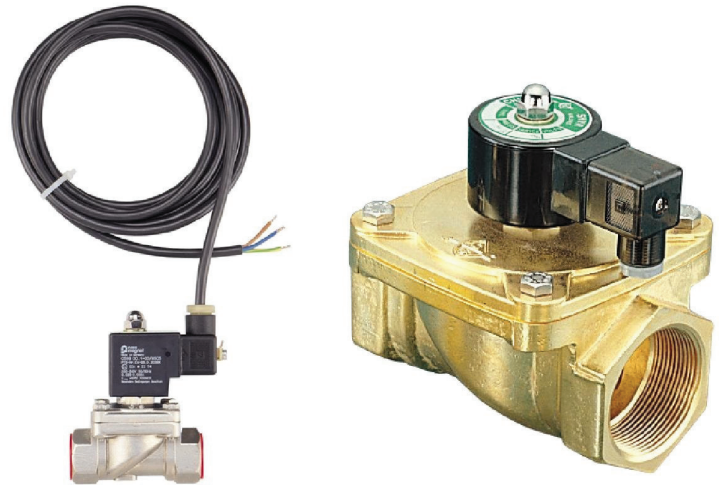
● Specifications

Unit:mm

Item	A	B	C	D	E	F	G	H
AD-14	75	52	103				3/8"	14.5
AD-15	75	52	103	WP-A2-C:53	WP-A2-C:47	WP-A2-C:43	1/2"	14.5
AD-20	85	60	114	WP-A2-D:40	WP-A2-D:65*	WP-A2-D:38	3/4"	18
AD-25	100	70	120				1"	23
AD-35	120	90	140	WP-A2-E:40	WP-A2-E:40	WP-A2-E:38	1 1/4"	33
AD-40	120	90	140	WP-C2-D:56	WP-C2-D:70*	WP-C2-D:37	1 1/2"	33
AD-50	150	120	160				2"	40.5

* with connect

● AD-14~50 Operation Chart



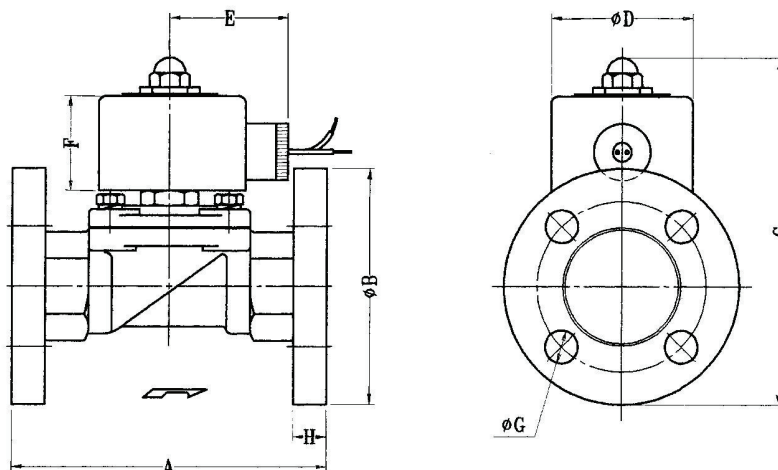
● AD-14~50 Material Table

Item	Article	Material
1	Solenoid Tube	Stainless Steel
2	Armature Core	Stainless Steel
3	Coil	Brass Wire
4	Seat	NBR, Silicone, Viton®, EPDM
5	Spring	Stainless Steel
6	Valve Body	Forged Brass
7	Diaphragm	Brass/Synthetic Rubber
8	Leakproof Ring	Synthetic Rubber

