Features

- Lightweight, low-cost valves for air service
- Ideal for low pressure applications
- Provides high flow, Cv up to 138 (Kv 118)
- Air and vacuum service

Construction

Valve Parts in Contact with Fluids	
Body	Aluminum
Seals, Diaphragms, Disc	NBR
Disc-Holder	PA (10.1 and 11.6 watt Normally Open only)
Core Guide	POM
Core Tube	305 Stainless Steel
Rider Rings	PTFE
Core and Plugnut	430F Stainless Steel
Springs*	302 Stainless Steel
Shading Coil	Copper
* For 8040H006, 8040H007, 8040H008, spring material is 17-7 PH	

Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption				Spare Coil Part No.			
		AC			General Purpose		Explosionproof	
	DC Watts	Watts	VA Holding	VA Inrush	AC	DC	AC	DC
F	-	6.1	16	40	238210	-	238214	-
F	11.6	10.1	25	70	238610	238710	238614	238714
F	15.8	15.4	27	160	99257	501695	99257	501696
F	-	28.2	50	385	206409	-	206409	-

Standard Voltages: 24, 120, 240, 480 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz), 6, 12, 24, 120, 240 volts DC. Must be specified when ordering. Other voltages available when required. (Note: 24 volt AC, 60 Hz not available with 28.2 watt coil)

Solenoid Enclosures

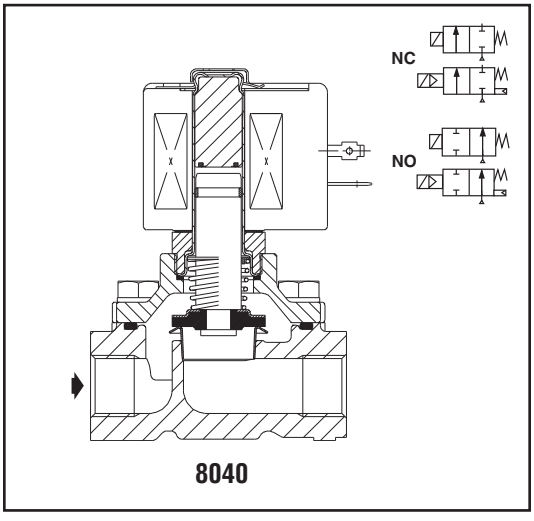
Standard: RedHat II - Watertight, Types 1, 2, 3, 3S, 4, and 4X; RedHat - Type I.

Optional: RedHat II - Explosionproof and Watertight, Types 3, 3S, 4, 4X, 6, 6P, 7, and 9; RedHat - Explosionproof and Raintight, Types 3, 7, and 9. (Except EF8215A40 and EF8215A90, which are suitable for Types 3 and 7 (C and D) only and have a T2B temperature rating code.)
To order, add prefix "EF" to catalog number.

See Optional Features Section for other available options.

Nominal Ambient Temp. Ranges

Series	AC	DC
	RedHat II/RedHat	RedHat II
8040	-40˚F to 125˚F (-40˚C to 52˚C)	-
8215	32˚F to 125˚F (0˚C to 52˚C)	32˚F to 104˚F (0˚C to 40˚C)
Refer to Engineering Section for details.		



8040

Approvals:

CSA certified to:

8040 Series:

1) Standard C22.2 No. 139 "Electrically Operated Valves," File 10381.

2) Automatic Gas Valves Z21.21 (6.5) C/I, File 112872.

8215 Series Normally Closed:

1) Standard C22.2 No. 139 "Electrically Operated Valves," File 10381.

2) Automatic Gas Valves Z21.21 (6.5) C/I, File 112872. (Excludes 8215G001,-002, -003)

8215 Series Normally Open:

1) Standard C22.2 No. 139 "Electrically Operated Valves," File 10381.

2) Automatic Gas Valves Z21.21 (6.5), File 112872.

UL listed, as indicated. FM approved (Normally Closed only, except Catalog Numbers 8215A090, 8215A040 8215G001, 8215G002, and 8215G003).
RedHat II meets applicable CE directives.
Refer to Engineering Section for details.

