

2-Way Features

- Two-way (2/2) Next Generation solenoid valves have one inlet port and one outlet port
- Control of air, water, light oil, and non-corrosive media
- Normally closed (opens when energized) and normally open (closed when energized) operation
- Pipe sizes – 1/8 to 2 inch

Pipe Size (in)	Orifice Dia. (in)	Cv Flow	Operating Pressure Differential (psi)				Max Fluid Temp. °F	Brass	Const. Ref.	Agency	Stainless Steel	Const. Ref.	Agency	Wattage	
			Min.	Max.						UL			UL	DC	AC/DC
				Air-Inert Gas	Water	Light Oil @ 300 SSU									
General Service - Normally Closed															
1/8	3/64	0.06	0	2200	2200	1700	140	-	-	-	8262R175 ⑤	1	●	1.2 ⑧	1.5 ⑨
1/8	3/64	0.06	0	1500	1500	1500	140	8262R099 ⑤	1	●	-	-	-		
1/8	3/32	0.21	0	720	410	410	180	8262R277	1	○	8262R178	1	○		
1/8	1/8	0.35	0	540	395	360	180	8262R105	1	○	8262R174	1	○		
1/8	1/8	0.35	0	200	-	-	167	8262R077 ⑥	1	○	-	-	-		
1/4	3/64	0.06	0	1500	1500	1500	140	8262R107 ⑤	2	●	-	-	-		
1/4	3/64	0.06	0	2200	2200	1700	140	-	-	-	8262R181 ⑤	2	●		
1/4	3/32	0.21	0	720	410	410	180	8262R109	2	○	8262R183	2	○		
1/4	1/8	0.35	0	540	395	360	180	8262R232	2	○	8262R185	2	○		
1/4	5/32	0.52	0	300	225	225	180	8262R202	2	○	8262R220	2	○		
1/4	7/32	0.73	0	125	125	125	180	8262R208	2	○	8262R226	2	○		
1/4	9/32	0.88	0	105	105	105	180	8262R212	2	○	8262R230	2	○		
1/4	9/32	1.0	0	50	-	-	167	8262R078 ⑥	2	○	-	-	-		
1/4	5/16	1.5	10	1500	1500	1500	180	8223P025	18	-	-	-	-		
3/8	1/8	0.35	0	540	395	360	180	8263R115	3	○	8263R191	3	○		
3/8	5/32	0.52	0	300	225	225	180	8263R200	3	○	8263R193	3	○		
3/8	7/32	0.73	0	125	125	125	180	8263R124	3	○	8263R332	3	○		
3/8	9/32	0.88	0	105	85	85	180	8263R210	3	○	8263R333	3	○		
3/8	5/16	1.5	10	1500	1500	1500	180	8223P027	18	-	-	-	-		
3/8	5/8	3	0	150	150	-	180	8210P093	4	○	-	-	-		
3/8	5/8	3	5	300	300	300	180	8210P006	4	●	-	-	-		
