

ENGINEERING

For Dependable • Packless Solenoid Valves

**Flow Tables**

For Valve Type "N" and "NR"

Port Size	WATER DISCHARGE Gal./Hr.								AIR DISCHARGE Cu. Ft./Hr.							
	Pressure Drop PSI								Pressure Drop PSI							
	1/2	1	2	5	10	25	50	100	1/2	1	2	5	10	25	50	
3/32	9	13	17	25	44	70	100	135	55	75	110	150	210	335	450	
1/8	18	25	33	50	85	140	195	270	105	150	220	300	420	670	900	
5/32	25	35	50	80	120	190	260	360	135	200	290	390	550	870	1150	
3/16	35	50	80	130	180	280	400	540	175	255	360	480	655	1030	1440	
1/4	53	75	100	185	250	380	530	740	225	320	450	700	930	1500	2220	
5/16	73	100	135	225	320	500	700		300	430	610	980	1300	2100	3000	
3/8	100	120	165	275	400	630	910		390	560	800	1300	1730	2720	3770	
1/2	125	180	260	430	640	1000	1400		540	800	1100	1700	2400	3840	5400	

For Valve Type "M" and "MR"

Port Size	STEAM DISCHARGE - Pounds of Steam Per Hour											
	Inlet 5 Lbs.		Inlet 25 Lbs.			Inlet 50 Lbs.		Inlet 100 Lbs.		Inlet 150 Lbs.		
	Pressure Drop		Pressure Drop			Pressure Drop		Pressure Drop		Pressure Drop		
	2 #	4 #	5 #	10 #	20 #	7#	30 #	10 #	50 #	20 #	50 #	
1/8	4.8	6.8	11	13	15	16	23	24	42	40	57	
5/32	7.4	11	17	21	23	25	35	38	65			
3/16	11	15	24	30	33	36	50	54	93	90	127	
1/4	14	21	33	40	45	50	68	74	126			
5/16	24	34	54	68	74	82	113					
3/8	36	51	82	102	112	124	170					
1/2	67	95	152	190	210							

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