AD

2/2-way solenoid valve of forged brass body for general application

● AD-25AF~50AF Contour Specification Chart

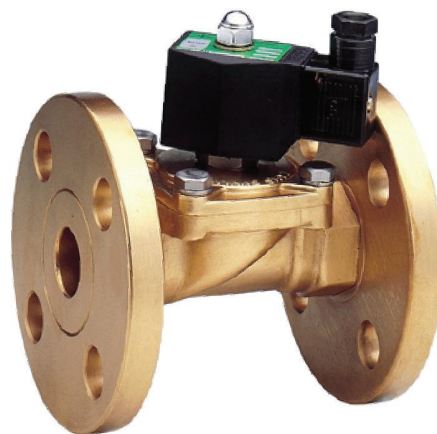


● Specifications

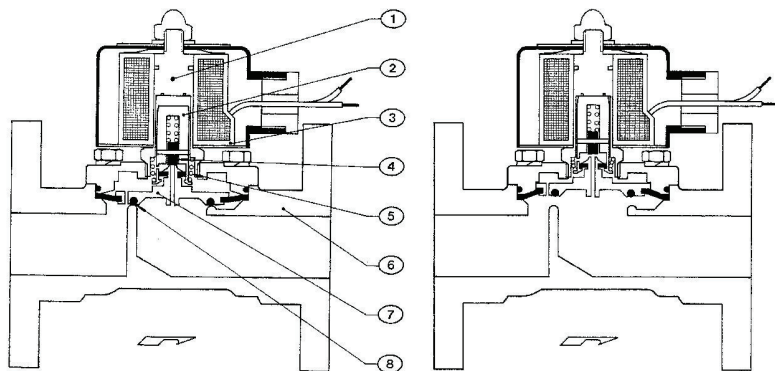
Unit:mm

Item	A	B	C	D	E	F	G	H
Model								
AD-25AF	130	125	162	WP-A2-C:53	WP-A2-C:47	WP-A2-C:43	19	14
AD-35AF	160	135	174	WP-A2-D:40	WP-A2-D:65*	WP-A2-D:38	19	16
AD-40AF	160	140	177	WP-A2-E:40	WP-A2-E:40	WP-A2-E:38	19	16
AD-50AF	200	155	195	WP-C2-D:56	WP-C2-D:70*	WP-C2-D:37	19	16

(*with connector) JIS Flange Specification:10kg/cm²



● AD-25AF~50AF Operation Chart



● AD-25AF~50AF Material Table

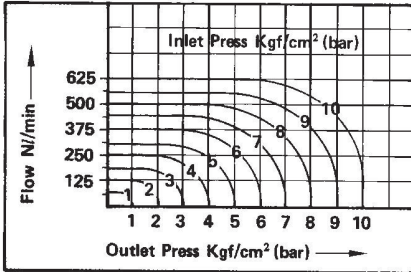
Item	Article	Material
1	Solenoid Tube	Stainless Steel
2	Armature Core	Stainless Steel
3	Coil	Brass Wire
4	Seat	NBR, Silicone, Viton®, EPDM
5	Spring	Stainless Steel
6	Valve Body	Forged Brass
7	Diaphragm	Brass/Synthetic Rubber
8	Leakproof Ring	Synthetic Rubber



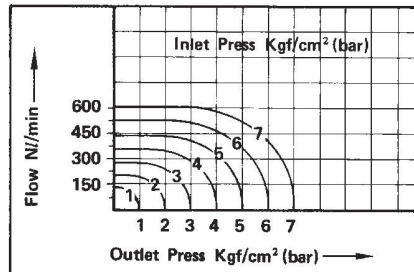
2/2-way solenoid valve of forged brass body for general application

