

2 Way/2 Position Valves

These solenoid valves have one inlet and one outlet, and are used to permit and shut off fluid flow.

Two Types of Operations Apply:

Normally Closed

Fluid is shut off when the coil is de-energized, flows through the valve when the coil is energized.

Normally Open

Fluid flows through the valve when the coil is de-energized, shuts off when the coil is energized.

Two Types of Constructions Apply:

Direct Acting

When the solenoid is energized, the core directly opens the orifice of a Normally Closed valve or closes the orifice in a Normally Open valve. The valve will operate at pressures from 0 psi to its rated maximum. The force needed to open the valve is proportional to the orifice size and fluid pressure. As orifice size increases, so does the required force. To open larger orifices without increasing solenoid size, internal pilots are used.

Internally Piloted

These valves use line pressure to assist operation. When the coil is de-energized (on a Normally Closed valve), the pilot orifice is closed and line pressure is applied to the top of the piston or diaphragm through the bleed orifice, closing the valve. When the coil is energized, the core opens the pilot orifice, relieving pressure from the diaphragm or piston. Line pressure, alone, opens the valve by lifting the diaphragm or piston off the main orifice.

See Engineering Section for further details.

2 Way Valve Contents

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8030 Low Pressure Solenoid Valves Direct Acting Brass Body



Features

- Operate at low pressures: no minimum required; up to 15 psi maximum differential.
- Normally Closed or Normally Open operation.
- Widely used for dispensing, collating, gas shutoff, vacuum holding, and tank draining applications.

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)			Max. Fluid Temp. °F	Brass Body		Watt Rating/ Class of Coil Insulation ①	Voltage	MSA #
			Min.	Max. AC			Catalog Number	UL ② Listing			
				Air-Inert Gas	Water	AC			AC		
NORMALLY CLOSED (Closed when de-energized)											
3/8	3/8	1.8	0	7	5	180	8030G10	○	6.1/F	120/60,110/50	20003
1/2	7/16	2.8	0	4	6	180	8030G16	○	6.1/F	120/60,110/50	20010
1/2	7/16	2.8	0	15	15	200	8030G17	○	16.1/F	120/60	21443
NORMALLY OPEN (Open when de-energized)											
3/4	3/4	5.5	0	2	2	180	8030G83	○	10.1/F	120/60,110/50	20027

Notes: ① On all 50 hertz service, the watt rating for the 6.1/F solenoid is 8.1 watts.
 ② ○ = Safety Shutoff Valve.

8040 Aluminum Body Solenoid Valves Direct Acting • Aluminum Body



Features

- Lightweight, low-cost valves for air service.
- Ideal for low pressure applications.
- Provides high flow.
- Air and vacuum service.

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Aluminum Body		Watt Rating/ Class of Coil Insulation ②	Voltage	MSA #
			Min.	Max. AC		Catalog Number	UL ⑤ Listing			
				Air-Fuel Gas	AC			AC		
NORMALLY CLOSED (Closed when de-energized)										
3/8	5/16	1.2	0	15	125	8040H8	○	6.1/F	120/60, 110/50	21185
3/4	3/4	9.5	0	2	125	8040G23	○	10.1/F	120/60, 110/50	20031

Notes: ② On 50 hertz service, the watt rating for the 6.1/F solenoid is 8.1 watts.
 ⑤ ○ = Safety Shutoff Valve

8210 General Service Solenoid Valves Pilot Operated • Brass or Stainless Steel Bodies

Features

- Wide range of sizes
- High Flow Valves for liquid, and air/inert gas service.
- Industrial applications include:
 - Car wash
 - Laundry equipment
 - Air compressors
 - Industrial water control
 - Pumps



Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)						Max. Fluid Temp. °F		Brass Body		Stainless Steel Body		Watt Rating/ Class of Coil Insulation ⑦		Voltage	MSA #	
			Min.	Max. AC			Max. DC			AC	DC	Catalog Number	UL ⑤ Listing	Catalog Number	UL ⑤ Listing	AC			DC
				Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU										
NORMALLY CLOSED (Closed when de-energized), NBR or PTFE ② Seating																			
3/8	3/8	1.5	①	150	125	-	-	-	-	180	-	8210G73 ③	●	-	-	6.1/F	-	120/60, 110/50	20194
3/8	5/8	3	0	150	150	-	-	-	-	180	-	8210G93	○	-	-	10.1/F	-	120/60, 110/50	20221
3/8	5/8	3	5	200	150	135	-	-	-	180	-	8210G1	○	-	-	6.1/F	-	120/60, 110/50	20032
3/8	5/8	3	5	200	150	135	-	-	-	180	-	SC8210G1	○	-	-	6.1/F	-	120/60, 110/50	21037
1/2	7/16	2.2	①	150	125	-	-	-	-	180	-	8210G15 ③	●	-	-	6.1/F	-	120/60, 110/50	20126
1/2	5/8	4	0	150	150	-	-	-	-	180	-	8210G94	○	-	-	10.1/F	-	120/60, 110/50	20229
1/2	5/8	4	0	150	150	-	-	-	-	180	-	SC8210G94	○	-	-	10.1/F	-	120/60, 110/50	21031
1/2	5/8	4	0	150	150	-	-	-	-	180	-	EF8210G94	○	-	-	10.1/F	-	120/60, 110/50	20236
1/2	5/8	4	0	150	150	-	-	-	-	180	-	JKF8210G94	○	-	-	10.1/F	-	120/60, 110/50	20242
1/2	5/8	4	0	150	150	125	-	-	-	175	-	-	-	8210G87	●	17.1/F	-	120/60, 110/50	20201
1/2	5/8	4	5	-	-	-	125	100	100	-	150	8210G2	○	-	-	-	11.6/F	12/DC	20061
1/2	5/8	4	5	200	150	135	-	-	-	180	-	8210G2	○	-	-	6.1/F	-	120/60, 110/50	20043
1/2	5/8	4	5	200	100	135	-	-	-	180	-	8210G2	○	-	-	6.1/F	-	24/60	20058
1/2	5/8	4	5	-	-	-	125	100	100	-	150	8210G2	○	-	-	-	11.6/F	24/DC	20062
1/2	5/8	4	5	200	150	135	-	-	-	180	-	8210G2HW	○	-	-	6.1/F	-	120/60, 110/50	20045
1/2	5/8	4	5	200	150	135	-	-	-	180	-	EF8210G2	○	-	-	6.1/F	-	120/60, 110/50	20049
1/2	5/8	4	5	200	150	135	-	-	-	180	-	SC8210G2	○	-	-	6.1/F	-	120/60, 110/50	20095
1/2	5/8	4	5	-	-	-	125	100	100	-	150	SC8210G2	○	-	-	-	11.6/F	24/DC	21134
1/2	5/8	4	5	-	-	-	125	100	100	-	150	JKF8210G2	○	-	-	-	11.6/F	24/DC	20051
1/2	5/8	4	5	300	300	300	-	-	-	175	-	8210G7	○	-	-	17.1/F	-	120/60, 110/50	20095
3/4	5/8	4.5	0	150	150	125	-	-	-	175	-	-	-	8210G88	●	17.1/F	-	120/60, 110/50	20210
3/4	3/4	5	5	125	125	125	-	-	-	180	-	8210G9	○	-	-	6.1/F	-	120/60, 110/50	20107
3/4	3/4	5	5	-	-	-	100	90	75	-	150	8210G9	○	-	-	-	11.6/F	24/DC	20121
3/4	3/4	5	5	125	125	125	-	-	-	180	-	8210G9HW	○	-	-	6.1/F	-	120/60, 110/50	20108
3/4	3/4	5	0	150	150	-	-	-	-	180	-	8210G95	○	-	-	10.1/F	-	120/60, 110/50	20250
3/4	3/4	5	0	150	150	-	-	-	-	180	-	8210G95	○	-	-	10.1/F	-	24/60	20265
3/4	3/4	5	0	150	150	-	-	-	-	180	-	EF8210G95	○	-	-	10.1/F	-	120/60, 110/50	20257
3/4	3/4	6	0	350	300	200	-	-	-	200	-	8210G26 ② ‡	●	-	-	16.1/F	-	120/60	21412
1	1	13	0	150	125	125	-	-	-	180	-	8210G54 ‡	●	-	-	16.1/F	-	120/60	21414
1	1	13	5	150	150	100	-	-	-	180	-	8210G4	○	-	-	6.1/F	-	120/60, 110/50	20077
1	1	13	5	-	-	-	125	125	125	-	150	EF8210G4	○	-	-	-	11.6/F	24/DC	20091
1 1/4	1 1/8	15	5	150	150	100	-	-	-	180	-	8210G8	○	-	-	6.1/F	-	120/60, 110/50	20102
1 1/2	1 1/4	22.5	0	150	125	125	-	-	-	180	-	8210G56 ‡	-	-	-	16.1/F	-	120/60	21417
1 1/2	1 1/4	22.5	5	150	150	100	-	-	-	180	-	8210G22	●	-	-	6.1/F	-	120/60, 110/50	20132
2	1 3/4	43	5	150	125	90	-	-	-	180	-	8210G100	●	-	-	6.1/F	-	120/60, 110/50	20268