Specifications (English units)

Pipe Size (in)	Orifice Size (in)	Cv Flow Factor	Gas Capacity Btu/hr ⑥	Operating Pressure Differential (psi)			Max. Fluid Temp. ˚F		Aluminum Body	Const. Ref.		UL ⑤ Listing	Watt Rating/ Class of Coil Insulation ②	
				Min.	Max. AC Air-Fuel Gas	Max. DC Air-Fuel Gas	AC	DC	Catalog Number	AC	DC		AC	DC
NORMALLY CLOSED (Closed when de-energized)														
1/8	5/16	1.0	53,700	0	15	-	125	-	8040H006 ⑩	11		❍	6.1/F	-
1/4	5/16	1.1	59,000	0	15	-	125	-	8040H007 ⑩	11		❍	6.1/F	-
3/8	5/16	1.2	64,400	0	15	-	125	-	8040H008 ⑩	11		❍	6.1/F	-
3/8	3/4	3.4	183,000	0	50	25	125	104	8215G010 ⑩	2		❍	10.1/F	11.6/F
3/8	3/4	3.5	-	5	125	125	125	104	8215G001 ①	1		❍	6.1/F	11.6/F
1/2	3/4	5.4	291,000	0	2	-	125	-	8040G022 ⑩	13A		❍	10.1/F	-
1/2	3/4	4.4	238,500	0	50	25	125	104	8215G020 ⑩	2		❍	10.1/F	11.6/F
1/2	3/4	4.8	-	5	125	125	125	104	8215G002 ①	1		❍	6.1/F	11.6/F
3/4	3/4	9.5	512,000	0	2	-	125	-	8040G023 ⑩	13B		❍	10.1/F	-
3/4	3/4	5.1	247,500	0	50	25	125	104	8215G030 ⑩	4		❍	10.1/F	11.6/F
3/4	3/4	5.1	-	5	125	125	125	104	8215G003 ①	3		❍	6.1/F	11.6/F
1	1 5/8	21	1,119,000	0	25	-	125	-	8215B050 ③	6		❍	15.4/F	-
1	1 5/8	21	1,119,000	0	-	25	-	104	8215G050 ③⑧⑨	16		❍	-	15.8/F
1 1/4	1 5/8	32	1,730,000	0	25	-	125	-	8215B060 ③	6		❍	15.4/F	-
1 1/4	1 5/8	32	1,730,000	0	-	25	-	104	8215G060 ③⑧⑨	16		❍	-	15.8/F
1 1/2	1 5/8	35	1,900,000	0	25	-	125	-	8215B070 ③	6		❍	15.4/F	-
1 1/2	1 5/8	35	1,900,000	0	-	25	-	104	8215G070 ③⑧⑨	16		❍	-	15.8/F
2	2 3/32	60	3,251,000	0	25	-	125	-	8215B080 ③	7		❍	15.4/F	-
2	2 3/32	60	3,251,000	0	-	15	-	104	8215G080 ③⑧⑨	17		❍	-	15.8/F
2 1/2	3	117	5,821,000	0	5	-	125	-	8215A090 ⑦	8		❍	28.2/F	-
3	3	138	7,430,000	0	5	-	125	-	8215A040 ⑦	8		❍	28.2/F	-
NORMALLY OPEN (Open when de-energized)														
3/8	3/4	3.5	191,000	0	125	125	125	104	8215G013	9		●	10.1/F	11.6/F
1/2	3/4	4.0	210,300	0	125	125	125	104	8215G023	9		●	10.1/F	11.6/F
3/4	3/4	4.7	252,000	0	125	125	125	104	8215G033	10		●	10.1/F	11.6/F
1	1 5/8	22	1,191,750	0	25	15	125	104	8215C053	12	-	●	15.4/F	-
1	1 5/8	22	1,191,750	0	25	15	125	104	8215G053 ⑧⑨	-	18	●	-	15.8/F
1 1/4	1 5/8	33	1,793,250	0	25	15	125	104	8215C063	12	-	●	15.4/F	-
1 1/4	1 5/8	33	1,793,250	0	25	15	125	104	8215G063 ⑧⑨	-	18	●	-	15.8/F
1 1/2	1 5/8	37	1,988,250	0	25	15	125	104	8215C073	13	-	●	15.4/F	-
1 1/2	1 5/8	37	1,988,250	0	25	15	125	104	8215G073 ⑧⑨	-	18	●	-	15.8/F
2	2 3/32	58	3,100,000	0	25	15	125	104	8215C083	14	-	●	15.4/F	-
2	2 3/32	58	3,100,000	0	25	15	125	104	8215G083 ⑧⑨	-	19	●	-	15.8/F
2 1/2	3	113	6,060,000	0	5	-	125	-	8215B093 ④⑦	15		●	28.2/F	-

