

This catalog is designed to make it easier to select and order the right valve for your application from the world's leading manufacturer of solenoid and air operated valves.

To assist in selecting the proper valve for your application, we recommend two approaches. First, if you know the valve series that meets your needs, you can go directly to the appropriate page as listed in the Numerical Listing, or the Main Index. If you do not know the proper valve Series, please refer to the Condensed Listing, which provides an overview of key specifications for all General Service valves included in this catalog. This listing is organized by valve type and operation, then indexed by pipe size, flow factor, and other vital specifications.

If you are unable to locate the desired valve in the Condensed Listing, refer to the individual valve series in the main catalog for a more complete listing.

In order to select a valve, you will need the following application information:

Valve Type	2-Way, 3-Way, 4-Way
Operation	Normally Open, Normally Closed, Universal
Pipe Size	Pipe size or flow requirement
Media	Fluid to be controlled
Pressure	Minimum and maximum operating pressure
Temperature	Minimum and maximum fluid and ambient temperature (if unusual, contact technical support)
Voltage	Voltage and frequency to be used
Extras	Special seals, special seats, brackets, etc.

Once you have determined the above application information, the next steps can navigate you to the appropriate valve in this catalog:

Turn to the Condensed Listing section relevant to the **VALVE TYPE** and **OPERATION** you are looking for (Example: 2-Way, Normally Closed).

Locate the family of valves corresponding to the **PIPE SIZE** of the valve desired (Example: 1/8").

Select the applicable **MEDIA** and relevant **PRESSURE** rating in the "Operating Pressure Differential" column for AC or DC, respectively (Example: 300 psi for water, maximum AC).

If the field of possible valves has not been narrowed to one valve at this point, the Cv Flow Factor, Orifice Size, Maximum Fluid Temperature, or Watt Rating (power consumption) may then be used as additional deciding factors.

After the proper valve Catalog Number has been identified, refer to the "Page No." column to find more specifications on any given valve Series (Example: 8210 Series).

After you have made your selection, order by catalog number with its appropriate prefix or suffix, voltage and frequency. If necessary, include fluid handled, and the operating pressure of your application. We strongly recommend ordering strainers for your valves.

Example:

For an 8210G002 valve with an Explosionproof enclosure to control 100 psi air in a hazardous area, order:

Option Prefix and Catalog Number: EF8210G002

Voltage and

Frequency: 120/60

Fluid: Air

Pressure: 100 psi

Note that Type 7 Explosionproof enclosures do not require a different catalog number. Simply add the prefix "EF."



Guaranteed Same Day Shipment Program

Over 2000 of today's most popular products are now available for same day shipment and over 40,000 products can be shipped within five business days. These valves are manufactured in facilities certified to meet ISO international quality standards and are 100% tested.

World Class Support

ASCO's sales and service organization is staffed by factory-trained sales engineers. They are highly qualified to verify that your selection is best for your application or to help with your selection. They can also help customize an ASCO valve to meet unique application requirements or help you contact your local Authorized Valve Distributor.

For additional technical assistance, contact technical support by calling (973) 966-2082 or email Techsales@asco.com. The Technical Support Group is available to assist in all aspects of your application or product related matters.

Visit us online at www.ascovalve.com to see our comprehensive product portfolio, online product configurators, and our complete listing of ASCO Today and 5Day products.

ASCO Today is registered in the United States.

Condensed Listing

General Service Valves



2-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)							Max. Fluid Temp. °F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
			Min	Maximum AC			Maximum DC			AC	DC			AC	DC
				Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU						
NORMALLY CLOSED (Closed when de-energized)															
1/8	3/64	0.05	0	500	500	400	360	360	330	180	180	U8256A001V	BRASS	6.3/F	6.9/F
1/8	3/64	0.05	0	500	500	400	360	360	330	180	180	U8256A013V	SS	6.3/F	6.9/F
1/8	3/64	0.06	0	750	750	530	650	640	550	180	120	8262G001*	BRASS	6.1/F	10.6/F
1/8	3/64	0.06	0	750	750	530	650	640	550	180	120	8262G012	SS	6.1/F	10.6/F
1/8	1/16	0.08	0	400	390	230	220	220	220	180	180	U8256A002V*	BRASS	6.3/F	6.9/F
1/8	1/16	0.08	0	400	390	230	220	220	220	180	180	U8256A014V	SS	6.3/F	6.9/F
1/8	3/32	0.15	0	180	180	105	90	90	90	180	180	U8256A004V	BRASS	6.3/F	6.9/F
1/8	3/32	0.15	0	180	180	105	90	90	90	180	180	U8256A016V	SS	6.3/F	6.9/F
1/8	3/32	0.2	0	275	290	130	150	140	145	180	120	8262G014*	BRASS	6.1/F	10.6/F
1/8	3/32	0.2	0	275	290	130	150	140	145	180	120	8262G015	SS	6.1/F	10.6/F
1/8	7/64	0.19	0	135	126	80	63	63	63	180	180	U8256B045V*	BRASS	6.3/F	6.9/F
1/8	7/64	0.19	0	135	126	80	63	63	63	180	180	U8256B046V*	SS	6.3/F	6.9/F
1/8	1/8	0.34	0	155	180	140	80	80	80	180	120	8262G002*	BRASS	6.1/F	10.6/F
1/8	1/8	0.34	0	155	180	140	80	80	80	180	120	8262G006*	SS	6.1/F	10.6/F
1/8	5/16	1	0	15	-	-	-	-	-	125	-	8040H006*	ALUM	6.1/F	-
1/4	3/64	0.06	0	750	750	500	500	500	500	180	120	8262G019*	BRASS	6.1/F	10.6/F
1/4	3/64	0.06	0	750	750	500	500	500	500	180	120	8262G080*	SS	6.1/F	10.6/F
1/4	3/64	0.06	0	1500	1500	1100	475	475	450	140	140	8262G200*	BRASS	10.1/F	11.6/F
1/4	3/64	0.06	0	2200	2000	1100	-	-	-	140	140	8262G214*	SS	10.1/F	-
1/4	3/32	0.17	0	360	340	160	150	125	125	180	120	8262G020*	BRASS	6.1/F	10.6/F
1/4	3/32	0.17	0	360	340	160	150	125	125	180	120	8262G086*	SS	6.1/F	10.6/F
1/4	1/8	0.35	0	140	165	90	65	60	60	180	120	8262G022*	BRASS	6.1/F	10.6/F
1/4	1/8	0.35	0	140	165	90	65	60	60	180	120	8262G007*	SS	6.1/F	10.6/F
1/4	1/8	0.35	0	300	300	200	75	70	70	180	150	8262G232*	BRASS	10.1/F	11.6/F
1/4	9/64	0.35	0	120	120	-	50	50	-	130	120	8260G071*	PLAST	6.1/F	10.6/F
1/4	9/64	0.35	0	120	120	-	50	50	-	130	120	8260G054*	PLAST	6.1/F	10.6/F
1/4	9/64	0.35	0	120	120	-	50	50	-	130	120	8260G042	PLAST	6.1/F	10.6/F
1/4	5/32	0.5	0	180	200	145	40	40	45	180	150	8262G202*	BRASS	10.1/F	11.6/F
1/4	5/32	0.5	0	180	200	145	40	40	45	180	150	8262G220*	SS	10.1/F	11.6/F
1/4	7/32	0.72	0	90	100	100	25	25	25	180	150	8262G208*	BRASS	10.1/F	11.6/F
1/4	7/32	0.72	0	90	100	100	25	25	25	180	150	8262G226*	SS	10.1/F	11.6/F
1/4	7/32	0.85	0	40	50	40	17	20	21	180	120	8262G013*	BRASS	6.1/F	10.6/F
1/4	7/32	0.85	0	40	50	40	17	20	21	180	120	8262G036*	SS	6.1/F	10.6/F
1/4	9/32	0.88	0	60	75	60	18	15	18	180	150	8262G210*	BRASS	10.1/F	11.6/F
1/4	9/32	0.88	0	90	100	90	25	20	22	180	150	8262G212*	BRASS	17.1/F	22.6/F
1/4	9/32	0.88	0	90	100	90	25	20	22	180	150	8262G230*	SS	17.1/F	22.6/F
1/4	9/32	0.96	0	27	36	28	15	16	16	180	120	8262G090*	BRASS	6.1/F	10.6/F
1/4	9/32	0.96	0	27	36	28	15	16	16	180	120	8262G038*	SS	6.1/F	10.6/F
1/4	5/16	1.5	10	750	750	750	-	-	-	200	-	8223G021*	BRASS	10.1/F	-
1/4	5/16	1.5	10	1500	1500	1500	500	500	500	200	150	8223G025*	BRASS	17.1/F	22.6/F
1/4	5/16	1.1	0	15	-	-	-	-	-	125	-	8040H007*	ALUM	6.1/F	-
3/8	1/8	0.35	0	160	150	90	65	60	60	180	120	8263G002*	BRASS	6.1/F	10.6/F
3/8	1/8	0.35	0	160	150	90	65	60	60	180	120	8263G330*	SS	6.1/F	10.6/F
3/8	5/32	0.52	0	100	100	100	35	35	35	180	150	8263G200*	BRASS	10.1/F	11.6/F
3/8	5/32	0.52	0	100	100	100	35	35	35	180	150	8263G331*	SS	10.1/F	11.6/F
3/8	7/32	0.72	0	100	100	100	25	25	25	180	150	8263G206*	BRASS	17.1/F	11.6/F
3/8	7/32	0.72	0	100	100	100	25	25	25	180	150	8263G332	SS	17.1/F	11.6/F
3/8	9/32	0.85	0	100	100	70	-	-	-	180	-	8263G210*	BRASS	17.1/F	-
3/8	9/32	0.85	0	100	100	70	-	-	-	180	-	8263G333*	SS	17.1/F	-
3/8	5/16	1.5	10	750	750	750	400	400	400	200	150	8223G023*	BRASS	10.1/F	22.6/F
3/8	5/16	1.5	10	1500	1500	1500	500	500	500	200	150	8223G027*	BRASS	17.1/F	22.6/F
3/8	5/16	1.2	0	15	-	-	-	-	-	125	-	8040H008*	ALUM	6.1/F	-
3/8	3/8	1.5	②	150	125	-	40	40	-	180	150	8210G073*	BRASS	6.1/F	11.6/F
3/8	3/8	1.5	②	150	125	-	40	40	-	180	150	8210G036*	SS	6.1/F	11.6/F
3/8	3/8	1.8	0	7	5	-	3	3	-	180	120	8030G010*	BRASS	6.1/F	10.6/F
3/8	3/8	1.8	0	7	5	-	3	3	-	180	120	8030G064	SS	6.1/F	10.6/F
3/8	3/8	1.8	0	15	15	-	3.5	3.5	-	180	150	8030G013*	BRASS	10.1/F	11.6/F
3/8	3/8	1.8	0	15	15	-	3.5	3.5	-	180	150	8030G065*	SS	10.1/F	11.6/F
3/8	9/16	3	5	-	150	-	-	125	-	180	150	8221G001*	BRASS	6.1/F	11.6/F
3/8	5/8	3	0	150	150	-	40	40	-	180	150	8210G093*	BRASS	10.1/F	11.6/F
3/8	5/8	3	5	200	150	135	125	100	100	180	150	8210G001*	BRASS	6.1/F	11.6/F
3/8	5/8	3	5	300	300	300	-	-	-	175	-	8210G006*	BRASS	17.1/F	-
3/8	3/4	3.4	0	50	-	-	25	-	-	125	104	8215G010*	ALUM	10.1/F	11.6/F
① See specific valve series for detailed specifications. ② 5 psi on air, 1 psi on water. * Quality for ASCO TODAY and/or 5DAY Program based on voltage required.															