NORMALLY OPEN (Open when de-energized), NBR Seating (PA Disc-Holder, except as noted)

3/8	5/8	3	0	150	150	125	-	-	-	180	-	8210G33	●	-	-	10.1/F	-	120/60, 110/50	20146
1/2	5/8	4	0	150	150	125	-	-	-	180	-	8210G34	●	-	-	10.1/F	-	120/60, 110/50	20154
3/4	3/4	5.5	0	150	150	125	-	-	-	180	-	8210G35	●	-	-	10.1/F	-	120/60, 110/50	20166

Notes: ① 5 psi on Air; 1 psi on Water.
 ② Valve provided with PTFE main disc.
 ③ Valve includes Ultem (G.E. trademark) piston.
 ⑤ ○ Safety Shutoff Valve; ● General Purpose Valve.
 ⑦ On 50 hertz service, the watt rating for the 6.1/F solenoid is 8.1 watts.
 ‡ Must have solenoid mounted vertical and upright.

EF = Explosionproof, SC = Type F - High temperature DIN-type connector, JKF = Elongated splice box, Class F - High temperature - Screw terminals, HW = Hot water construction

8215 Aluminum Body Solenoid Valves Piloted • Aluminum Body



Features

- Lightweight, low-cost valves for air service.
- Ideal for low pressure applications.
- Provides high flow.
- Air and vacuum service.

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)			Max. Fluid Temp. °F		Aluminum Body		Watt Rating/ Class of Coil Insulation ②		Voltage	MSA #
			Min.	Max.		AC	DC	Catalog Number	UL ② Listing	AC	DC		
				Air-Fuel Gas	Air-Fuel Gas								
NORMALLY CLOSED (Closed when de-energized)													
3/8	3/4	3.4	0	50	-	125	-	8215G10	○	10.1/F	-	120/60,110/50	20286
1/2	3/4	4.4	0	50	-	125	-	8215G20	○	10.1/F	-	120/60,110/50	20290
3/4	3/4	5.1	0	50	-	125	-	8215G30	○	10.1/F	-	120/60,110/50	20297
1	1 5/8	21	0	25	-	125	-	8215B50 CSA ③	○	15.4/F	-	120/60,110/50	00569
1 1/4	1 5/8	32	0	-	25	-	77	8215B60 ③	○	-	14.9/B	12/DC	00579
1 1/4	1 5/8	32	0	25	-	125	-	8215B60 CSA ③	○	15.4/F	-	120/60,110/50	00577
1 1/2	1 5/8	35	0	25	-	125	-	8215B70 CSA ③	○	15.4/F	-	120/60,110/50	00581
2	2 3/32	60	0	25	-	125	-	8215B80 CSA ③	○	15.4/F	-	120/60,110/50	00589
NORMALLY OPEN (Open when de-energized)													
3/4	3/4	4.6	0	125	-	125	-	8215G33	●	10.1/F	-	120/60,110/50	20303
1	1 5/8	22	0	25	-	125	-	8215C53	●	15.4/F	-	120/60,110/50	00617
1 1/4	1 5/8	33	0	25	-	125	-	8215C63	●	15.4/F	-	120/60,110/50	00671

Notes: ② On 50 hertz service, the watt rating for the 6.1/F solenoid is 8.1 watts.
 ③ FM Approved Process Control Valves. See Engineering Section (Approvals) for details.
 ④ ○ = Safety Shutoff Valve; ● = General Purpose Valve. Refer to Engineering Section (Approvals) for details.