① Do not use for Fuel Gas.
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 Type I enclosure only.
⑤ ❍ = Safety Shutoff Valve; ● = General Purpose Valve. *Refer to Engineering Section (Approvals) for details.*
⑥ 1" W.C. Drop @ 2" W.C. Inlet Pressure, 1,000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.
⑦ Not available with 24 volt, 60 Hz coil.
⑧ Coil options EF, HT, and HC only.
⑨ Not available with 6 VDC coil. ⑩ FM Approved Safety Shutoff Valves. *Refer to Engineering Section (Approvals) for details*

Specifications (Metric units)

Pipe Size (in)	Orifice Size (mm)	Kv Flow Factor (m3/h)	Gas Capacity Btu/hr ⑥	Operating Pressure Differential (bar)			Max. Fluid Temp.˚C		Aluminum Body	Const. Ref.		UL ⑤ Listing	Watt Rating/ Class of Coil Insulation ②	
				Min.	Max. AC Air-Fuel Gas	Max. DC Air-Fuel Gas	AC	DC	Catalog Number	AC	DC		AC	DC
NORMALLY CLOSED (Closed when de-energized)														
1/8	7.9	.86	53,700	0	1.0	-	52	-	8040H006 ⑩	11		❍	6.1/F	-
1/4	7.9	.94	59,000	0	1.0	-	52	-	8040H007 ⑩	11		❍	6.1/F	-
3/8	7.9	1.0	64,400	0	1.0	-	52	-	8040H008 ⑩	11		❍	6.1/F	-
3/8	19	2.9	183,000	0	3.4	1.7	52	40	8215G010 ⑩	2		❍	10.1/F	11.6/F
3/8	19	3.0	-	0.3	8.6	8.6	52	40	8215G001 ①	1		❍	6.1/F	11.6/F
1/2	19	4.6	291,000	0	0.1	-	52	-	8040G022 ⑩	13A		❍	10.1/F	-
1/2	19	3.8	238,500	0	3.4	1.7	52	40	8215G020 ⑩	2		❍	10.1/F	11.6/F
1/2	19	4.1	-	0.3	8.6	8.6	52	40	8215G002 ①	1		❍	6.1/F	11.6/F
3/4	19	8.1	449,000	0	0.1	-	52	-	8040G023 ⑩	13B		❍	10.1/F	-
3/4	19	4.4	247,500	0	3.4	1.7	52	40	8215G030 ⑩	4		❍	10.1/F	11.6/F
3/4	19	4.4	-	0.3	8.6	8.6	52	40	8215G003 ①	3		❍	6.1/F	11.6/F
1	41	18	1,119,000	0	1.7	-	52	-	8215B050 ③	6		❍	15.4/F	-
1	41	18	1,119,000	0	-	1.7	-	40	8215G050 ③⑧⑨	16		❍	-	15.8/F
1 1/4	41	27	1,730,000	0	1.7	-	52	-	8215B060 ③	6		❍	15.4/F	-
1 1/4	41	27	1,730,000	0	-	1.7	-	40	8215G060 ③⑧⑨	16		❍	-	15.8/F
1 1/2	41	30	1,900,000	0	1.7	-	52	-	8215B070 ③	6		❍	15.4/F	-
1 1/2	41	30	1,900,000	0	-	1.7	-	40	8215G070 ③⑧⑨	16		❍	-	15.8/F
2	53	51	3,251,000	0	1.7	-	52	-	8215B080 ③	7		❍	15.4/F	-
2	53	51	3,251,000	0	-	1.0	-	40	8215G080 ③⑧⑨	17		❍	-	15.8/F
2 1/2	76	100	5,821,000	0	0.3	-	52	-	8215A090 ⑦	8		❍	28.2/F	-
3	76	118	7,430,000	0	0.3	-	52	-	8215A040 ⑦	8		❍	28.2/F	-
NORMALLY OPEN (Open when de-energized)														
3/8	19	3.0	191,000	0	8.6	8.6	52	40	8215G013	9		●	10.1/F	11.6/F
1/2	19	3.4	210,300	0	8.6	8.6	52	40	8215G023	9		●	10.1/F	11.6/F
3/4	19	4.0	252,000	0	8.6	8.6	52	40	8215G033	10		●	10.1/F	11.6/F
1	41	19	1,191,750	0	1.7	1.0	52	40	8215C053	12	-	●	15.4/F	-
1	41	19	1,191,750	0	1.7	1.0	52	40	8215G053 ⑧⑨	-	18	●	-	15.8/F
1 1/4	41	28	1,793,250	0	1.7	1.0	52	40	8215C063	12	-	●	15.4/F	-
1 1/4	41	28	1,793,250	0	1.7	1.0	52	40	8215G063 ⑧⑨	-	18	●	-	15.8/F
1 1/2	41	32	1,988,250	0	1.7	1.0	52	40	8215C073	13	-	●	15.4/F	-
1 1/2	41	32	1,988,250	0	1.7	1.0	52	40	8215G073 ⑧⑨	-	18	●	-	15.8/F
2	53	50	3,100,000	0	1.7	1.0	52	40	8215C083	14	-	●	15.4/F	-
2	53	50	3,100,000	0	1.7	1.0	52	40	8215G083 ⑧⑨	-	19	●	-	15.8/F
2 1/2	76	97	6,060,000	0	0.3	-	52	-	8215B093 ④⑦	15		●	28.2/F	-