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Condensed Listing

General Service Valves

2-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)							Max. Fluid Temp. °F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
			Min	Maximum AC			Maximum DC							AC	DC
				Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU						
3/8	3/4	3.5	5	125	-	-	125	-	-	125	104	8215G001*	ALUM	6.1/F	11.6/F
1/2	3/8	3.2	25	1500	1500	1500	500	500	500	200	150	8223G003*	BRASS	17.1/F	22.6/F
1/2	3/8	3.2	25	1500	1500	1500	500	500	500	200	150	8223G010*	SS	17.1/F	22.6/F
1/2	7/16	2.2	②	150	125	-	40	40	-	180	150	8210G015*	BRASS	6.1/F	11.6/F
1/2	7/16	2.2	②	150	125	-	40	40	-	180	150	8210G037*	SS	6.1/F	11.6/F
1/2	7/16	2.8	0	4	6	-	-	-	-	180	-	8030G016*	BRASS	6.1/F	-
1/2	7/16	2.8	0	4	6	-	-	-	-	180	-	8030G066*	SS	6.1/F	-
1/2	7/16	2.8	0	15	15	-	-	-	-	200	-	8030G017*	BRASS	16.1/F	-
1/2	7/16	2.8	0	15	15	-	-	-	-	200	-	8030G067	SS	16.1/F	-
1/2	9/16	3.5	5	-	150	-	-	125	-	180	150	8221G003*	BRASS	6.1/F	11.6/F
1/2	5/8	4	0	150	150	-	40	40	-	180	150	8210G094*	BRASS	10.1/F	11.6/F
1/2	5/8	4	0	150	150	125	40	40	-	175	150	8210G087*	SS	17.1/F	11.6/F
1/2	5/8	4	5	200	150	135	125	100	100	180	150	8210G002*	BRASS	6.1/F	11.6/F
1/2	5/8	4	5	300	300	300	-	-	-	175	-	8210G007*	BRASS	17.1/F	-
1/2	3/4	4	5	-	300	-	-	300	-	180	125	8210G227*	BRASS	17.1/F	40.6/H
1/2	3/4	4.4	0	50	-	-	25	-	-	125	104	8215G020*	ALUM	10.1/F	11.6/F
1/2	3/4	4.8	5	125	-	-	125	-	-	125	104	8215G002*	ALUM	6.1/F	11.6/F
1/2	3/4	5.4	0	2	-	-	-	-	-	125	-	8040G022*	ALUM	10.1/F	-
3/4	5/8	4.5	0	150	150	125	40	40	-	175	150	8210G088*	SS	17.1/F	11.6/F
3/4	5/8	5.4	0	2.5	2.5	-	-	-	-	180	-	8030G063	SS	10/F	-
3/4	3/4	5	0	2	2	-	1	1	-	180	150	8030G003*	BRASS	10.1/F	11.6/F
3/4	3/4	5	0	4	4	-	-	-	-	180	-	8030G043*	BRASS	17.1/F	-
3/4	3/4	5	0	150	150	-	40	40	-	180	150	8210G095*	BRASS	10.1/F	11.6/F
3/4	3/4	5	5	125	125	125	100	90	75	180	150	8210G009*	BRASS	6.1/F	11.6/F
3/4	3/4	5.1	0	50	-	-	25	-	-	125	104	8215G030*	ALUM	10.1/F	11.6/F
3/4	3/4	5.1	5	125	-	-	125	-	-	125	104	8215G003*	ALUM	6.1/F	11.6/F
3/4	3/4	5.5	5	-	150	-	-	125	-	180	150	8221G005*	BRASS	6.1/F	11.6/F
3/4	3/4	6	0	-	-	-	200	180	180	-	77	8210B026*	BRASS	-	30.6/H
3/4	3/4	6	0	350	300	200	-	-	-	200	77	8210G026*	BRASS	16.1/F	-
3/4	3/4	6.5	5	250	150	100	125	125	125	180	150	8210G003*	BRASS	6.1/F	11.6/F
3/4	3/4	7.8	25	750	750	750	450	450	450	200	150	8223G005*	BRASS	17.1/F	22.6/F
3/4	3/4	7.8	25	750	750	750	450	450	450	200	150	8223G012	SS	17.1/F	22.6/F
3/4	3/4	9.5	0	2	-	-	-	-	-	125	-	8040G023*	ALUM	10.1/F	-
1	1	11.5	5	-	150	-	-	125	-	180	150	8221G007*	BRASS	6.1/F	11.6/F
1	1	13	0	-	-	-	100	100	80	-	77	8210B054*	BRASS	-	30.6/H
1	1	13	0	-	-	-	100	100	80	-	77	8210D089*	SS	-	30.6/H
1	1	13	0	150	125	125	-	-	-	180	-	8210G054*	BRASS	16.1/F	-
1	1	13	0	150	125	125	-	-	-	180	-	8210G089*	SS	16.1/F	-
1	1	13	5	150	150	100	125	125	125	180	150	8210G004*	BRASS	6.1/F	11.6/F
1	1	13.5	0	300	225	115	-	-	-	200	-	8210G027*	BRASS	20.1/F	-
1	1	13.5	10	300	300	300	-	-	-	175	-	8210G078*	BRASS	17.1/F	-
1	1 5/8	21	0	25	-	-	25	-	-	125	77	8215B050*	ALUM	15.4/F	14.9/B
1 1/4	1 1/8	13	5	-	150	-	-	125	-	180	150	8221G009*	BRASS	6.1/F	11.6/F
1 1/4	1 1/8	15	0	-	-	-	100	100	80	-	77	8210B055*	BRASS	-	30.6/F
1 1/4	1 1/8	15	0	150	125	125	-	-	-	180	77	8210G055*	BRASS	16.1/F	-
1 1/4	1 1/8	15	5	150	150	100	125	125	125	180	150	8210G008*	BRASS	6.1/F	11.6/F
1 1/4	1 5/8	32	0	25	-	-	25	-	-	125	77	8215B060*	ALUM	15.4/F	14.9/B
1 1/2	1 1/4	22.5	0	-	-	-	100	100	80	-	77	8210B056*	BRASS	-	30.6/F
1 1/2	1 1/4	22.5	0	150	125	125	-	-	-	180	-	8210G056*	BRASS	16.1/F	-
1 1/2	1 1/4	22.5	5	150	150	100	125	125	125	180	150	8210G022*	BRASS	6.1/F	11.6/F
1 1/2	1 1/4	24	5	-	150	-	-	125	-	180	150	8221G011*	BRASS	6.1/F	11.6/F
1 1/2	1 5/8	35	0	25	-	-	25	-	-	125	77	8215B070	ALUM	15.4/F	14.9/B
2	1 3/4	36	5	-	150	-	-	125	-	180	150	8221G013*	BRASS	6.1/F	22.6/F
2	1 3/4	43	5	150	125	90	50	50	50	180	150	8210G100*	BRASS	6.1/F	11.6/F
2	2 3/32	60	0	25	-	-	15	-	-	125	77	8215B080*	ALUM	15.4/F	14.9/B
2 1/2	1 3/4	38	5	-	150	-	-	125	-	180	150	8221G015*	BRASS	6.1/F	22.6/F
2 1/2	1 3/4	45	5	150	125	90	50	50	50	180	150	8210G101*	BRASS	6.1/F	11.6/F
2 1/2	3	117	0	5	-	-	-	-	-	125	-	8215A090*	ALUM	28.2/F	-
3	3	138	0	5	-	-	-	-	-	125	-	8215A040*	ALUM	28.2/F	-
NORMALLY OPEN (Open when de-energized)															
1/8	1/16	.09	0	500	300	225	400	250	150	180	120	8262G091*	BRASS	6.1/F	10.6/F
1/8	1/16	.09	0	500	300	225	400	250	150	180	120	8262G092	SS	6.1/F	10.6/F
1/8	3/32	.15	0	275	200	150	190	110	110	180	120	8262G093	BRASS	6.1/F	10.6/F
1/8	3/32	.15	0	275	200	150	190	110	110	180	120	8262G094	SS	6.1/F	10.6/F
1/8	1/8	.21	0	125	100	85	80	60	50	180	120	8262G031*	BRASS	6.1/F	10.6/F