1/2	3/8	3.2	25	1500	1500	1500	180	8223P003	5	-	8223P010	6	-		
1/2	5/8	4	0	150	150	-	180	8210P094	4	○	-	-	-		
1/2	5/8	4	0	150	150	125	180	-	-	-	8210P087	7	●		
1/2	5/8	4	5	300	300	300	180	8210P007	4	○	-	-	-		
3/4	5/8	4.5	0	150	150	125	180	-	-	-	8210P088	7	●		
3/4	3/4	5	0	150	150	-	180	8210P095	7	○	-	-	-		
3/4	3/4	5	0	3	3	-	180	8030P003	8	○	-	-	-		
3/4	3/4	7.8	25	750	750	750	180	8223P005	9	-	-	-	-		
1	1	13	5	150	150	100	180	8210P004	10	○	-	-	-		
1 1/4	1 1/8	15	5	150	150	100	180	8210P008	10	○	-	-	-		
1 1/2	1 1/4	22.5	5	150	150	100	180	8210P022	11	○	-	-	-		
2	1 3/4	43	5	150	125	90	180	8210P100	12	●	-	-	-		
General Service - Normally Open															
1/8	3/64	0.06	0	1150	900	800	140	8262R155 ⑤	1	●	8262R168 ⑤	1	●	1.2 ⑧	1.5 ⑨
1/8	3/64	0.06	0	750	750	750	180	8262R156	1	●	8262R169	1	●		
1/8	3/32	0.21	0	275	230	180	180	8262R128	1	●	8262R236	1	●		
1/8	1/8	0.35	0	160	145	125	180	8262R129	1	●	8262R237	1	●		
1/4	3/64	0.06	0	1150	900	800	140	8262R161 ⑤	2	●	8262R199 ⑤	2	●		
1/4	3/64	0.06	0	750	750	750	180	8262R260	2	●	8262R130	2	●		
1/4	3/32	0.21	0	275	230	180	180	8262R261	2	●	8262R134	2	●		
1/4	1/8	0.35	0	160	145	125	180	8262R262	2	●	8262R138	2	●		
1/4	5/32	0.54	0	90	90	70	180	8262R263	2	●	8262R142	2	●		
1/4	7/32	0.83	0	45	45	40	180	8262R264	2	●	8262R148	2	●		
1/4	9/32	0.96	0	30	30	30	180	8262R265	2	●	8262R152	2	●		
3/8	1/8	0.35	0	160	145	125	180	8263R070	3	●	8263R080	3	●		
3/8	5/32	0.54	0	90	90	70	180	8263R071	3	●	8263R081	3	●		
3/8	7/32	0.83	0	45	45	40	180	8263R072	3	●	8263R082	3	●		
3/8	9/32	0.96	0	30	30	30	180	8263R073	3	●	8263R083	3	●		
3/8	5/8	3	0	150	150	125	180	8210P033	15	●	-	-	-		
1/2	5/8	4	0	150	150	125	180	8210P034	15	●	-	-	-		
3/4	3/4	5.5	0	150	150	125	180	8210P035	16	●	-	-	-		
3/4	3/4	5.5	0	2	2	-	180	8030P083	17	●	-	-	-		