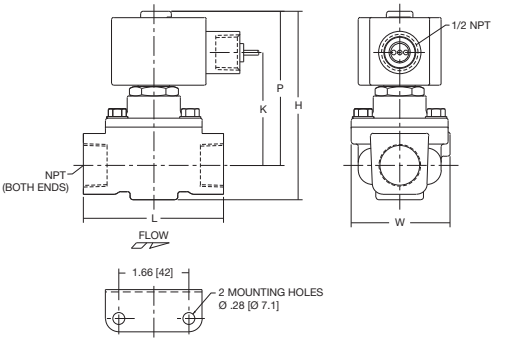
① Do not use for Fuel Gas.
② On 50 hertz service, the watt rating for the 6.1/F solenoid is 8.1 watts.
③ FM Approved Process Control Valves. *See Engineering Section (Approvals) for details.*
④ Type 1 enclosure only.
⑤ ❍ = Safety Shutoff Valve; ● = General Purpose Valve. *Refer to Engineering Section (Approvals) for details.*
⑥ 1" W.C. Drop @ 2" W.C. Inlet Pressure, 1,000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.
⑦ Not available with 24 volt, 60 Hz coil.
⑧ Coil options EF, HT, and HC only.
⑨ Not available with 6 VDC coil. ⑩ FM Approved Safety Shutoff Valves. *Refer to Engineering Section (Approvals) for details*

Dimensions: inches (mm)

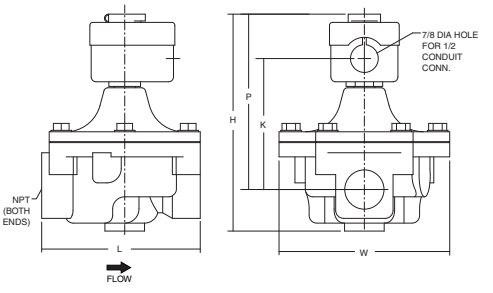
Const. Ref.		H	K	L	P	W
1	in	3.42	2.00	2.75	2.87	2.46
	mm	87	51	70	73	63
2	ins	4.02	2.49	2.75	3.46	2.46
	mm	102	63	70	88	63
3	in	3.87	2.19	3.31	3.05	2.33
	mm	98	56	84	77	59
4	in	4.46	2.68	3.31	3.64	2.33
	mm	113	68	84	92	59
6 ①	in	6.84	4.25	5.00	5.59	5.38
	mm	174	108	127	142	137
7 ①	in	7.47	4.53	6.09	5.94	6.31
	mm	190	115	155	151	160
8 ①	in	10.25	5.75	7.79	7.91	7.94
	mm	260	146	198	201	202
9	in	4.42	2.72	2.75	3.86	2.36
	mm	112	69	70	98	60
10	in	4.86	2.72	3.31	4.04	2.36
	mm	123	69	84	103	60
11	in	2.74	1.44	2.00	2.30	1.69
	mm	69	36	51	58	43
12	in	6.84	2.22	5.00	3.63	5.38
	mm	174	56	127	92	137
13	in	6.84	2.16	5.00	3.56	5.38
	mm	174	55	127	90	137
13A	in	4.05	2.46	2.75	3.44	2.42
	mm	103	63	70	87	62
13B	in	4.49	2.65	3.31	3.63	2.39
	mm	114	67	84	92	61
14 ②	in	7.44	2.41	6.09	3.81	6.31
	mm	189	61	155	97	160
15 ②	in	10.25	3.07	7.80	5.22	7.94
	mm	260	78	198	133	202
16	in	6.7	4.4	5.00	5.5	5.38
	mm	171	111	127	139	137
17	in	7.3	4.7	6.1	5.8	6.31
	mm	186	120	155	148	160
18 ②	in	6.7	2.4	4.8	3.5	5.4
	mm	171	60	121	89	137
19 ②	in	7.3	2.6	6.1	3.7	6.3
	mm	187	66	155	95	161