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Condensed Listing

General Service Valves



2-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)							Max. Fluid Temp. °F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
			Min	Maximum AC			Maximum DC							AC	DC
				Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU						
1/8	1/8	0.21	0	125	100	85	80	60	50	180	120	8262G035*	SS	6.1/F	10.6/F
1/4	3/64	0.06	0	750	700	700	500	500	500	140	140	8262G260*	BRASS	10.1/F	11.6/F
1/4	3/64	0.06	0	750	700	700	500	500	500	140	140	8262G130*	SS	10.1/F	11.6/F
1/4	3/32	0.17	0	300	250	230	200	150	125	140	140	8262G261*	BRASS	10.1/F	11.6/F
1/4	3/32	0.17	0	300	250	230	200	150	125	140	140	8262G134*	SS	10.1/F	11.6/F
1/4	1/8	0.35	0	130	110	100	80	60	60	180	150	8262G262*	BRASS	10.1/F	11.6/F
1/4	1/8	0.35	0	130	110	100	80	60	60	180	150	8262G138*	SS	10.1/F	11.6/F
1/4	5/32	0.49	0	85	75	60	45	30	30	180	150	8262G263*	BRASS	10.1/F	11.6/F
1/4	5/32	0.49	0	85	75	60	45	30	30	180	150	8262G142	SS	10.1/F	11.6/F
1/4	7/32	0.83	0	45	45	40	25	20	20	180	150	8262G264*	BRASS	10.1/F	11.6/F
1/4	7/32	0.83	0	45	45	40	25	20	20	180	150	8262G148*	SS	10.1/F	11.6/F
1/4	9/32	0.96	0	30	25	20	15	15	15	180	150	8262G265*	BRASS	10.1/F	11.6/F
1/4	9/32	0.96	0	30	25	20	15	15	15	180	150	8262G152*	SS	10.1/F	11.6/F
3/8	3/8	1.6	0	15	15	-	-	-	-	200	-	8030G070	BRASS	16.1/F	-
3/8	9/16	3	5	-	-	-	-	125	-	-	150	8221 021	BRASS	-	16.8/F
3/8	9/16	3	5	-	150	-	-	-	-	180	-	8221G021	BRASS	16.1/F	-
3/8	5/8	3	0	150	150	125	125	125	80	180	150	8210G033*	BRASS	10.1/F	11.6/F
3/8	5/8	3	5	250	200	200	250	200	200	180	180	8210G011*	BRASS	10.1/F	11.6/F
3/8	3/4	3.2	0	125	-	-	125	-	-	125	104	8215G013	ALUM	10.1/F	11.6/F
1/2	7/16	2.2	0	15	15	-	-	-	-	200	-	8030G071*	BRASS	20.1/F	-
1/2	9/16	3.5	5	-	-	-	-	125	-	-	150	8221 023	BRASS	-	16.8/F
1/2	9/16	3.5	5	-	150	-	-	-	-	180	-	8221G023	BRASS	16.1/F	-
1/2	5/8	3	0	150	150	100	125	125	80	180	150	8210G030*	SS	10.1/F	11.6/F
1/2	5/8	4	0	150	150	125	125	125	80	180	150	8210G034*	BRASS	10.1/F	11.6/F
1/2	5/8	4	5	250	200	200	250	200	200	180	180	8210G012*	BRASS	10.1/F	11.6/F
1/2	3/4	4	0	125	-	-	125	-	-	125	104	8215G023*	ALUM	10.1/F	11.6/F
1/2	3/4	5	0	2	2	-	-	-	-	180	-	8030G082	BRASS	10.1/F	-
3/4	5/8	3	0	150	150	100	125	125	80	180	150	8210G038*	SS	10.1/F	11.6/F
3/4	3/4	4.6	0	125	-	-	125	-	-	125	104	8215G033*	ALUM	10.1/F	11.6/F
3/4	3/4	5.5	5	-	-	-	-	125	-	-	150	8221 025	BRASS	-	16.8/F
3/4	3/4	5.5	5	-	150	-	-	-	-	180	-	8221G025	BRASS	16.1/F	-
3/4	3/4	5.5	0	2	2	-	-	-	-	180	-	8030G083*	BRASS	10.1/F	-
3/4	3/4	5.5	0	150	150	125	125	125	80	180	150	8210G035*	BRASS	10.1/F	11.6/F
3/4	3/4	6.5	5	-	-	-	250	200	200	-	180	8210C013	BRASS	-	16.8/F
3/4	3/4	6.5	5	250	200	200	-	-	-	180	-	8210G013*	BRASS	16.1/F	-
1	1	11.5	5	-	-	-	-	125	-	-	150	8221 027	BRASS	-	16.8/F
1	1	11.5	5	-	150	-	-	-	-	180	-	8221G027*	BRASS	16.1/F	-
1	1	13	0	125	125	125	-	-	-	180	-	8210B057*	BRASS	20/F	-
1	1	13	5	-	-	-	125	125	125	-	180	8210D014*	BRASS	-	16.8/F
1	1	13	5	150	150	125	-	-	-	180	-	8210G014*	BRASS	16.1/F	-
1	1 5/8	22	0	25	-	-	15	-	-	125	77	8215C053*	ALUM	15.4/F	14.9/B
1 1/4	1 1/8	13	5	-	-	-	-	125	-	-	150	8221 029	BRASS	-	16.8/F
1 1/4	1 1/8	13	5	-	150	-	-	-	-	180	-	8221G029	BRASS	16.1/F	-
1 1/4	1 1/8	15	0	125	125	125	-	-	-	180	-	8210B058	BRASS	20/F	-
1 1/4	1 1/8	15	5	-	-	-	125	125	125	-	180	8210D018	BRASS	-	16.8/F
1 1/4	1 1/8	15	5	150	150	125	-	-	-	180	-	8210G018*	BRASS	16.1/F	-
1 1/4	1 5/8	33	0	25	-	-	15	-	-	125	77	8215C063*	ALUM	15.4/F	14.9/B
1 1/2	1 1/4	22.5	0	125	125	125	-	-	-	180	-	8210B059*	BRASS	20/F	-
1 1/2	1 1/4	22.5	5	-	-	-	125	125	125	-	180	8210D032*	BRASS	-	16.8/F
1 1/2	1 1/4	22.5	5	150	150	125	-	-	-	180	-	8210G032*	BRASS	16.1/F	-
1 1/2	1 1/4	24	5	-	-	-	-	125	-	-	150	8221 031	BRASS	-	16.8/F
1 1/2	1 1/4	24	5	-	150	-	-	-	-	180	-	8221G031*	BRASS	16.1/F	-
1 1/2	1 5/8	37	0	25	-	-	15	-	-	125	77	8215C073*	ALUM	15.4/F	14.9/B
2	1 3/4	36	5	-	-	-	-	125	-	-	150	8221 033	BRASS	-	16.8/F
2	1 3/4	36	5	-	150	-	-	-	-	180	-	8221G033	BRASS	16.1/F	-
2	1 3/4	43	5	-	-	-	125	125	125	-	150	8210 103*	BRASS	-	16.8/F
2	1 3/4	43	5	125	125	125	-	-	-	180	-	8210G103*	BRASS	16.1/F	-
2	2 3/32	58	0	25	-	-	15	-	-	125	77	8215C083*	ALUM	15.4/F	14.9/B
2 1/2	1 3/4	38	5	-	-	-	-	125	-	-	150	8221 035	BRASS	-	16.8/F
2 1/2	1 3/4	38	5	-	150	-	-	-	-	180	-	8221G035	BRASS	16.1/F	-
2 1/2	1 3/4	45	5	-	-	-	125	125	125	-	150	8210 104	BRASS	-	16.8/F
2 1/2	1 3/4	45	5	125	125	125	-	-	-	180	-	8210G104*	BRASS	16.1/F	-
2 1/2	3	117	0	5	-	-	-	-	-	125	-	8215B093	ALUM	28.2/F	-
① See specific valve series for detailed specifications. * Quality for ASCO TODAY and/or 5DAY Program based on voltage required.															