8220 Steam and Hot Water Valves Normally Closed • Brass Body



Features

- Handle the challenges of high-temperature fluids.
- PTFE and EPDM discs, stainless steel seats help provide long, reliable service life.
- Specify these valves for the high-temperature applications found in laundries, molding, steam atomization, sterilizers, autoclaves, and many others.
- Heavy duty, pilot operated piston valves have stainless steel pistons.

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)			Max. Fluid Temp. °F		Brass Body		AC Watt Rating/ Class of Coil Insulation	Voltage	MSA #
			Min.	Max.		Steam	Hot Water	Catalog Number				
				Steam	Hot Water							
PILOT OPERATED - NORMALLY CLOSED (Closed when de-energized)												
1/2	5/8	4.0	5 ①	50	150	300	210	8220G3	10.1/F	120/60, 110/50	20319	
1/2	5/8	4.0	5 ①	125	150	353	210	8220G21	10.1/H	120/60, 110/50	20325	
3/4	3/4	5.0	5 ①	50	150	300	210	8220G5	10.1/F	120/60, 110/50	20320	
3/4	3/4	5.0	5 ①	125	150	353	210	8220G23	10.1/H	120/60, 110/50	20327	
1	1	13.5	5 ②	50	150	300	210	8220G7	10.1/F	120/60, 110/50	20321	
1	1	13.5	5 ②	125	150	353	210	8220G25	10.1/H	120/60, 110/50	20329	

Notes: ① Once opened at higher pressure, valve will remain open to 0 psi at inlet.
 ② Once opened at higher pressure, valve will remain open to 3 psi at inlet.

8221 Slow Closing Solenoid Valves Pilot Operated • Brass Body

Features

- Pilot Operated, Normally Closed.
- Pressure spike due to water hammer reduced to a point eliminating the need for suppressors or other controls in most water systems.
- Fluid Controls Institute Inc. evaluations have classified these valves:

Pipe Sizes	FCI-82-1 Class
$\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ "	CC
1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 2", 2 $\frac{1}{2}$ "	BB



Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)		Maximum Fluid Temp. °F	Brass Body		Watt Rating/ Class of Coil Insulation	Voltage	MSA #
			Min.	Max. AC Water		AC	Catalog Number			
NORMALLY CLOSED (Closed when de-energized)										
1/2	9/16	3.5	5	150	180		8221G3	6.1/F	120/60, 110/50	20341
3/4	3/4	5.5	5	150	180		8221G5	6.1/F	120/60, 110/50	20345
1	1	11.5	5	150	180		8221G7	6.1/F	120/60, 110/50	20349
1 1/2	1 1/4	24	5	150	180		8221G11	6.1/F	120/60, 110/50	20354
2	1 3/4	36	5	150	180		8221G13	6.1/F	120/60, 110/50	20356

8222 Steam Valves Normally Closed • Brass Body

Features

- Handle the challenges of high-temperature fluids.
- PTFE and EPDM discs, stainless steel seats help provide long, reliable service life.
- Specify these valves for the high-temperature applications found in laundries, molding, steam atomization, sterilizers, autoclaves, and many others.
- Pilot operated diaphragm and piston valves. Y-body floating piston design.



Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Brass Body		AC Watt Rating/ Class of Coil Insulation	Voltage	MSA #
			Min.	Max. Steam		Steam	Catalog Number			
PILOT OPERATED - NORMALLY CLOSED (Closed when de-energized)										
3/8	3/8	2.5	1	125	353		8222G74	6.1/H	120/60, 110/50	21200
1/2	1/2	3.6	2	125	353		8222G47	10.1/H	120/60, 110/50	21041
PILOT OPERATED - NORMALLY CLOSED (Closed when de-energized)										
3/4	1/2	4.6	2	125	353		8222G49	10.1/H	120/60, 110/50	21043

8223 High Pressure Solenoid Valves Pilot Operated • Brass Body



Features

- Rugged piston construction built to withstand pressure ratings of 450 to 1500 psi.
- Angle body design for high flows.
- Ideal for high pressure water applications, such as car washes.
- Mountable in any position.

