

NCD

2 WAY SOLENOID VALVES

Normally Closed Solenoid Valve Pipe Size : 3/8" to 2" B.S or N.P.T.

For Fluid : Water , Air , Gas , Oil & Vacuum AD12-10 ~ 50

SPECIFICATIONS :

1. 2 way normally closed.
2. Gunmetal body
3. Pilot-kick diaphragm type
4. Installation : Mountable in any position but level best long life
5. Standard voltage :
AC110V/220V (50/60Hz)
6. Other voltages of AC or DC available when required
7. Weather proof coil , IP 65, class F
8. ISO standard.

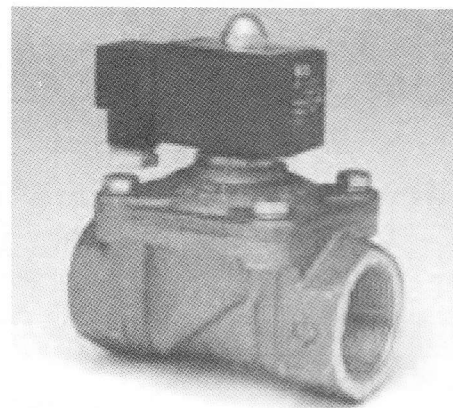
CAUTION :

1. Pipe must be washed neat and clean before fitting.
2. A steam strainer or filter has to be installed one metre away from the solenoid valve.

FEATURES :

1. Small size high flow, low electric power required.
2. Systematic production, spare parts exchangeable
3. For highly polluted fluid
4. Not for fluid of

- a) Viscosity over 50 cst.
 - b) Liquid when heat, solid when cool.
 - c) Corrosive fluid.
5. Water proof coil



SPECIFICATION

Model	Connection Size	Orifice (mm ϕ)	Cv	Fluid Temp (°C)	Max. Operating Press Diff kgf/cm ² (bar)					Weight (kg)	
					Water	Air	Gas	Oil	Vacuum	N.W.	G.W.
Normally closed operation. Forged brass. BUNA “N” Diaphragm for vacuum, gas & water best.											
AD12-10	3/8”	10	1.8	5°C	0-7	0-7	0-7	0-5	0-10 ⁻⁶ torr	0.87	0.90
AD12-15	1/2”	15	4.5		0-7	0-7	0-7	0-5	0-10 ⁻⁶ torr	0.87	0.90
AD12-20	3/4”	20	9.3		0-7	0-7	0-7	0-5	0-10 ⁻⁶ torr	0.95	0.98
AD12-25	1”	25	12		0-7	0-7	0-7	0-5	0-10 ⁻⁶ torr	1.5	1.60
AD12-35	1-1/4”	35	22	80°C	0-7	0-7	0-7	0-5	0-10 ⁻⁶ torr	3.4	3.60
AD12-40	1-1/2”	40	30		0-7	0-7	0-7	0-5	0-10 ⁻⁶ torr	3.3	3.50
AD12-50	2”	50	48		0-7	0-7	0-7	0-5	0-10 ⁻⁶ torr	5.48	5.78

ELECTRICAL INFORMATION

Model	Power			Class of Insulation	Wire Color of Outlet Coil			Spare Coil Part NO.	
	AC (VA)		DC (watt)		AC 110V	AC 220V	Others	Normal Coil	Water Proof Coil
	50Hz	60Hz							
AD12-10,15,20,25	21	18	10	F	Blue	Red	White	A1-NC	A1-WP
AD12-35,40,50	42	35	19	F	Blue	Red	White	A2-NC	A2-WP
AD14-10,15,20,25	21	18	10	F	Blue	Red	White	A1-NC	A1-WP
AD14-35,40,50	42	35	19	F	Blue	Red	White	A2-NC	A2-WP