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3-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)		Cv Flow Factor		Operating Pressure Differential (psi)							Max. Fluid Temp.*F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
	Press.	Exh.	Press.	Exh.	Min	Maximum AC			Maximum DC			AC	DC			AC	DC
						Air- Inert Gas	Water	Light Oil @ 300 SSU	Air- Inert Gas	Water	Light Oil @ 300 SSU						
NORMALLY CLOSED (Closed when de-energized)																	
1/8	3/64	-	0.04	-	0	230	230	230	120	140	135	200	104	8314G031	BRASS	10.1/F	11.6/F
1/8	3/64	-	0.06	-	0	200	200	200	200	200	200	180	120	8320G132*	BRASS	6.1/F	10.6/F
1/8	3/64	-	0.06	-	0	200	200	200	200	200	200	180	120	8320G142	SS	6.1/F	10.6/F
1/8	3/64	-	0.06	0.06	0	230	235	245	230	235	245	180	180	U8356A001V	BRASS	6.3/F	6.9/F
1/8	3/64	-	0.06	0.06	0	230	235	245	230	235	245	180	180	U8356A013V	SS	6.3/F	6.9/F
1/8	1/16	-	0.09	0.06	0	140	140	150	140	140	150	180	180	U8356A002V	BRASS	6.3/F	6.9/F
1/8	1/16	-	0.09	0.06	0	140	140	150	140	140	150	180	180	U8356A014V	SS	6.3/F	6.9/F
1/8	1/16	-	0.09	-	0	150	125	125	125	125	125	180	120	8320G013*	BRASS	6.1/F	10.6/F
1/8	1/16	-	0.09	-	0	150	125	125	125	125	125	180	120	8320G045	SS	6.1/F	10.6/F
1/8	3/32	-	0.13	0.06	0	75	72	77	75	72	77	180	180	U8356A004V	BRASS	6.3/F	6.9/F
1/8	3/32	-	0.13	0.06	0	75	72	77	75	72	77	180	180	U8356A016V	SS	6.3/F	6.9/F
1/8	3/32	-	0.12	-	0	100	100	100	100	100	100	180	120	8320G015*	BRASS	6.1/F	10.6/F
1/8	3/32	-	0.12	-	0	100	100	100	100	100	100	180	120	8320G047	SS	6.1/F	10.6/F
1/8	7/64	-	0.15	0.06	0	70	61	72	70	61	72	180	180	U8356B045V*	BRASS	6.3/F	6.9/F
1/8	7/64	-	0.15	0.06	0	70	61	72	70	61	72	180	180	U8356B046V	SS	6.3/F	6.9/F
1/8	1/8	-	0.13	-	0	-	-	-	250	250	250	-	180	8300D055F	BRASS	-	36.2/H
1/8	1/8	-	0.13	-	0	550	550	550	-	-	-	200	-	8300G055F	BRASS	20.1/F	-
1/8	1/8	-	0.21	-	0	40	40	40	40	40	40	180	120	8320G017*	BRASS	6.1/F	10.6/F
1/8	1/8	-	0.21	-	0	40	40	40	40	40	40	180	120	8320G049	SS	6.1/F	10.6/F
1/8	3/16	-	0.35	-	0	-	-	-	125	125	125	-	180	8300D003F	BRASS	-	36.2/H
1/8	3/16	-	0.35	-	0	250	250	250	-	-	-	200	-	8300G003F	BRASS	20.1/F	-
1/4	3/64	-	0.04	-	0	230	-	-	120	-	-	200	104	8314G022*	BRASS	10.1/F	11.6/F
1/4	3/64	-	0.04	-	0	230	230	230	120	140	135	200	104	8314G034*	BRASS	10.1/F	11.6/F
1/4	1/16	-	0.09	-	0	210	225	225	160	160	160	200	150	8320G182*	BRASS	17.1/F	11.6/F
1/4	1/16	-	0.07	-	0	125	125	-	125	125	-	130	120	8360G075*	PLAST	6.1/F	10.6/F
1/4	3/32	1/4	0.2	0.73	5	150	-	-	-	-	-	180	-	8317G023*	BRASS	10.1/F	-
1/4	3/32	1/4	0.2	0.73	5	150	-	-	-	-	-	180	-	8317G024*	SS	10.1/F	-
1/4	3/32	1/4	0.2	0.73	5	150	150	95	75	55	30	180	104	8317G035*	BRASS	10.1/F	11.6/F
1/4	3/32	1/4	0.2	0.73	5	150	150	95	75	55	30	180	104	8317G036*	SS	10.1/F	11.6/F
1/4	3/32	-	0.15	-	0	150	-	-	60	-	-	200	104	8314G023*	BRASS	10.1/F	11.6/F
1/4	3/32	-	0.15	-	0	150	100	100	60	70	30	200	104	8314G035*	BRASS	10.1/F	11.6/F
1/4	3/32	-	0.15	-	0	150	100	100	60	70	30	200	104	8314G121*	SS	10.1/F	11.6/F
1/4	3/32	-	0.12	-	0	150	150	150	115	115	115	200	150	8320G184*	BRASS	10.1/F	11.6/F
1/4	3/32	-	0.12	-	0	150	150	150	115	115	115	200	150	8320G202*	SS	10.1/F	11.6/F
1/4	3/32	-	0.11	-	0	100	100	-	100	100	-	130	120	8360G077*	PLAST	6.1/F	10.6/F
1/4	1/8	-	0.25	-	0	75	60	60	30	40	25	200	104	8314G036*	BRASS	10.1/F	11.6/F
1/4	1/8	-	0.25	-	0	85	85	85	60	60	60	200	150	8320G186*	BRASS	10.1/F	11.6/F
1/4	1/8	-	0.25	-	0	85	85	85	60	60	60	200	150	8320G203*	SS	10.1/F	11.6/F
1/4	1/8	-	0.16	-	0	40	40	-	40	40	-	130	120	8360G078*	PLAST	6.1/F	10.6/F
1/4	11/64	-	0.35	-	0	45	45	45	25	25	25	200	150	8320G188*	BRASS	10.1/F	11.6/F
1/4	3/16	-	0.35	-	0	-	-	-	125	125	125	-	180	8300D058F	BRASS	-	36.2/H
1/4	3/16	-	0.25	-	0	-	-	-	125	125	125	-	180	8300D058RF*	BRASS	-	36.2/H
1/4	3/16	-	0.35	-	0	250	250	250	-	-	-	200	-	8300G058F	BRASS	20.1/F	-
1/4	3/16	-	0.25	-	0	250	250	250	-	-	-	180	-	8300G058RF	BRASS	20.1/F	-
1/4	1/4	-	0.45	-	0	250	250	250	-	-	-	200	-	8300D061F*	BRASS	28/H	-
1/4	1/4	-	0.39	-	0	-	-	-	75	75	75	-	180	8300A081RF	BRASS	-	36.2/H
1/4	1/4	-	0.45	-	0	-	-	-	75	75	75	-	180	8300A081F	BRASS	-	36.2/H
1/4	1/4	-	0.45	-	0	190	190	190	-	-	-	200	-	8300G081F*	BRASS	20.1/F	-
1/4	1/4	-	0.39	-	0	150	150	150	-	-	-	180	-	8300G081RF*	BRASS	20.1/F	-

See specific valve series for detailed specifications. * Quality for ASCO TODAY and/or 5DAY Program based on voltage required.