IMPORTANT: Valves may be mounted in any position except all DC constructions and those marked ①, which must be mounted with the solenoid vertical and upright. Constructions marked ② must be mounted with the solenoid vertical and upright or horizontal only.

Const. Ref. 1-4, 9, 10, 13A, 13B



Const. Ref. 6, 7, 8



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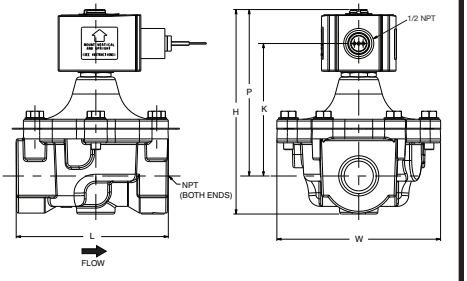

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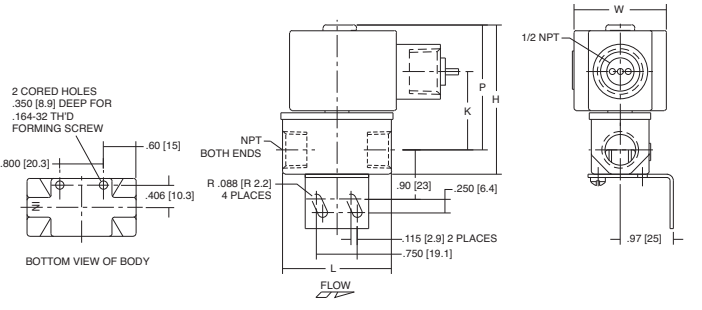

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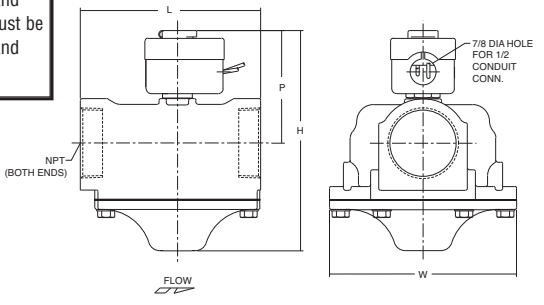

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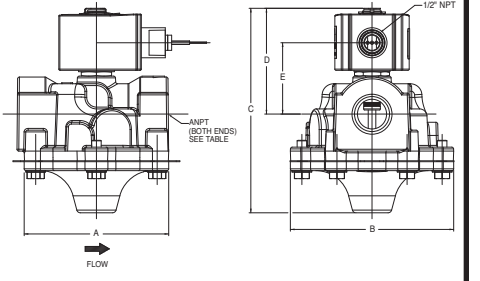


Features

- Design eliminates metal-to-metal contact to extend life up to 20 million cycles in dry air or gas applications
- Internal AC hum and metallic click at energization are eliminated. Quiet operating
- Easily handles applications involving rapid cycling or continuous energization

Construction

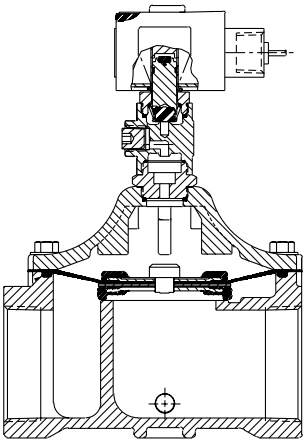
Valve Parts in Contact with Fluids	
Core Bumpers	UR
Rider Rings	PTFE
For more information, see individual Series in General Service Valve Section.	

Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption				Spare Coil Part Number	
		AC			General Purpose	Explosionproof
	DC Watts	Watts	VA Holding	VA Inrush	AC	AC
F	①	15.1	22	22	270110	270114

Standard Voltages: 24, 120, 240, 480 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz). Must be specified when ordering.

Note: ① *Consult your local ASCO sales office for DC voltages.*



8215

Solenoid Enclosures

Standard: Watertight, Types 1, 2, 3, 3S, 4, and 4X.

Optional: Explosionproof and Watertight, Types 3, 3S, 4, 4X, 6, 6P, 7, and 9. (To order, add prefix "EF" to catalog number.)

See Optional Features Section for other available options.

Nominal Ambient Temp. Ranges

Series 8262: 32˚F to 131˚F (0˚C to 55˚C)*

* Max. ambient for explosionproof (EF) is 125˚F (52˚C)

All others: 32˚F to 104˚F (0˚C to 40˚C)

Refer to Engineering Section for details.

Approvals

CSA certified. UL listed General Purpose Valves.

Meets applicable CE directives.

Installation

For optimum life, the valve should be installed with the solenoid positioned upright and vertical.

Refer to Engineering Section for details.

Specifications (English units)

Pipe Size (in)	Orifice Size (in)	Cv Flow Factor	Operating Pressure Differential (psi) Min.	Operating Pressure Differential (psi) Max. AC (DC) Air-Inert Gas	Max. Fluid Temp. °F	Catalog Number Brass	Catalog Number Stainless Steel	Catalog Number Aluminum	Watt Rating/Class of Coil Insulation AC (DC)
2/2 VALVES (5 MILLION CYCLE CAPABILITY)									
NORMALLY CLOSED (Closed when de-energized)									
3/8	5/8	3	5	125	140	8210G001Q	-	-	15.1/F
1/2	5/8	4	5	125	140	8210G002Q	-	-	15.1/F
3/4	3/4	4.5	5	125	140	8210G009Q	-	-	15.1/F
1	1 5/8	13	1	20	140	-	-	8215G095Q	15.1/F
1 1/4	1 5/8	15	1	20	140	-	-	8215G096Q	15.1/F
1 1/2	1 5/8	20	1	20	140	-	-	8215G097Q	15.1/F
2	2 3/32	34	1	20	140	-	-	8215G098Q	15.1/F
NORMALLY OPEN (Open when de-energized)									
3/8	5/8	3	5	125	140	8210G011Q	-	-	15.1/F
1/2	5/8	4	5	125	140	8210G012Q	-	-	15.1/F
3/4	3/4	4.5	5	125	140	8210G013Q	-	-	15.1/F
1	1 5/8	13	1	20	140	-	-	8215G099Q	15.1/F
1 1/4	1 5/8	15	1	20	140	-	-	8215G100Q	15.1/F
1 1/2	1 5/8	20	1	20	140	-	-	8215G101Q	15.1/F
