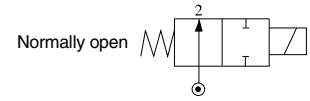


# NOS

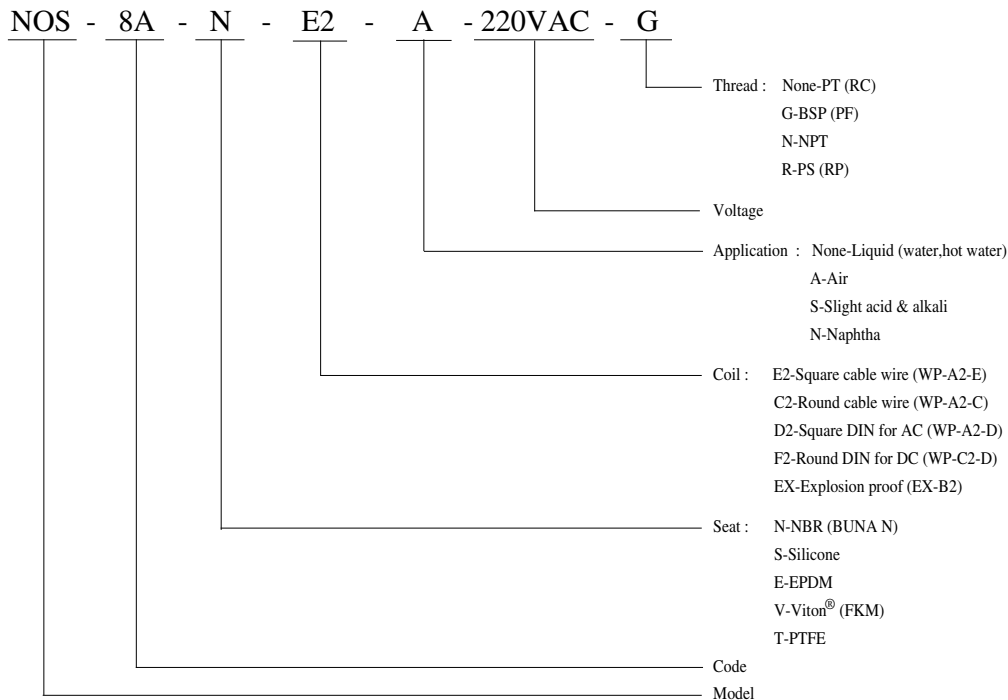
## 2/2-way normally open solenoid valve of stainless steel 316 body for general application



### 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	Slight acid & alkali	Naphtha (120°C)	
NOS - 8A	1/4 "	3	0.26	-10	NBR	0-10	0-10	0-10	0-7	0.50
NOS - 8B	1/4 "	4	0.58		Silicone	0-6	0-6	0-6	0-5	0.50
NOS - 8C	1/4 "	5	0.64		EPDM	0-4	0-4	0-4	0-3	0.50
NOS -10A	3/8 "	4	0.58	80 (120)	Viton®	0-6	0-6	0-6	0-5	0.80
NOS -10B	3/8 "	6	0.79		PTFE	0-2	0-2	0-2	0-1	0.80
NOS -12A	1/2 "	6	0.79		PTFE	0-2	0-2	0-2	0-1	0.95

### How to order



### Notes:

1. In order to prolong operating life, it is better to allocate pipe horizontally and face coil upward.
2. Voltage drop range is within  $\pm 10\%$ .
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. PTFE seat and explosion proof type are custom-made.

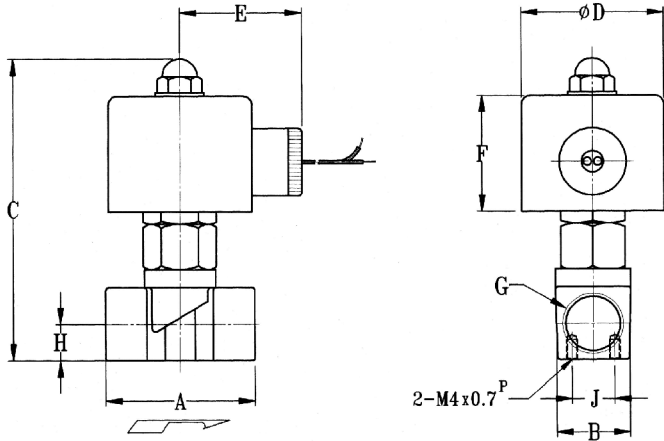
### Inapplicable Fluids:

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.