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)				Max. Fluid Temp. °F		Brass Body	Watt Rating/Class of Coil Insulation	Voltage	MSA #
			Max. AC			AC	DC	Catalog Number				
			Min.	Air-Inert Gas	Water				Light Oil @ 300 SSU			
NORMALLY CLOSED (Closed when de-energized)												
1/4	5/16	1.5	10	750	750	750	200	8223G21	10.1/F	120/60, 110/50	20369	
3/8	5/16	1.5	10	1500	1500	1500	200	8223G27	17.1/F	120/60, 110/50	20378	
1/2	3/8	3.2	25	1500	1500	1500	200	8223G3	17.1/F	120/60, 110/50	20359	
3/4	3/4	7.8	25	750	750	750	200	8223G5	17.1/F	120/60, 110/50	20362	

8225 Sub-Miniature Solenoid Valves Direct Acting • Brass and Stainless Steel Bodies



Features

- Economical, Normally Closed valves for a wide range of OEM applications.
- Convertable from AC to DC by changing the molded epoxy open frame coil.
- Individual valves handle mildly aggressive fluids.
- Mountable in any position.

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)						Max. Fluid Temp. °F		Open Frame Solenoid		Watt Rating/Class of Coil Insulation		Voltage	MSA #
			Max. AC			Max. DC			AC	DC	Brass Body	Stainless Steel Body	AC	DC		
			Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU								
NORMALLY CLOSED (Closed when de-energized), FKM Disc																
1/8	3/64	.05	-	-	-	200	200	200	-	77	U8225B1V	-	-	6.9/F	24/DC	03062
1/8	3/64	.05	500	500	500	-	-	-	180	-	-	U8225B5V	6.3/F	-	120/60, 110/50	03107
1/8	1/16	.07	-	-	-	125	125	125	-	77	U8225B2V	-	-	6.9/F	12/DC	03020
1/8	1/16	.07	300	300	300	-	-	-	180	-	U8225B2V	-	6.3/F	-	120/60, 110/50	03065
1/8	1/16	.07	-	-	-	125	125	125	-	77	U8225B2V	-	-	6.9/F	24/DC	03064
1/8	1/16	.07	-	-	-	125	125	125	-	77	-	U8225B6V	-	6.9/F	24/DC	03097
1/8	3/32	.17	175	175	175	-	-	-	180	-	U8225B3V	-	6.3/F	-	120/60, 110/50	03021
1/8	3/32	.17	175	175	175	-	-	-	180	-	-	U8225B7V	6.3/F	-	120/60, 110/50	03211
1/8	3/32	.17	-	-	-	30	30	30	-	77	-	U8225B7V	-	6.9/F	24/DC	03030
1/8	1/8	.23	125	125	125	-	-	-	180	-	SCU8225B4V	-	6.3/F	-	120/60, 110/50	03024
1/8	1/8	.23	-	-	-	20	20	20	-	77	U8225B4V	-	-	6.9/F	12/DC	03028
1/8	1/8	.23	125	125	125	-	-	-	180	-	U8225B4V	-	6.3/F	-	120/60, 110/50	03026
1/8	1/8	.23	-	-	-	20	20	20	-	77	U8225B4V	-	-	6.9/F	24/DC	03029
1/8	1/8	.23	125	125	125	-	-	-	180	-	U8225B4V	-	6.3/F	-	240/60, 220/50	03027
1/8	1/8	.23	125	125	125	-	-	-	180	-	-	SCU8225B8V	6.3/F	-	120/60, 110/50	03033
1/8	1/8	.23	-	-	-	20	20	20	-	77	-	U8225B8V	-	6.9/F	12/DC	03070
1/8	1/8	.23	125	125	125	-	-	-	180	-	-	U8225B8V	6.3/F	-	120/60, 110/50	03031

U = Open Frame, SC = Type F - High temperature DIN-type connector, V = Viton

8262 General Service Solenoid Valves Direct Acting • Brass or Stainless Steel Bodies

Features

- Reliable, proven design.
- Small poppet valves for tight shutoff.
- Mountable in any position.
- Brass body construction for general atmospheres;
Stainless Steel for corrosive atmospheres.