Flow Curve Chart

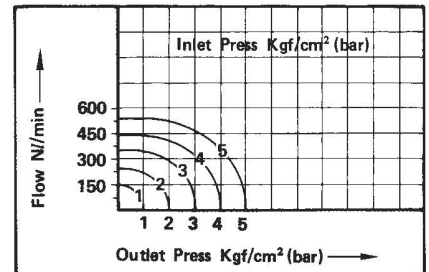
● Fluid: Air AD-6A . 8A



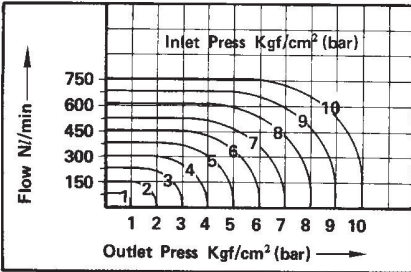
● Fluid: Air AD-6B. 8B



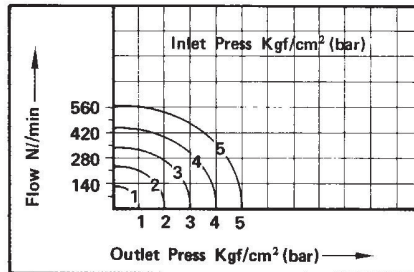
● Fluid: Air AD-6C. 8C



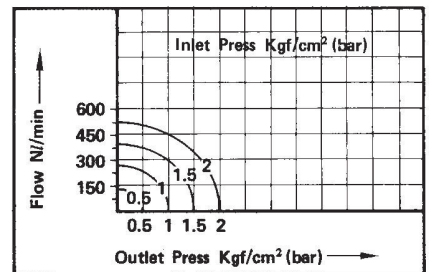
● Fluid: Air AD-10A



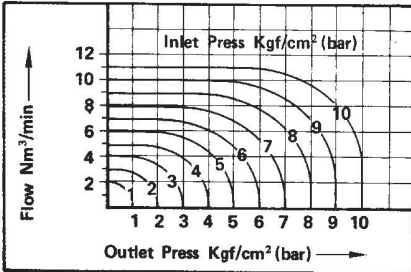
● Fluid: Air AD-10B . 12A



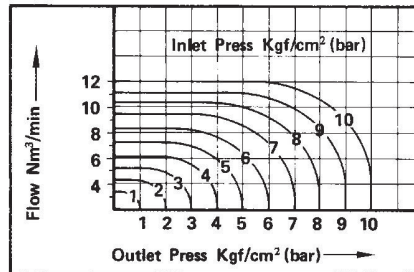
● Fluid: Air AD-10C . 12B



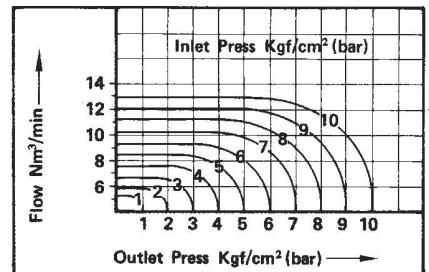
● Fluid: Air AD-14.15



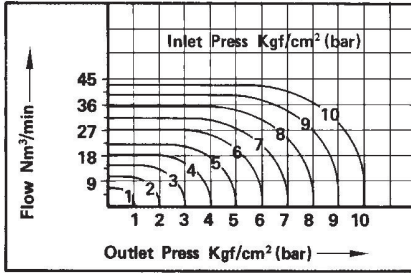
● Fluid: Air AD-20



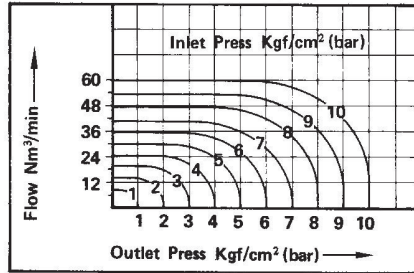
● Fluid: Air AD-25 (AF)



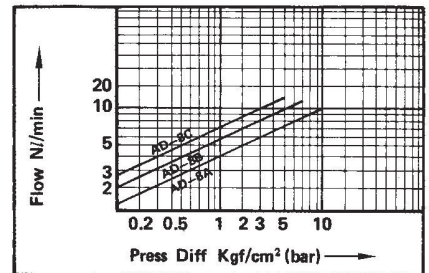
● Fluid: Air AD-35.40(AF)



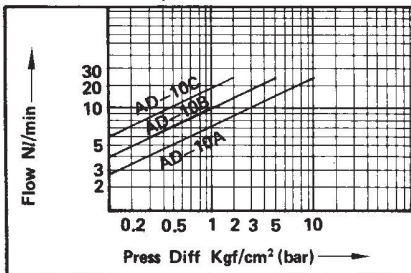
● Fluid: Air AD-50(AF)



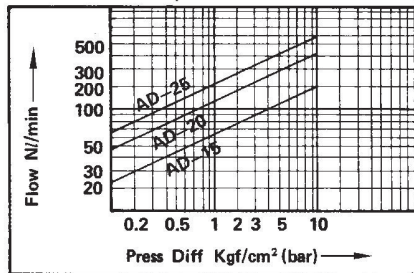
● Fluid: Liquid AD-6A.8A . 6B.8B . 6C.



● Fluid: Liquid AD-10A . 10B. 10C



● Fluid: Liquid AD-14.15.20.25 (AF)



● Fluid: Liquid AD-35.40.50(AF)