○ = Safety Shut-off Valve. ● = General Purpose Valve.

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2-Way Specifications (Metric units)

Pipe Size (in)	Orifice Dia. (mm)	Kv Flow Factor (m³/h)	Operating Pressure Differential (bar)				Max Fluid Temp. °C	Brass	Const. Ref.	Agency	Stainless Steel	Const. Ref.	Agency	Wattage				
			Min.	Max.										UL	DC	AC/DC		
				Air-Inert Gas	Water	Light Oil @ 300 SSU												
General Service - Normally Closed																		
1/8	1.2	0.05	0	152	152	117	60	-	-	-	8262R175 ⑤	1	●	1.2 ®	1.5 ®			
1/8	1.2	0.05	0	103	103	103	60	8262R099 ⑤	1	●	-	-	-					
1/8	2.4	0.18	0	50	28	28	82	8262R277	1	○	8262R178	1	○					
1/8	3.2	0.30	0	37	27	25	82	8262R105	1	○	8262R174	1	○					
1/8	3.2	0.30	0	14	-	-	75	8262R077 ⑥	1	○	-	-	-					
1/4	1.2	0.05	0	103	103	103	60	8262R107 ⑤	2	●	-	-	-					
1/4	1.2	0.05	0	152	152	117	60	-	-	-	8262R181 ⑤	2	●					
1/4	2.4	0.18	0	50	28	28	82	8262R109	2	○	8262R183	2	○					
1/4	3.2	0.30	0	37	27	25	82	8262R232	2	○	8262R185	2	○					
1/4	4.0	0.45	0	21	16	16	82	8262R202	2	○	8262R220	2	○					
1/4	5.6	0.63	0	9	9	9	82	8262R208	2	○	8262R226	2	○					
1/4	7.1	0.76	0	7	7	7	82	8262R212	2	○	8262R230	2	○					
1/4	7.1	0.74	0	3	-	-	75	8262R078 ⑥	2	○	-	-	-					
1/4	7.9	1.3	.7	103	103	103	82	8223P025	18	-	-	-	-					
3/8	3.2	0.30	0	37	27	25	82	8263R115	3	○	8263R191	3	○					
3/8	4.0	0.45	0	21	16	16	82	8263R200	3	○	8263R193	3	○					
3/8	5.6	0.63	0	9	9	9	82	8263R124	3	○	8263R332	3	○					
3/8	7.1	0.76	0	7	6	6	82	8263R210	3	○	8263R333	3	○					
3/8	7.9	1.3	.7	103	103	103	82	8223P027	18	-	-	-	-					
3/8	16	2.6	0	10	10	-	82	8210P093	4	○	-	-	-					
3/8	16	2.6	0.3	21	21	21	82	8210P006	4	●	-	-	-					
1/2	9.5	2.7	1.7	103	103	103	82	8223P003	5	-	8223P010	6	-					
1/2	16	3.4	0	10	10	-	82	8210P094	4	○	-	-	-					
1/2	16	3.4	0	10	10	9	82	-	-	-	8210P087	7	●					
1/2	16	3.4	0.3	21	21	21	82	8210P007	4	○	-	-	-					
3/4	16	3.9	0	10	10	9	82	-	-	-	8210P088	7	●					
3/4	19	4.3	0	10	10	-	82	8210P095	7	○	-	-	-					
3/4	19	4.3	0	0.2	0.2	-	82	8030P003	8	○	-	-	-					
3/4	19	6.7	1.7	52	52	52	82	8223P005	9	-	-	-	-					
1	25	11	0.3	10	10	7	82	8210P004	10	○	-	-	-					
1 1/4	29	13	0.3	10	10	7	82	8210P008	10	○	-	-	-					
1 1/2	32	19	0.3	10	10	7	82	8210P022	11	○	-	-	-					
2	44	37	0.3	10	9	6	82	8210P100	12	●	-	-	-					
General Service - Normally Open																		
1/8	1.20	0.05	0	79	62	55	60	8262R155 ⑤	1	●	8262R168 ⑤	1	●	1.2 ®	1.5 ®			
1/8	1.20	0.05	0	52	52	52	82	8262R156	1	●	8262R169	1	●					
1/8	2.40	0.18	0	19	16	12	82	8262R128	1	●	8262R236	1	●					
1/8	3.20	0.30	0	11	10	9	82	8262R129	1	●	8262R237	1	●					
1/4	1.20	0.05	0	79	62	55	60	8262R161 ⑤	2	●	8262R199 ⑤	2	●					
1/4	1.20	0.05	0	52	52	52	82	8262R260	2	●	8262R130	2	●					
1/4	2.40	0.18	0	19	16	12	82	8262R261	2	●	8262R134	2	●					
1/4	3.20	0.30	0	11	10	9	82	8262R262	2	●	8262R138	2	●					
1/4	3.90	0.47	0	6	6	5	82	8262R263	2	●	8262R142	2	●					
1/4	5.60	0.72	0	3	3	3	82	8262R264	2	●	8262R148	2	●					
1/4	7.10	0.83	0	2	2	2	82	8262R265	2	●	8262R152	2	●					
3/8	3.20	0.30	0	11	10	9	82	8263R070	3	●	8263R080	3	●					
3/8	3.90	0.47	0	6	6	5	82	8263R071	3	●	8263R081	3	●					
3/8	5.60	0.72	0	3	3	3	82	8263R072	3	●	8263R082	3	●					
3/8	7.10	0.83	0	2	2	2	82	8263R073	3	●	8263R083	3	●					
3/8	16	2.6	0	10	10	9	82	8210P033	15	●	-	-	-					
1/2	16	3.5	0	10	10	9	82	8210P034	15	●	-	-	-					
3/4	19	4.8	0	10	10	9	82	8210P035	16	●	-	-	-					
3/4	19	4.8	0	.14	.14	-	82	8030P083	17	●	-	-	-					
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