# NOS

## 2/2-way normally open solenoid valve of stainless steel 316 body for general application

### ● NOS-8A~12A Specification Chart



### ● Specifications

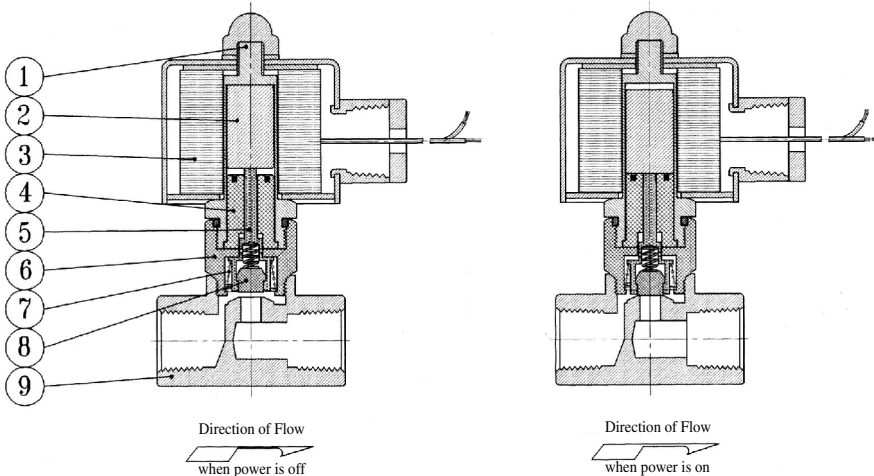
Unit:mm

Item Model	A	B	C	D	E	F	G	H	J	Coil Model
NOS-8A~8B	41	19	108	53	45	43	1/4"	10.5	15	WP-A2-C
				40	40	38				WP-A2-E
				40	65	38				WP-A2-D*
				56	71	38				WP-C2-D*
NOS-10A~10B	50	25	110	53	45	43	3/8"	11.7	15	WP-A2-C
				40	40	38				WP-A2-E
				40	65	38				WP-A2-D*
				56	71	38				WP-C2-D*
NOS-12A	55	27	112	53	45	43	1/2"	13	--	WP-A2-C
				40	40	38				WP-A2-E
				40	65	38				WP-A2-D*
				56	71	38				WP-C2-D*

\* with connector



### ● NOS-8A~12A Operation Chart

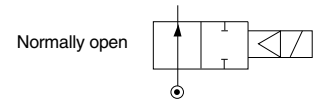


### ● Material Table

Item	Article	Material
1	Solenoid Tube	Stainless Steel
2	Slide Core	Stainless Steel
3	Coil	Brass Wire
4	Armature Core	Stainless Steel
5	Operating Spindle	Brass
6	Joint Sleeve	Stainless Steel
7	Spring	Stainless Steel
8	Seat	NBR, Silicone, EPDM, Viton®
9	Valve Body	Stainless Steel