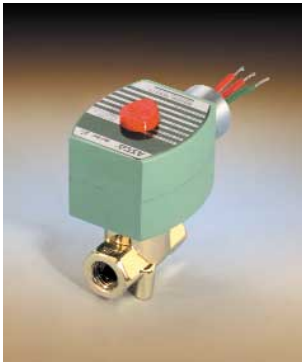


Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)						Max. Fluid Temp. °F		Brass Body		Stainless Steel Body		Watt Rating/Class of Coil Insulation ②		Voltage	MSA #	
			Max. AC			Max. DC			AC	DC	Catalog Number	UL ③ Listing	Catalog Number	UL ③ Listing	AC	DC			
			Air-Inert Gas	Water	Lt. Oil @ 300 SSU	Air-Inert Gas	Water	Lt. Oil @ 300 SSU											
NORMALLY CLOSED (Closed when de-energized), NBR Disc																			
1/8	3/32	.20	-	-	-	150	140	145	-	120	8262G14	○	-	○	-	10.6/F	12/DC	20411	
1/8	1/8	.34	155	180	140	-	-	-	180	-	8262G2	○	-	○	6.1/F	-	120/60, 110/50	20389	
1/8	1/8	.34	155	180	140	-	-	-	180	-	EF8262G2	○	-	○	6.1/F	-	120/60, 110/50	20391	
1/8	1/8	.34	100	-	-	-	-	-	180	-	X8262C2-TPL 13200	○	-	○	15.3/F	-	120/60, 110/50	00951	
1/8	1/8	.34	155	180	140	-	-	-	180	-	P8262C2	○	-	○	6.1/F	-	120/60, 110/50	00954	
1/8	1/8	.34	155	180	140	-	-	-	180	-	PSF8262C2	○	-	○	6.1/F	-	120/60, 110/50	00955	
1/4	3/64	.06	750	750	500	-	-	-	180	-	-	○	8262G80	○	6.1/F	-	120/60, 110/50	20441	
1/4	3/32	.17	360	340	160	-	-	-	180	-	8262G20	○	-	○	6.1/F	-	120/60, 110/50	20417	
1/4	1/8	.35	140	165	90	-	-	-	180	-	8262G22	○	-	○	6.1/F	-	120/60, 110/50	20422	
1/4	1/8	.35	300	300	200	-	-	-	180	-	8262G232	○	-	-	10.1/F	-	120/60, 110/50	20497	
1/4	5/32	.50	180	200	145	-	-	-	180	-	8262G202	○	-	○	10.1/F	-	120/60, 110/50	20461	
1/4	7/32	.72	90	100	100	-	-	-	180	-	8262G208V	○	-	○	10.1/F	-	120/60, 110/50	20474	
1/4	7/32	.85	40	50	40	-	-	-	180	-	8262G13	○	-	○	6.1/F	-	120/60, 110/50	20404	
1/4	9/32	.88	90	100	90	-	-	-	180	-	8262G212	○	-	○	17.1/F	-	120/60, 110/50	20484	
1/4	9/32	.96	-	-	-	15	16	16	-	120	8262G90	○	-	○	-	10.6/F	12/DC	20451	
1/4	9/32	.96	27	36	28	-	-	-	180	-	8262G90	○	-	○	6.1/F	-	120/60, 110/50	20445	
1/4	9/32	.96	-	-	-	15	16	16	-	120	8262G90	○	-	○	-	10.6/F	24/DC	20452	
NORMALLY OPEN (Open when de-energized), NBR Disc																			
1/8	1/16	.09	500	300	225	-	-	-	180	-	8262G91	●	-	●	6.1/F	-	120/60, 110/50	20453	
1/4	1/8	.35	130	110	100	-	-	-	180	-	8262G262		-		10.1/F	-	120/60, 110/50	20501	

Notes: ② On 50 hertz service, the rating for the 6.1/F solenoid is 8.1 watts.
③ ○ Safety Shutoff Valve; ● General Purpose Valve. Refer to Engineering Section (Approvals) for details.

EF = Explosionproof, X with TPL 13200 = Special gasketed panel mount, P = Panel mounted, SF = Class F - High temperature - Spade terminals, V = Viton

8263 General Service Solenoid Valves Direct Acting • Brass Body



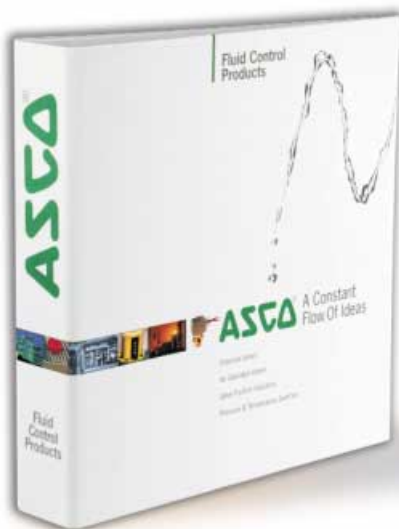
Features

- Reliable, proven design with high flows.
- Small poppet valves for tight shutoff.
- Mountable in any position.