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Condensed Listing

General Service Valves



3-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)		Cv Flow Factor		Operating Pressure Differential (psi)						Max. Fluid Temp. °F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation		
	Press.	Exh.	Press.	Exh.	Min	Maximum AC			Maximum DC			AC			DC	AC	DC
						Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU						
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	8551G405	ALUM	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	8551G406	ALUM	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	150	-	-	140	140	SC8551A005MS	ALUM	2.5	3
1/4	1/4	1/4	.86	-	30	150	-	-	150	-	-	140	140	SC8551A006MS	ALUM	2.5	3
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	EF8551G407	Brass	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	EF8551G408	Brass	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	EV8551G413	SS	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	EV8551G414	SS	10.1	11.6
1/4	9/32	11/32	0.8	1.2	10	200	200	200	200	200	200	180	120	8321G001*	BRASS	6.1/F	10.6/F
1/4	5/16	-	1.5	-	0	150	-	-	120	-	-	180	120	8316G001	BRASS	10.1	11.6
1/4	5/16	-	1.5	-	0	150	-	-	120	-	-	180	120	EV8316G081V	SS	10.1	11.6
3/8	1/4	-	0.45	-	0	250	250	250	-	-	-	200	-	8300D009F*	BRASS	28/H	-
3/8	1/4	-	0.45	-	0	-	-	-	75	75	75	-	180	8300A082F	BRASS	-	36.2/H
3/8	1/4	-	0.39	-	0	-	-	-	75	75	75	-	180	8300A082RF	BRASS	-	36.2/H
3/8	1/4	-	0.45	-	0	190	190	190	-	-	-	200	-	8300G082F	BRASS	20.1/F	-
3/8	1/4	-	0.39	-	0	150	150	150	-	-	-	180	-	8300G082RF	BRASS	20.1/F	-
3/8	1/4	-	0.45	-	0	-	-	-	50	50	50	-	180	8300B410F	SS	-	36.2/H
3/8	1/4	-	0.45	-	0	150	150	150	-	-	-	200	-	8300G410F	SS	20.1/F	-
3/8	1/4	-	0.45	-	0	175	175	175	-	-	-	200	-	8300B411F	SS	28/H	-
3/8	9/32	11/32	0.8	1.2	10	200	200	200	200	200	200	180	120	8321G002*	BRASS	6.1/F	10.6/F
3/8	5/16	-	0.75	-	0	-	-	-	40	40	40	-	180	8300D064F	BRASS	-	36.2/H
3/8	5/16	-	0.53	-	0	-	-	-	40	40	40	-	180	8300D064RF	BRASS	-	36.2/H
3/8	5/16	-	0.75	-	0	120	120	120	-	-	-	200	-	8300G064F	BRASS	20.1/F	-
3/8	5/16	-	0.53	-	0	120	120	120	-	-	-	180	-	8300G064RF	BRASS	20.1/F	-
3/8	5/16	-	0.75	-	0	-	-	-	40	40	40	-	180	8300B412F	SS	-	36.2/H
3/8	5/16	-	0.75	-	0	120	120	120	-	-	-	200	-	8300G412F	SS	20.1/F	-
3/8	5/16	-	1.8	-	0	150	-	-	120	-	-	180	120	8316G002	BRASS	10.1	11.6
3/8	5/16	-	1.8	-	0	150	-	-	120	-	-	180	120	EV8316G082V	SS	10.1	11.6
3/8	3/8	-	1	-	0	-	-	-	30	30	30	-	180	8300D072F	BRASS	-	36.2/H
3/8	3/8	-	1	-	0	75	75	75	-	-	-	200	-	8300G072F	BRASS	20.1/F	-
3/8	3/8	-	1	-	0	-	-	-	30	30	30	-	180	8300B413F	SS	-	36.2/H
3/8	3/8	-	1	-	0	75	75	75	-	-	-	200	-	8300G413F	SS	20.1/F	-
3/8	5/8	-	4	-	-	150	-	-	120	-	-	180	120	8316G003	BRASS	10.1	11.6
3/8	5/8	-	2.5	-	10	250	250	-	250	250	-	180	120	8316G014*	BRASS	17.1/F	22.6/F
3/8	5/8	-	3	-	10	150	125	-	125	125	-	180	120	8316G054*	BRASS	6.1/F	10.6/F
1/2	5/16	-	0.75	-	0	-	-	-	40	40	40	-	180	8300D068F	BRASS	-	36.2/H
1/2	5/16	-	0.53	-	0	-	-	-	40	40	40	-	180	8300D068RF	BRASS	-	36.2/H
1/2	5/16	-	0.75	-	0	120	120	120	-	-	-	200	-	8300G068F*	BRASS	20.1/F	-
1/2	5/16	-	0.53	-	0	120	120	120	-	-	-	180	-	8300G068RF	BRASS	20.1/F	-
1/2	5/16	-	0.75	-	0	-	-	-	40	40	40	-	180	8300B403F	SS	-	36.2/H
1/2	5/16	-	0.75	-	0	120	120	120	-	-	-	200	-	8300G403F	SS	20.1/F	-
1/2	3/8	-	1	-	0	-	-	-	30	30	30	-	180	8300D076F	BRASS	-	36.2/H
1/2	3/8	-	1	-	0	75	75	75	-	-	-	200	-	8300G076F	BRASS	20.1/F	-
1/2	3/8	-	1	-	0	-	-	-	30	30	30	-	180	8300B404F	SS	-	36.2/H
1/2	3/8	-	1	-	0	75	75	75	-	-	-	200	-	8300G404F	SS	20.1/F	-
1/2	1/2	1/2	3.7	-	30	150	-	-	120	-	-	140	120	8553G405	ALUM	10.1	11.6
1/2	1/2	1/2	3.7	-	30	150	-	-	120	-	-	140	120	8553G406	ALUM	10.1	11.6
1/2	1/2	1/2	3.7	-	30	150	-	-	150	-	-	140	140	SC8553A005MS	ALUM	5	6.9
1/2	1/2	1/2	3.7	-	30	150	-	-	150	-	-	140	140	SC8553A006MS	ALUM	5	6.9
1/2	5/8	-	4	-	0	150	-	-	120	-	-	180	120	8316G004	BRASS	10.1	11.6
1/2	5/8	-	3.2	-	10	250	250	-	250	250	-	180	120	8316G024*	BRASS	17.1/F	22.6/F
1/2	5/8	-	3.2	-	10	150	125	-	125	125	-	180	120	8316G064*	BRASS	6.1/F	10.6/F
1/2	5/8	-	4	-	0	150	-	-	120	-	-	180	120	EV8316G084V	SS	10.1	11.6
3/4	11/16	-	4.8	-	10	150	125	-	125	125	-	180	120	8316G074*	BRASS	6.1/F	10.6/F
3/4	11/16	-	4.8	-	10	250	250	-	250	250	-	180	120	8316G044*	BRASS	17.1/F	22.6/F
1	1	-	12.5	-	10	150	125	-	125	125	-	180	120	8316G034*	BRASS	6.1/F	10.6/F
① See specific valve series for detailed specifications. * Quality for ASCO TODAY and/or 5DAY Program based on voltage required																	