# NOS

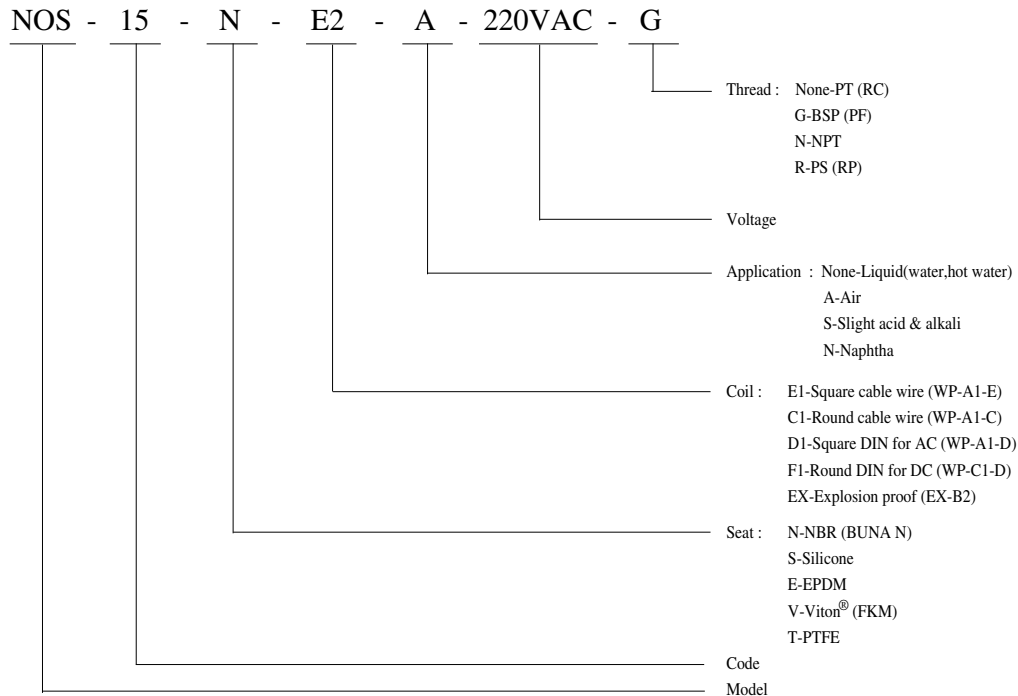
## 2/2-way normally open solenoid valve of stainless steel 316 body for general application



### Pilot 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	Naphtha (120°C)		
NOS- 14	3/8 "	15	4.5	-10	NBR	0.5-10	0.5-10	0.5-10	1.4	
NOS- 15	1/2 "	15	4.5			0.5-10	0.5-10	0.5-10	1.4	
NOS- 20	3/4 "	20	9.3			0.5-10	0.5-10	0.5-10	1.8	
NOS- 25	1 "	25	13.2			0.5-10	0.5-10	0.5-10	1.9	
NOS- 35	1 1/4 "	35	26		∫	Silicone	0.5-10	0.5-10	0.5-10	3.1
NOS- 40	1 1/2 "	35	26				0.5-10	0.5-10	0.5-10	3.0
NOS- 50	2 "	50	48			EPDM	0.5-7	0.5-7	0.5-7	5.1
NOS-25AF	1 " Flange	25	13.2				Viton®	0.5-10	0.5-10	0.5-10
NOS-35AF	1 1/4" Flange	35	26			0.5-10		0.5-10	0.5-10	7.0
NOS-40AF	1 1/2" Flange	35	26			PTFE	0.5-10	0.5-10	0.5-10	7.2
NOS-50AF	2 " Flange	50	48	0.5-7	0.5-7		0.5-7	10.5		

### How to order



### Notes:

- In order to prolong operating life, it is better to allocate pipe horizontally and face coil upward.
- Voltage drop range is within ±10%.
- Pressure of voltage DC is 70% of voltage AC only.
- Min pressure of 0.5 kg/cm<sup>2</sup> is required to activate.
- Combined diaphragm design assures no breaking.
- Max. temperature is up to 120°C.
- Selection of coil reference page 136~139.
- PTFE diaphragm and explosion proof coil are custom-made.

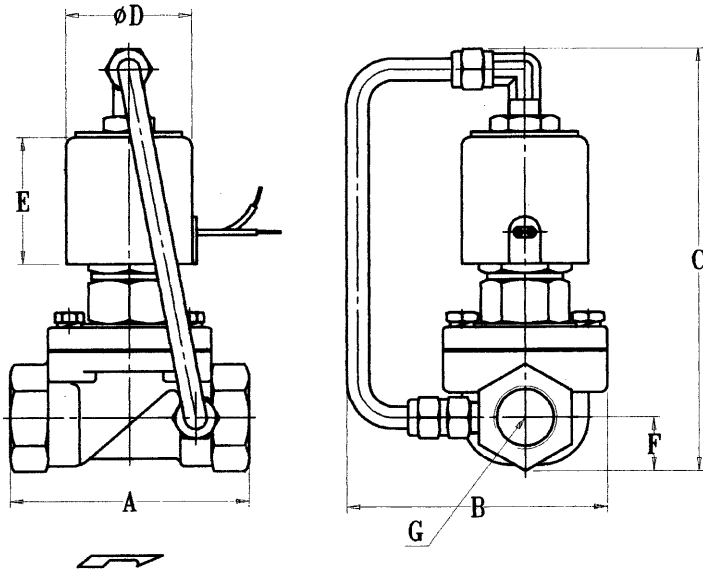
### Inapplicable Fluids:

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

# NOS

## 2/2-way normally open solenoid valve of stainless steel 316 body for general application

### ● NOS-14~50 Thread Contour Specification Chart



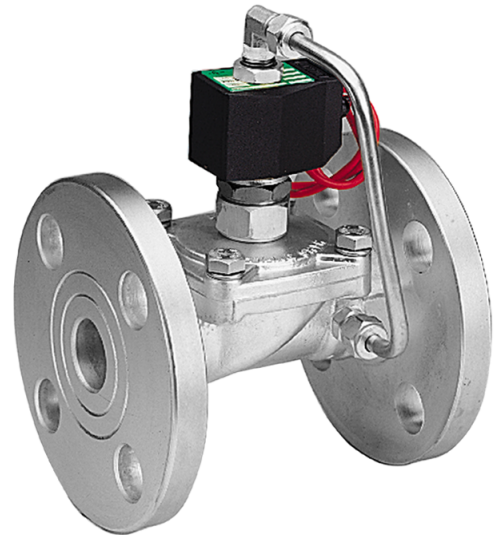
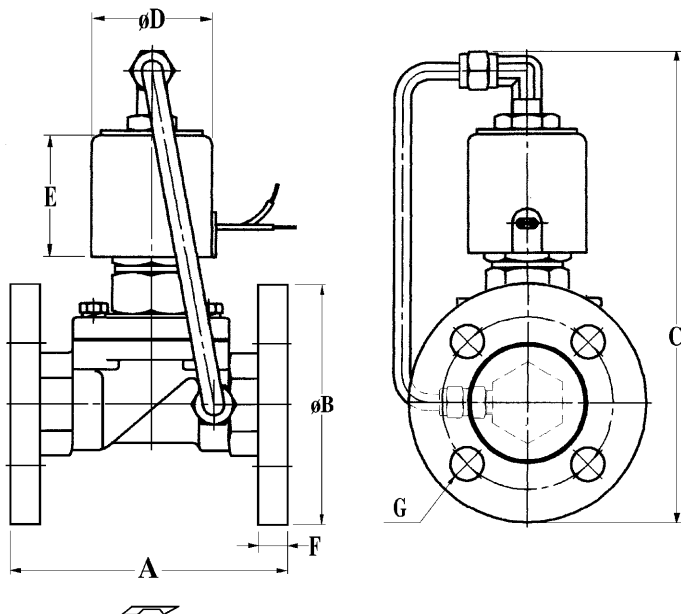
### ● Specifications

Unit:mm

Item Model	A	B	C	D	E	F	G
NOS-15	75	75	128.5	WP-A1-C:41.5	WP-A1-C:40	14.5	1/2"
NOS-20	85	85	139.5	WP-A1-D:53*	WP-A1-D:32.5	18	3/4"
NOS-25	100	100	145.5	WP-A1-E:58	WP-A1-E:32.5	23	1"
NOS-40	120	120	165.5	WP-A1-E:58	WP-A1-E:32.5	33	1 1/2"
NOS-50	150	150	185.5	WP-C1-D:56*	WP-C1-D:35	40.5	2"

\* with connector

### ● NOS-25AF~50AF Flange Contour Specification Chart



### ● Specifications

Unit:mm

Item Model	A	B	C	D	E	F	G	G Hole No.
NOS-25AF	140	125	162	WP-A1-C:41.5	WP-A1-C:40	14	19	4
NOS-40AF	165	140	177	WP-A1-D:53*	WP-A1-D:32.5	16	19	4
NOS-50AF	200	155	195	WP-A1-E:58	WP-A1-E:32.5	16	19	4
				WP-C1-D:56*	WP-C1-D:35	16	19	4

JIS Flange specification:10kg/cm<sup>2</sup> \* with connector