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)				Max. Fluid Temp. °F	Brass Body		Watt Rating/ Class of Coil Insulation ②	Voltage	MSA #
			Max. AC					Catalog Number	UL ③ Listing			
			Air-Inert Gas	Water	Steam	Lt. Oil @ 300 SSU						
NORMALLY CLOSED (Closed when de-energized), NBR Disc												
1/4	5/32	.52	-	-	110	-	344	8263G300	○	10.1/H	120/60, 110/50	20526
3/8	1/8	.35	160	150	-	90	180	8263G2	○	6.1/F	120/60, 110/50	20512
3/8	7/32	.72	100	100	-	100	180	8263G206	○	17.1/F	120/60, 110/50	20519
3/8	9/32	.85	100	100	-	70	180	8263G210	○	17.1/F	120/60, 110/50	20523

Notes: ② On 50 hertz service, the rating for the 6.1/F solenoid is 8.1 watts.
 ③ ○ Safety Shutoff Valve; Refer to Engineering Section (Approvals) for details.

ASCO Catalog 33



For a variations tailored to your specific application see our complete Catalog 33, visit our website at www.ascovalve.com or contact the sales office nearest you.

8290 Angle Body Piston Valves Auxiliary Piloted • Bronze or 316L Stainless Steel Bodies

Features

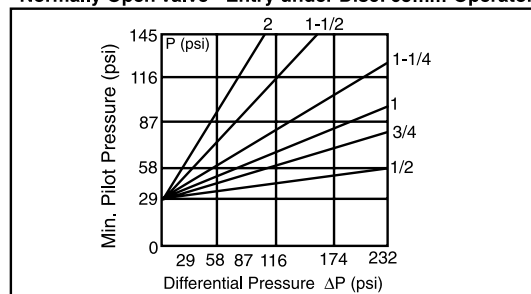
- Tough valves for serious applications, including corrosives, light slurries, and steam to 366°F (186°C).
- Designed for over 1 million cycles.
- Fluid passes under the disc for slower closing, anti-water hammer operation.
- Spring-loaded stem seal protects moving parts from harmful grit.
- Bubble-tight shutoff.
- Tough, fiber composite operator, 50 mm, 63 mm, or 90 mm, rotates 360°.
- Mountable in any position.



Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Pilot Pressure (psi)		Maximum Pressure Differential (psi)		Bronze Body	316L Stainless Steel Body	MSA #
			Min.	Max.	Fluids	Steam	Catalog Number	Catalog Number	
50 mm Operator									
NORMALLY CLOSED (Entry under disc)									
1/2	1/2	5.7	60	150	240	150	8290A384	-	03227
3/4	3/4	11	60	150	150	150	8290A385	-	03228
63 mm Operator									
NORMALLY CLOSED (Entry under disc)									
1/2	1/2	5.7	60	150	240	150	8290A002	-	03119
1/2	1/2	5.7	60	150	240	150	-	8290A045	03123
3/4	3/4	11	60	150	240	150	8290A005	-	03120
3/4	3/4	11	60	150	240	150	-	8290A048	03128
1	1	19	60	150	150	150	8290A010	-	03121
1	1	19	60	150	150	150	-	8290A053	03127
1 1/4	1 1/4	36	60	150	90	90	8290A016	-	03125
1 1/4	1 1/4	36	60	150	90	90	-	8290A059	03131
1 1/2	1 1/2	45	60	150	60	60	8290A020	-	03122
	1 1/2	45	60	150	60	60	-	8290A063	03132
2	2	66	60	150	40	40	8290A024	-	03126
2	2	66	60	150	40	40	-	8290A067	03136
NORMALLY OPEN (Entry under disc)									
1/2	1/2	5.7	⓪	150	240	150	8290A026	-	71002
1/2	1/2	5.7	⓪	150	240	150	-	8290A069	03134
3/4	3/4	11	⓪	150	240	150	8290A027	-	71003
3/4	3/4	11	⓪	150	240	150	-	8290A070	71009
1	1	19	⓪	150	240	150	8290A028	-	03135
1	1	19	⓪	150	240	150	-	8290A071	03137
1 1/2	1 1/2	45	⓪	150	160	150	8290A032	-	03141
2	2	66	⓪	150	105	105	8290A034	-	03142
90 mm Operator									
NORMALLY CLOSED (Entry under disc)									
1	1	19	60	150	240	150	8290A011	-	71001
1 1/4	1 1/4	36	60	150	180	150	8290A017	-	03129
1 1/2	1 1/2	45	60	150	120	120	8290A021	-	03130
1 1/2	1 1/2	45	60	150	120	120	-	8290A064	03140
2	2	66	60	150	90	90	8290A025	-	03124
2	2	66	60	150	90	90	-	8290A068	03133