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3-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)		Cv Flow Factor		Operating Pressure Differential (psi)							Max. Fluid Temp.*°F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
	Press.	Exh.	Press.	Exh.	Min	Maximum AC			Maximum DC			AC	DC			AC	DC
						Air- Inert Gas	Water	Light Oil @ 300 SSU	Air- Inert Gas	Water	Light Oil @ 300 SSU						
NORMALLY OPEN (Open when de-energized)																	
1/8	3/64	-	.04	-	0	300	300	300	200	200	120	200	104	8314G049	BRASS	10.1/F	11.6/F
1/8	3/64	-	.06	-	0	200	200	200	200	200	200	180	120	8320G136*	BRASS	6.1/F	10.6/F
1/8	3/64	-	.06	-	0	200	200	200	200	200	200	180	120	8320G146	SS	6.1/F	10.6/F
1/8	3/64	-	0.06	0.06	0	175	180	175	150	122	90	180	180	U8356A005V	BRASS	6.3/F	6.9/F
1/8	3/64	-	0.06	0.06	0	175	180	175	150	122	90	180	180	U8356A017V	SS	6.3/F	6.9/F
1/8	1/16	-	.09	-	0	150	125	125	125	125	125	180	120	8320G027*	BRASS	6.1/F	10.6/F
1/8	1/16	-	.09	-	0	150	125	125	125	125	125	180	120	8320G051	SS	6.1/F	10.6/F
1/8	1/16	-	0.09	0.06	0	165	180	175	75	72	70	180	180	U8356A006V	BRASS	6.3/F	6.9/F
1/8	1/16	-	0.09	0.06	0	165	180	175	75	72	70	180	180	U8356A018V	SS	6.3/F	6.9/F
1/8	3/32	-	.12	-	0	100	100	100	100	100	100	180	120	8320G029*	BRASS	6.1/F	10.6/F
1/8	3/32	-	.12	-	0	100	100	100	100	100	100	180	120	8320G053	SS	6.1/F	10.6/F
1/8	3/32	-	0.13	0.06	0	160	175	120	86	66	40	180	180	U8356A008V	BRASS	6.3/F	6.9/F
1/8	3/32	-	0.13	0.06	0	160	175	120	86	66	40	180	180	U8356A020V	SS	6.3/F	6.9/F
1/8	7/64	-	0.15	0.06	0	148	180	99	148	157	72	180	180	U8356B054V	BRASS	6.3/F	6.9/F
1/8	7/64	-	0.15	0.06	0	148	180	99	148	157	72	180	180	U8356B055V	SS	6.3/F	6.9/F
1/8	1/8	-	.13	-	0	-	-	-	250	250	250	-	180	8300D055G	BRASS	-	36.2/H
1/8	1/8	-	.13	-	0	550	550	550	-	-	-	200	-	8300G055G	BRASS	20.1/F	-
1/8	1/8	-	.21	-	0	40	40	40	40	40	40	180	120	8320G031*	BRASS	6.1/F	10.6/F
1/8	1/8	-	.21	-	0	40	40	40	40	40	40	180	120	8320G055*	SS	6.1/F	10.6/F
1/8	3/16	-	.35	-	0	-	-	-	125	125	125	-	180	8300D003G	BRASS	-	36.2/H
1/8	3/16	-	.35	-	0	250	250	250	-	-	-	200	-	8300G003G*	BRASS	20.1/F	-
1/4	1/16	-	.09	-	0	250	250	250	160	160	160	200	150	8320G192*	BRASS	17.1/F	11.6/F
1/4	1/16	-	.07	-	0	125	125	-	125	125	-	130	120	8360G067	PLAST	6.1/F	10.6/F
1/4	3/32	1/4	.15	.73	5	160	160	95	75	45	25	180	104	8317G053	BRASS	10.1/F	11.6/F
1/4	3/32	1/4	.15	.73	5	160	160	95	75	45	25	180	104	8317G054	SS	10.1/F	11.6/F
1/4	3/32	-	.15	-	0	175	175	175	70	90	45	200	104	8314G053*	BRASS	10.1/F	11.6/F
1/4	3/32	-	.15	-	0	175	175	175	70	90	45	200	104	8314G122	SS	10.1/F	11.6/F
1/4	3/32	-	.12	-	0	150	140	140	100	100	100	200	150	8320G194*	BRASS	10.1/F	11.6/F
1/4	3/32	-	.12	-	0	150	140	140	100	100	100	200	150	8320G204	SS	10.1/F	11.6/F
1/4	3/32	-	.11	-	0	100	100	-	100	100	-	130	120	8360G069*	PLAST	6.1/F	10.6/F
1/4	1/8	-	.25	-	0	90	90	90	40	40	25	200	104	8314G054	BRASS	10.1/F	11.6/F
1/4	1/8	-	.25	-	0	70	70	70	55	55	55	200	150	8320G196*	BRASS	10.1/F	11.6/F
1/4	1/8	-	.25	-	0	70	70	70	55	55	55	200	150	8320G205	SS	10.1/F	11.6/F
1/4	1/8	-	.16	-	0	40	40	-	40	40	-	130	120	8360G070	PLAST	6.1/F	10.6/F
1/4	11/64	-	.35	-	0	40	40	40	30	30	30	200	150	8320G198	BRASS	10.1/F	11.6/F
1/4	3/16	-	.35	-	0	-	-	-	125	125	125	-	180	8300D058G	BRASS	-	36.2/H
1/4	3/16	-	.25	-	0	-	-	-	125	125	125	-	180	8300D058RG	BRASS	-	36.2/H
1/4	3/16	-	.35	-	0	250	250	250	-	-	-	200	-	8300G058G	BRASS	20.1/F	-
1/4	3/16	-	.25	-	0	250	250	250	-	-	-	180	-	8300G058RG	BRASS	20.1/F	-
1/4	1/4	-	.45	-	0	250	250	250	-	-	-	200	-	8300D061G	BRASS	28/H	-
1/4	1/4	-	.45	-	0	-	-	-	75	75	75	-	180	8300A081G	BRASS	-	36.2/H
1/4	1/4	-	.39	-	0	-	-	-	75	75	75	-	180	8300A081RG	BRASS	-	36.2/H
1/4	1/4	-	.45	-	0	190	190	190	-	-	-	200	-	8300G081G	BRASS	20.1/F	-
1/4	1/4	-	.39	-	0	150	150	150	-	-	-	180	-	8300G081RG	BRASS	20.1/F	-
1/4	9/32	11/32	.80	1.20	10	200	200	200	200	200	200	180	120	8321G003*	BRASS	6.1/F	10.6/F
3/8	1/4	-	.45	-	0	250	250	250	-	-	-	200	-	8300D009G	BRASS	28/H	-
3/8	1/4	-	.45	-	0	-	-	-	75	75	75	-	180	8300A082G	BRASS	-	36.2/H
3/8	1/4	-	.39	-	0	-	-	-	75	75	75	-	180	8300A082RG	BRASS	-	36.2/H

© See specific valve series for detailed specifications. * Quality for ASCO TODAY and/or 5DAY Program based on voltage required