2	2 3/32	34	1	20	140	-	-	8215G102Q	15.1/F
2/2 VALVES (20 MILLION CYCLE CAPABILITY)									
NORMALLY CLOSED (Closed when de-energized)									
1/8	1/8	0.35	0	125 (60)	140	8262H077Q	8262H179Q	-	15.1/F (11.6)
1/4	3/32	0.21	0	150 (110)	140	8262H108Q	8262H182Q	-	15.1/F (11.6)
1/4	1/8	0.35	0	125 (60)	140	8262H232Q	8262H184Q	-	15.1/F (11.6)
1/4	5/32	0.52	0	50 (40)	140	8262H202Q	8262H220Q	-	15.1/F (11.6)
1/4	7/32	0.73	0	50 (20)	140	8262H208Q	8262H226Q	-	15.1/F (11.6)
1/4	9/32	0.88	0	20 (13)	140	8262H210Q	8262H189Q	-	15.1/F (11.6)
3/8	1/8	0.35	0	125 (60)	140	8263H232Q	8263H190Q	-	15.1/F (11.6)
3/8	5/32	0.52	0	50 (40)	140	8263H200Q	8263H331Q	-	15.1/F (11.6)
3/8	7/32	0.73	0	50 (20)	140	8263H124Q	8263H195Q	-	15.1/F (11.6)
3/8	9/32	0.88	0	20 (13)	140	8263H125Q	8263H197Q	-	15.1/F (11.6)
NORMALLY OPEN (Open when de-energized)									
1/8	1/16	.09	0	125	140	8262G091Q	-	-	15.1/F
1/4	1/16	.09	0	125	140	8262G032Q	-	-	15.1/F
3/2 VALVES (5 MILLION CYCLE CAPABILITY)									
NORMALLY CLOSED (Closed when de-energized)									
3/8	5/8	3	10	125	140	8316G014Q ②	-	-	15.1/F
1/2	5/8	4	10	125	140	8316G024Q ②	-	-	15.1/F
NORMALLY OPEN (Open when de-energized)									
3/8	5/8	3	10	125	140	8316G016Q ②	-	-	15.1/F
1/2	5/8	4	10	125	140	8316G026Q ②	-	-	15.1/F
3/2 VALVES (20 MILLION CYCLE CAPABILITY)									
UNIVERSAL OPERATION (Pressure at any port)									
1/8	1/16	.09	0	70	140	8320G001Q	-	-	15.1/F
1/4	1/16	.09	0	70	140	8320G172Q	-	-	15.1/F
1/4	3/32	.15	0	40	140	8320G174Q	-	-	15.1/F
NORMALLY CLOSED (Closed when de-energized)									
1/8	1/16	.09	0	125	140	8320G013Q	-	-	15.1/F
1/4	1/16	.09	0	125	140	8320G182Q	-	-	15.1/F
1/4	1/8	.31	0	35	140	8320G186Q	-	-	15.1/F
NORMALLY OPEN (Open when de-energized)									
1/8	1/16	.09	0	125	140	8320G027Q	-	-	15.1/F
1/4	1/16	.09	0	125	140	8320G192Q	-	-	15.1/F
1/4	1/8	.31	0	35	140	8320G196Q	-	-	15.1/F
4/2 VALVES (5 MILLION CYCLE CAPABILITY)									
SINGLE SOLENOID									
1/4	1/4	.53	10	125	140	8344G070Q ②	-	-	15.1/F
3/8	1/4	.53	10	125	140	8344G001Q ②	-	-	15.1/F
1/2	3/8	1.3	10	125	140	8344G074Q ②	-	-	15.1/F
4/2 VALVES (20 MILLION CYCLE CAPABILITY)									
SINGLE SOLENOID									
1/4	1/16	①	10	100	140	8345G002Q ②	-	-	15.1/F

