Castle Solenoid Valves and Strainers for industrial refrigeration

Solenoid Valves



Application

These valves are for Ammonia duty. The MSVA are pilot operated valves whilst the ${\sf MDSVA}\, are\, direct\, operated\, solenoid\, valves.$

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

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

Туре	Flanged Connection	Port Size inches	MOPD PSI			quid Ca ressur		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			
MSVA 32	1.1/4"	1.075	300	125	174	225	249	277	SVC-2		
MSVA 40	1.1/2"	1.260	300	275	390	500	550	625			

Strainers



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

Their mesh is selected so that no particles enter and disrupt the operation of the $solenoid\,valve.\,For\,smooth\,operation\,of\,solenoid\,valves\,these\,strainers\,are\,mand atory.$

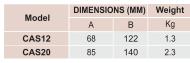
For best results, the strainer is installed right at the inlet of the solenoid valve or as close to it as possible for larger sizes.

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

Construction

 $The \, material \, of \, construction \, for \, the \, body \, is \, Cl \, whist \, for \, the \, mesh \, it \, is \, stainless \, steel.$

Safe Working Pressure: 300 psi



	Model	DIMENSIONS (MM)										Weight
	Wodei	Α	В	С	D	Е	F	G	Н	PCD	BOLT SIZE	Kg
	CAS25	190	136	42	150	-	47	58.8	4	80	M12X40	7
	CAS32	190	154	42	150	-	47	58.8	4	80	M12X40	7