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Condensed Listing

General Service Valves



3-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)		Cv Flow Factor		Operating Pressure Differential (psi)							Max. Fluid Temp. °F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
	Press.	Exh.	Press.	Exh.	Min	Maximum AC			Maximum DC			AC	DC			AC	DC
						Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU						
3/8	1/4	-	0.45	-	0	190	190	190	-	-	-	200	-	8300G082G	BRASS	20.1/F	-
3/8	1/4	-	0.39	-	0	150	150	150	-	-	-	180	-	8300G082RG	BRASS	20.1/F	-
3/8	1/4	-	0.45	-	0	-	-	-	50	50	50	-	180	8300B410G	SS	-	36.2/H
3/8	1/4	-	0.45	-	0	150	150	150	-	-	-	200	-	8300G410G	SS	20.1/F	-
3/8	1/4	-	0.45	-	0	175	175	175	-	-	-	200	-	8300B411G	SS	28/H	-
3/8	9/32	11/32	0.8	1.2	10	200	200	200	200	200	200	180	120	8321G004*	BRASS	6.1/F	10.6/F
3/8	5/16	-	0.75	-	0	-	-	-	40	40	40	-	180	8300D064G	BRASS	-	36.2/H
3/8	5/16	-	0.53	-	0	-	-	-	40	40	40	-	180	8300D064RG	BRASS	-	36.2/H
3/8	5/16	-	0.75	-	0	120	120	120	-	-	-	200	-	8300G064G	BRASS	20.1/F	-
3/8	5/16	-	0.53	-	0	120	120	120	-	-	-	180	-	8300G064RG	BRASS	20.1/F	-
3/8	5/16	-	0.75	-	0	-	-	-	40	40	40	-	180	8300B412G	SS	-	36.2/H
3/8	5/16	-	0.75	-	0	120	120	120	-	-	-	200	-	8300G412G	SS	20.1/F	-
3/8	3/8	-	1	-	0	-	-	-	30	30	30	-	180	8300D072G	BRASS	-	36.2/H
3/8	3/8	-	1	-	0	75	75	75	-	-	-	200	-	8300G072G	BRASS	20.1/F	-
3/8	3/8	-	1	-	0	-	-	-	30	30	30	-	180	8300B413G	SS	-	36.2/H
3/8	3/8	-	1	-	0	75	75	75	-	-	-	200	-	8300G413G	SS	20.1/F	-
3/8	5/8	-	2.5	-	10	250	250	-	250	250	-	180	120	8316G016*	BRASS	17.1/F	22.6/F
3/8	5/8	-	2.5	-	10	150	125	-	125	125	-	180	120	8316G056*	BRASS	6.1/F	10.6/F
1/2	5/16	-	0.75	-	0	-	-	-	40	40	40	-	180	8300D068G	BRASS	-	36.2/H
1/2	5/16	-	0.53	-	0	-	-	-	40	40	40	-	180	8300D068RG	BRASS	-	36.2/H
1/2	5/16	-	0.75	-	0	120	120	120	-	-	-	200	-	8300G068G	BRASS	20.1/F	-
1/2	5/16	-	0.53	-	0	120	120	120	-	-	-	180	-	8300G068RG	BRASS	20.1/F	-
1/2	5/16	-	0.75	-	0	-	-	-	40	40	40	-	180	8300B403G	SS	-	36.2/H
1/2	5/16	-	0.75	-	0	120	120	120	-	-	-	200	-	8300G403G	SS	20.1/F	-
1/2	3/8	-	1	-	0	-	-	-	30	30	30	-	180	8300D076G	BRASS	-	36.2/H
1/2	3/8	-	1	-	0	75	75	75	-	-	-	200	-	8300G076G	BRASS	20.1/F	-
1/2	3/8	-	1	-	0	-	-	-	30	30	30	-	180	8300B404G	SS	-	36.2/H
1/2	3/8	-	1	-	0	75	75	75	-	-	-	200	-	8300G404G	SS	20.1/F	-
1/2	5/8	-	3.2	-	10	250	250	-	250	250	-	180	120	8316G026*	BRASS	17.1/F	22.6/F
1/2	5/8	-	3.2	-	10	150	125	-	125	125	-	180	120	8316G066*	BRASS	6.1/F	10.6/F
3/4	11/16	-	4.8	-	10	250	250	-	250	250	-	180	120	8316G046*	BRASS	17.1/F	22.6/F
3/4	11/16	-	4.8	-	10	150	125	-	125	125	-	180	120	8316G076*	BRASS	6.1/F	10.6/F
1	1	-	12.5	-	10	150	125	-	125	125	-	180	120	8316G036	BRASS	6.1/F	10.6/F
UNIVERSAL OPERATION																	
1/8	3/64	-	0.04	-	0	160	160	160	70	65	65	200	104	8314G041*	BRASS	10.1/F	11.6/F
1/8	3/64	-	0.06	0.06	0	135	135	135	135	135	100	180	180	U8356A009V	BRASS	6.3/F	6.9/F
1/8	3/64	-	0.06	0.06	0	135	135	135	135	135	100	180	180	U8356A021V	SS	6.3/F	6.9/F
1/8	3/64	-	0.06	-	0	175	175	175	125	125	125	140	120	8320G130*	BRASS	9.1/F	10.6/F
1/8	3/64	-	0.06	-	0	175	175	175	125	125	125	140	120	8320G140*	SS	9.1/F	10.6/F
1/8	1/16	-	0.09	-	0	100	100	100	65	65	65	180	120	8320G001*	BRASS	9.1/F	10.6/F
1/8	1/16	-	0.09	-	0	100	100	100	65	65	65	180	120	8320G041	SS	9.1/F	10.6/F
1/8	1/16	-	0.09	0.06	0	72	72	72	72	72	72	180	180	U8356A010V	BRASS	6.3/F	6.9/F
1/8	1/16	-	0.09	0.06	0	72	72	72	72	72	72	180	180	U8356A022V	SS	6.3/F	6.9/F
1/8	3/32	-	0.12	-	0	50	50	50	50	50	50	180	120	8320G083*	BRASS	6.1/F	10.6/F
1/8	3/32	-	0.12	-	0	50	50	50	50	50	50	180	120	8320G087	SS	6.1/F	10.6/F
1/8	3/32	-	0.13	0.06	0	36	33	40	32	28	40	180	180	U8356A012V	BRASS	6.3/F	6.9/F
1/8	3/32	-	0.13	0.06	0	36	33	40	32	28	40	180	180	U8356A024V	SS	6.3/F	6.9/F
1/8	7/64	-	0.15	0.06	0	45	32	27	25	32	27	180	180	U8356B047V	BRASS	6.3/F	6.9/F
1/8	7/64	-	0.15	0.06	0	45	32	27	25	32	27	180	180	U8356B048V	SS	6.3/F	6.9/F
© See specific valve series for detailed specifications. * Quality for ASCO TODAY and/or 5DAY Program based on voltage required.																	

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3-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)		Cv Flow Factor		Operating Pressure Differential (psi)							Max. Fluid Temp. °F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
	Press.	Exh.	Press.	Exh.	Min	Maximum AC			Maximum DC			AC	DC			AC	DC
						Air- Inert Gas	Water	Light Oil @ 300 SSU	Air- Inert Gas	Water	Light Oil @ 300 SSU						
1/8	1/8	-	0.13	-	0	-	-	-	125	125	125	-	180	8300D055U	BRASS	-	36.2/H
1/8	1/8	-	0.13	-	0	300	300	300	-	-	-	200	-	8300G055U	BRASS	20.1/F	-
1/8	1/8	-	0.21	-	0	30	30	30	20	20	20	180	120	8320G003*	BRASS	9.1/F	10.6/F
1/8	1/8	-	0.21	-	0	30	30	30	20	20	20	180	120	8320G043*	SS	9.1/F	10.6/F
1/8	3/16	-	0.35	-	0	-	-	-	60	60	60	-	180	8300D003U	BRASS	-	36.2/H
1/8	3/16	-	0.35	-	0	150	150	150	-	-	-	200	-	8300G003U	BRASS	20.1/F	-
1/4	3/64	-	0.04	-	0	160	160	160	70	65	65	200	104	8314G006*	BRASS	10.1/F	11.6/F
1/4	1/16	-	0.07	-	0	100	100	-	65	65	-	130	120	8360G071*	PLAST	9.1/F	10.6/F
1/4	1/16	-	0.09	-	0	125	130	130	75	75	75	200	150	8320G172*	BRASS	10.1/F	11.6/F
1/4	3/32	1/4	0.2	0.73	5	80	50	50	40	30	15	180	104	8317G007*	BRASS	10.1/F	11.6/F
1/4	3/32	1/4	0.2	0.73	5	80	50	50	40	30	15	180	104	8317G008*	SS	10.1/F	11.6/F
1/4	3/32	-	0.12	-	0	100	100	100	60	60	60	200	150	8320G174*	BRASS	17.1/F	11.6/F
1/4	3/32	-	0.12	-	0	100	100	100	60	60	60	200	150	8320G200*	SS	17.1/F	11.6/F
1/4	3/32	-	0.11	-	0	50	50	-	50	50	-	130	120	8360G073	PLAST	6.1/F	10.6/F
1/4	3/32	-	0.15	-	0	80	40	40	35	35	15	200	104	8314G007*	BRASS	10.1/F	11.6/F
1/4	3/32	-	0.15	-	0	80	40	40	35	35	15	200	104	8314G120*	SS	10.1/F	11.6/F
1/4	1/8	-	0.16	-	0	30	30	-	20	20	-	130	120	8360G074*	PLAST	9.1/F	10.6/F
1/4	1/8	-	0.25	-	0	45	25	25	20	15	15	200	104	8314G008*	BRASS	10.1/F	11.6/F
1/4	1/8	-	0.25	-	0	50	50	50	25	25	25	200	150	8320G176*	BRASS	17.1/F	11.6/F
1/4	1/8	-	0.25	-	0	50	50	50	25	25	25	200	150	8320G201*	SS	17.1/F	11.6/F
1/4	11/64	-	0.35	-	0	20	20	20	12	12	12	200	150	8320G178*	BRASS	10.1/F	11.6/F
1/4	3/16	-	0.35	-	0	-	-	-	60	60	60	-	180	8300D058U	BRASS	-	36.2/H
1/4	3/16	-	0.25	-	0	-	-	-	60	60	60	-	180	8300D058RU*	BRASS	-	36.2/H
1/4	3/16	-	0.35	-	0	150	150	150	-	-	-	200	-	8300G058U	BRASS	20.1/F	-
1/4	3/16	-	0.25	-	0	150	150	150	-	-	-	180	-	8300G058RU*	BRASS	20.1/F	-
1/4	1/4	-	0.45	-	0	-	-	-	35	35	35	-	180	8300A081U	BRASS	-	36.2/H
1/4	1/4	-	0.39	-	0	-	-	-	35	35	35	-	180	8300A081RU	BRASS	-	36.2/H
1/4	1/4	-	0.45	-	0	120	120	120	-	-	-	200	-	8300D061U*	BRASS	28/H	-
1/4	1/4	-	0.45	-	0	90	90	90	-	-	-	200	-	8300G081U	BRASS	20.1/F	-
1/4	1/4	-	0.39	-	0	75	75	75	-	-	-	180	-	8300G081RU	BRASS	20.1/F	-
1/4	1/4	-	0.49	0.56	0	150	150	150	150	150	150	176	176	8327G041*	BRASS	12.0/F	11.6/F
1/4	1/4	-	0.49	0.56	0	150	-	-	-	-	-	131	131	8327G051	BRASS	12.0/F	11.6/F
1/4	1/4	-	0.49	0.56	0	150	150	150	150	150	150	248	248	EV8327G042	SS	12.0/F	11.6/F
1/4	1/4	-	0.49	0.56	0	150	-	-	-	-	-	131	131	EV8327G052	SS	12.0/F	11.6/F
3/8	1/4	-	0.45	-	0	-	-	-	35	35	35	-	180	8300A082U	BRASS	-	36.2/H
3/8	1/4	-	0.39	-	0	-	-	-	35	35	35	-	180	8300A082RU	BRASS	-	36.2/H
3/8	1/4	-	0.45	-	0	120	120	120	-	-	-	200	-	8300D009U*	BRASS	28/H	-
3/8	1/4	-	0.45	-	0	90	90	90	-	-	-	200	-	8300G082U	BRASS	20.1/F	-
3/8	1/4	-	0.39	-	0	75	75	75	-	-	-	180	-	8300G082RU	BRASS	20.1/F	-
3/8	1/4	-	0.45	-	0	-	-	-	25	25	25	-	180	8300B410U	SS	-	36.2/H
3/8	1/4	-	0.45	-	0	75	75	75	-	-	-	200	-	8300G410U	SS	20.1/F	-
3/8	1/4	-	0.45	-	0	85	85	85	-	-	-	200	-	8300B411U	SS	28/H	-
3/8	5/16	-	0.75	-	0	-	-	-	20	20	20	-	180	8300D064U	BRASS	-	36.2/H
3/8	5/16	-	0.53	-	0	-	-	-	20	20	20	-	180	8300D064RU	BRASS	-	36.2/H
3/8	5/16	-	0.75	-	0	60	60	60	-	-	-	200	-	8300G064U	BRASS	20.1/F	-

