

Solenoid Valve Specifications

Series 600 – N/C 0 psi differential – Vacuum

Suitable for Medium to Fine Vacuums only

Series 700 – Bronze N/C 0 psi differential – Fuel Oil

Series 800 – Brass N/C 0 psi differential – Oxygen/Acetylene/Argon/CO2

Series 810 – Brass N/C 0-3 psi differential – Hydrogen

Series 820 – Brass N/C 3 psi differential – Hi Pressure Gas

Series 830 – Brass N/C 3-7.5 psi differential – Helium

ISIMET Model	Port Size (in)	Orifice Size (in)	Seat Material	Min. Pressure Diff.	Flow Factor Cv	Operation Pressure		24/60 VAC		120/60 VAC	
						Air/Gas psi	Water psi	VA Inrush	VA Holding	VA Inrush	VA Holding
S-601	1/2	.625	NBR	0	2.8	TORR@.003	MERC @.00039	25	14.5	25	14.5
S-602	3/4	.625	NBR	0	2.8	TORR@.003	MERC @.00039	25	14.5	25	14.5
S-603	1	1	NBR	0	8.3	TORR@.003	MERC @.00039	25	14.5	25	14.5
S-605	1 1/2	1.89	BUNA	.15	41	TORR@.005	MERC @.00039	45	27	45	27
S-606	2	2	BUNA	.15	50	TORR@.005	MERC @.00039	45	27	45	27
S-702	3/4	.75	FKM	0	7	105	-	-	-	267	80
S-703	1	1.02	FKM	0	12	105	-	-	-	267	80
S-705	1 1/2	1.26	FKM	0	18	105	-	-	-	267	80
S-706	2	1.50	FKM	0	27	105	-	-	-	267	80
S-801	1/2	.55	FKM	0	3.1	105	105	57	23	57	23
S-802	3/4	.71	FKM	0	5.03	105	105	57	23	57	23
S-803	1	1.02	FKM	3	13	225	225	45	27	45	27
S-805	1 1/2	1.50	FKM	3	29	225	225	45	27	45	27
S-806	2	1.97	FKM	3	47	225	225	45	27	45	27
S-811	1/2	.55	BUNA	0	3.1	105	105	57	23	57	23
S-812	3/4	.71	BUNA	0	5.03	105	105	57	23	57	23
S-813	1	1.02	BUNA	3	13	225	225	45	27	45	27
S-815	1 1/2	1.50	BUNA	3	29	225	225	45	27	45	27
S-816	2	1.97	BUNA	3	47	225	225	45	27	45	27
S-822	3/4	.79	BUNA	3	5.9	225	225	45	27	45	27
S-823	1	1.02	BUNA	3	13	225	225	45	27	45	27
S-825	1 1/2	1.50	BUNA	3	29	225	225	45	27	45	27
S-826	2	1.97	BUNA	3	47	225	225	45	27	45	27
S-832	3/4	.79	PTFE	7.5	5.9	255	-	45	27	45	27
S-833	1	1.02	PTFE	7.5	13	255	-	45	27	45	27
S-835	1 1/2	1.5	PTFE	7.5	29	255	-	45	27	45	27
S-836	2	1.97	PTFE	7.5	47	255	-	45	27	45	27

- Vacuum is rated @ TORR and inches of Mercury