

Solenoid Valves



Application

These valves are for Ammonia duty. The MSVA are pilot operated valves whilst the MDSVA are direct operated solenoid valves.

They are used in many applications such as cold stores, freezers, chilling applications etc.

Installation

These valves must be installed in horizontal positions with the coil housing no more than 45 degrees from the vertical position.

Construction

The valve is made up from various metals. Whilst stainless steel is used for components like stems, plungers, the main body is made from LCC

Safe Working Pressure: 300 psi

Type	Flanged Connection	Port Size inches	MOPD PSI	Nominal Liquid Capacity T.R.-Ammonia Pressure Drop P.S.I.					Coil Rating		
			AC	1	2	3	4	5	Type	Volt-Hz	Watts
MDSVA 12	1/2"	0.140	250	8.0	11.2	13.5	16	17.5	SVC-1	230AC 50/60	18
MSVA 12	1/2"	0.450	275	68	91	110	131	143			
MSVA 20	3/4"	0.600	275	75	97	122	145	167			
MSVA 25	1"	0.950	300	119	169	221	241	266	SVC-2	230AC 50/60	18
MSVA 32	1.1/4"	1.075	300	125	174	225	249	277			
MSVA 40	1.1/2"	1.260	300	275	390	500	550	625			

Strainers



Application

These strainers are specially designed to be installed in conjunction with solenoid valves.

Their mesh is selected so that no particles enter and disrupt the operation of the solenoid valve. For smooth operation of solenoid valves these strainers are mandatory.

Installation

For best results, the strainer is installed right at the inlet of the solenoid valve or as close to it as possible for larger sizes.

Features

- retains contaminants eg. Slag, weld beads, pipe fittings.
- pressure drop insignificant

Construction

The material of construction for the body is CI whilst for the mesh it is stainless steel.

Safe Working Pressure: 300 psi

Model	DIMENSIONS (MM)		Weight Kg
	A	B	
CAS12	68	122	1.3
CAS20	85	140	2.3

Model	DIMENSIONS (MM)										Weight Kg
	A	B	C	D	E	F	G	H	PCD	BOLT SIZE	
CAS25	190	136	42	150	-	47	58.8	4	80	M12X40	7
CAS32	190	154	42	150	-	47	58.8	4	80	M12X40	7