① Inlet Cv is 0.036; exhaust Cv is 0.092. ② **IMPORTANT:** A Minimum Operating Pressure Differential must be maintained between the pressure and exhaust ports. Supply and exhaust piping must be full area, unrestricted. ASCO flow controls and other similar components must be installed in the cylinder lines only.

Specifications (Metric units)

Pipe Size (in)	Orifice Size (mm)	Kv Flow Factor (m^3/h)	Operating Pressure Differential (bar)		Max. Fluid Temp.˚C	Catalog Number			Watt Rating/Class of Coil Insulation
			Min.	Max. AC Air-Inert Gas		Brass	Stainless Steel	Aluminum	AC (DC)
2/2 VALVES (5 MILLION CYCLE CAPABILITY)									
NORMALLY CLOSED (Closed when de-energized)									
3/8	16	2.57	0.3	8.6	60	8210G001Q	-	-	15.1/F
1/2	16	3.43	0.3	8.6	60	8210G002Q	-	-	15.1/F
3/4	19	3.86	0.3	8.6	60	8210G009Q	-	-	15.1/F
1	41	11.14	0.1	1.4	60	-	-	8215G095Q	15.1/F
1 1/4	41	12.86	0.1	1.4	60	-	-	8215G096Q	15.1/F
1 1/2	41	17.14	0.1	1.4	60	-	-	8215G097Q	15.1/F
2	53	29.14	0.1	1.4	60	-	-	8215G098Q	15.1/F
NORMALLY OPEN (Open when de-energized)									
3/8	16	2.57	0.3	8.6	60	8210G011Q	-	-	15.1/F
1/2	16	3.43	0.3	8.6	60	8210G012Q	-	-	15.1/F
3/4	19	3.86	0.3	8.6	60	8210G013Q	-	-	15.1/F
1	41	11.14	0.1	1.4	60	-	-	8215G099Q	15.1/F
1 1/4	41	12.86	0.1	1.4	60	-	-	8215G100Q	15.1/F
1 1/2	41	17.14	0.1	1.4	60	-	-	8215G101Q	15.1/F
2	53	29.14	0.1	1.4	60	-	-	8215G102Q	15.1/F
2/2 VALVES (20 MILLION CYCLE CAPABILITY)									
NORMALLY CLOSED (Closed when de-energized)									
1/8	1/8	0.30	0	8.6 (4.1)	60	8262H077Q	8262H179Q	-	15.1/F (11.6)
1/4	3/32	0.18	0	10.3 (7.6)	60	8262H108Q	8262H182Q	-	15.1/F (11.6)
1/4	1/8	0.30	0	8.6 (4.1)	60	8262H232Q	8262H184Q	-	15.1/F (11.6)
1/4	5/32	0.45	0	3.4 (2.8)	60	8262H202Q	8262H220Q	-	15.1/F (11.6)
1/4	7/32	0.63	0	3.4 (1.4)	60	8262H208Q	8262H226Q	-	15.1/F (11.6)
1/4	9/32	0.76	0	1.4 (0.9)	60	8262H210Q	8262H189Q	-	15.1/F (11.6)
3/8	1/8	0.30	0	8.6 (4.1)	60	8263H232Q	8263H190Q	-	15.1/F (11.6)
3/8	5/32	0.45	0	3.4 (2.8)	60	8263H200Q	8263H331Q	-	15.1/F (11.6)
3/8	7/32	0.63	0	3.4 (1.4)	60	8263H124Q	8263H195Q	-	15.1/F (11.6)
3/8	9/32	0.76	0	1.4 (0.9)	60	8263H125Q	8263H197Q	-	15.1/F (11.6)
NORMALLY OPEN (Open when de-energized)									
1/8	2	.08	0.0	8.6	60	8262G091Q	-	-	15.1/F
1/4	2	.08	0.0	8.6	60	8262G032Q	-	-	15.1/F
3/2 VALVES (5 MILLION CYCLE CAPABILITY)									
NORMALLY CLOSED (Closed when de-energized)									
3/8	16	2.57	0.7	8.6	60	8316G014Q ②	-	-	15.1/F
1/2	16	3.43	0.7	8.6	60	8316G024Q ②	-	-	15.1/F
NORMALLY OPEN (Open when de-energized)									
3/8	16	2.57	0.7	8.6	60	8316G016Q ②	-	-	15.1/F
1/2	16	3.43	0.7	8.6	60	8316G026Q ②	-	-	15.1/F
3/2 VALVES (20 MILLION CYCLE CAPABILITY)									
UNIVERSAL OPERATION (Pressure at any port)									
1/8	2	.08	0.0	4.8	60	8320G001Q	-	-	15.1/F
1/4	2	.08	0.0	4.8	60	8320G172Q	-	-	15.1/F
1/4	2	.13	0.0	2.8	60	8320G174Q	-	-	15.1/F
NORMALLY CLOSED (Closed when de-energized)									
1/8	2	.08	0.0	8.6	60	8320G013Q	-	-	15.1/F
1/4	2	.08	0.0	8.6	60	8320G182Q	-	-	15.1/F
1/4	3	.27	0.0	2.4	60	8320G186Q	-	-	15.1/F
NORMALLY OPEN (Open when de-energized)									
1/8	2	.08	0.0	8.6	60	8320G027Q	-	-	15.1/F
1/4	2	.08	0.0	8.6	60	8320G192Q	-	-	15.1/F
1/4	3	.27	0.0	2.4	60	8320G196Q	-	-	15.1/F
4/2 VALVES (5 MILLION CYCLE CAPABILITY)									
SINGLE SOLENOID									
1/4	6	.45	0.7	8.6	60	8344G070Q ②	-	-	15.1/F
3/8	6	.45	0.7	8.6	60	8344G001Q ②	-	-	15.1/F
1/2	10	1.11	0.7	8.6	60	8344G074Q ②	-	-	15.1/F
4/2 VALVES (20 MILLION CYCLE CAPABILITY)									
SINGLE SOLENOID									
1/4	2	①	0.7	6.9	60	8345G002Q ②	-	-	15.1/F

① Inlet Kv is 0.031; exhaust Kv is 0.079. ② **IMPORTANT:** A Minimum Operating Pressure Differential must be maintained between the pressure and exhaust ports. Supply and exhaust piping must be full area, unrestricted. ASCO flow controls and other similar components must be installed in the cylinder lines only.

Dimensions inches (mm)

Note: *Please see General Service Section for applicable 2-way, 3-way, and 4-way valve dimensions.*