Notes: ⓪ Minimum pilot pressure varies with differential pressure.

Normally Open Valve - Entry under Disc: 63mm Operator



8353 Main Pulse Valves High Flow • Aluminum Body



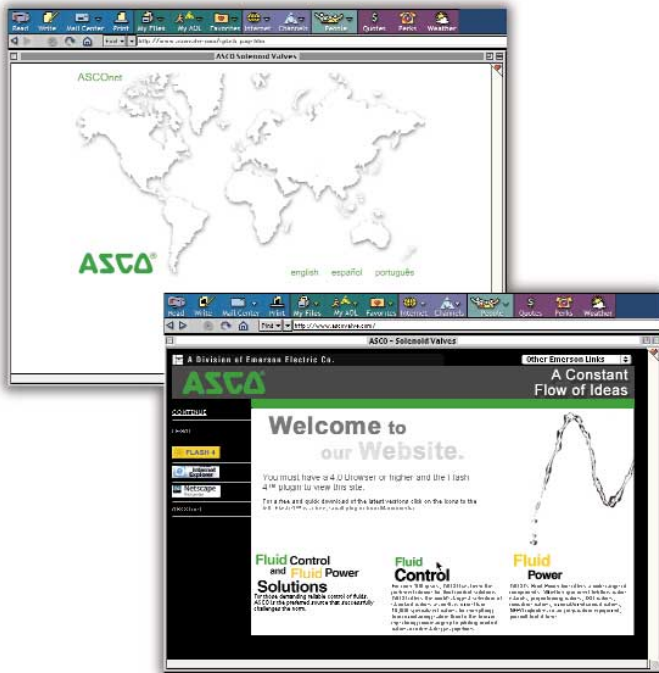
Features

- Specially designed for reverse jet-type dust collector systems.
- High flow Cv's
- High cycle life.
- Fast opening/closing.

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Min. Operating Pressure Differential (psi)	Max. Operating Pressure Differential (psi)	Integral Pilot	Remote Pilot Construction (Minimum Pilot Valve Orifice Size = 1/8")	Watt Rating/Class of Coil Insulation	Rebuild Kit AC Valves	Diaphragm Only 10 Pack "Zip" Kit	Voltage	MSA#
					Catalog Number	Catalog Number	AC	Kit No.	Kit No.		
3/4	3/4	10.5	5	125	-	8353C33 ③	-	-	K238864	-	02071
3/4 ①	3/4	10.5	5	125	-	8353C30 ③	-	-	K238864	-	02425
1	1 1/8	20	5	125	-	8353C35 ④	-	-	K238866	-	02073
1 1/2	2	53	10	125	-	8353H38 ④	-	-	K238870	-	21539
1 1/2	2	53	5	125	8353J39 ④	-	10.1/F	K322108	K238870	120/60, 110/50	21542

Notes: ① Supplied with internal slip fit connection on outlet.
 ③ NBR diaphragm.
 ④ Hytrel diaphragm max. fluid temp. 150°F.

ASCO's multi-language website



Come see ASCO's multi-language website. Features to the site include a product configurator and an on-line catalog. Receive a list of valves that will fit your application, by providing minimal information. A search engine will help you quickly find what you need.

Installation and maintenance sheets can now be found on-line. Visit the site at www.ascovalve.com.

www.ascovalve.com