① See specific valve series for detailed specifications. * Qualify for ASCO TODAY and/or 5DAY Program based on voltage required.

Condensed Listing

General Service Valves



3-Way/2 Position Valves

Pipe Size Size (ins.)	Orifice Size (ins.)		Cv Flow Factor		Operating Pressure Differential (psi)							Max. Fluid Temp. °F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
	Press.	Exh.	Press.	Exh.	Min	Maximum AC			Maximum DC			AC	DC			AC	DC
						Air- Inert Gas	Water	Light Oil @ 300 SSU	Air- Inert Gas	Water	Light Oil @ 300 SSU						
3/8	5/16	-	0.53	-	0	60	60	60	-	-	-	180	-	8300G064RU	BRASS	20.1/F	-
3/8	5/16	-	0.75	-	0	-	-	-	20	20	20	-	180	8300B412U	SS	-	36.2/H
3/8	5/16	-	0.75	-	0	60	60	60	-	-	-	200	-	8300G412U	SS	20.1/F	-
3/8	3/8	-	1	-	0	-	-	-	15	15	15	-	180	8300D072U	BRASS	-	36.2/H
3/8	3/8	-	1	-	0	35	35	35	-	-	-	200	-	8300G072U	BRASS	20.1/F	-
3/8	3/8	-	1	-	0	-	-	-	15	15	15	-	180	8300B413U	SS	-	36.2/H
3/8	3/8	-	1	-	0	35	35	35	-	-	-	200	-	8300G413U	SS	20.1/F	-
1/2	5/16	-	0.75	-	0	-	-	-	20	20	20	-	180	8300D068U	BRASS	-	36.2/H
1/2	5/16	-	0.53	-	0	-	-	-	20	20	20	-	180	8300D068RU	BRASS	-	36.2/H
1/2	5/16	-	0.75	-	0	60	60	60	-	-	-	200	-	8300G068U	BRASS	20.1/F	-
1/2	5/16	-	0.53	-	0	60	60	60	-	-	-	180	-	8300G068RU	BRASS	20.1/F	-
1/2	5/16	-	0.75	-	0	-	-	-	20	20	20	-	180	8300B403U	SS	-	36.2/H
1/2	5/16	-	0.75	-	0	60	60	60	-	-	-	200	-	8300G403U	SS	20.1/F	-
1/2	3/8	-	1	-	0	-	-	-	15	15	15	-	180	8300D076U	BRASS	-	36.2/H
1/2	3/8	-	1	-	0	35	35	35	-	-	-	200	-	8300G076U*	BRASS	20.1/F	-
1/2	3/8	-	1	-	0	-	-	-	15	15	15	-	180	8300B404U	SS	-	36.2/H
1/2	3/8	-	1	-	0	35	35	35	-	-	-	200	-	8300G404U	SS	20.1/F	-

① See specific valve series for detailed specifications. * Quality for ASCO TODAY and/or 5DAY Program based on voltage required.

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4-Way/2 or 3 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)		Cv Flow Factor		Operating Pressure Differential (psi)						Max. Fluid Temp.*F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation		
	Press.	Exh.	Press.	Exh.	Min	Maximum AC			Maximum DC			AC			DC	AC	DC
						Air- Inert Gas	Water	Light Oil @ 300 SSU	Air- Inert Gas	Water	Light Oil @ 300 SSU						
1/4	1/16	3/32	0.09	0.09	10	150	150	150	100	100	100	180	104	8345G001*	BRASS	10.1/F	11.6/F
1/4	1/16	3/32	0.09	0.09	10	150	150	150	100	100	100	180	104	EV8345G081	SS	10.1/F	11.6/F
1/4	1/16	3/32	0.09	0.09	10	150	-	-	100	-	-	180	104	8345H003*	BRASS	10.1/F	11.6/F
1/4	5/64	-	0.1	-	0	150	-	-	100	-	-	104	95	8340A003*	ALUM	16.7/F	19.7/F
1/4	5/64	-	0.08	-	0	150	-	-	100	-	-	104	95	8340A004	ALUM	16.7/F	19.7/F
1/4	5/64	-	0.08	-	0	150	-	-	150	-	-	104	95	8340A005	ALUM	10.5/F	19.7/F
1/4	5/64	-	0.1	-	0	150	-	-	100	-	-	104	95	8340A008	ALUM	10.5/F	19.7/F
1/4	5/64	-	0.1	-	0	150	-	-	100	-	-	130	95	8340G001*	ALUM	17.1/F	22.6/F
1/4	5/64	-	0.1	-	0	150	-	-	100	-	-	104	95	8340G002	ALUM	10.1/F	22.6/F
1/4	3/16	-	0.7	-	0	125	100	100	-	-	-	160	-	8342G001	BRASS	20.1/F	-
1/4	3/16	-	0.7	-	0	125	125	125	-	-	-	160	-	8342G020*	BRASS	16.1/F	-
1/4	3/16	-	0.7	-	0	125	100	100	-	-	-	160	-	8342G701*	SS	20.1/F	-
1/4	3/16	-	0.7	-	0	125	125	125	-	-	-	160	-	8342G720	SS	16.1/F	-
1/4	1/4	-	0.8	1	10	250	250	250	250	250	250	180	180	8344G000*	BRASS	17.1/F	22.6/F
1/4	1/4	-	0.8	1	10	250	200	125	125	125	100	180	120	8344G044*	BRASS	6.1/F	10.6/F
1/4	1/4	-	0.8	1	10	150	125	125	125	125	125	180	150	8344G070*	BRASS	10.1/F	11.6/F
1/4	1/4	-	0.8	-	20	150	-	-	150	-	-	135	77	U8401B101	ALUM	6.3/F	6.9/F
1/4	1/4	-	0.8	-	20	150	-	-	150	-	-	135	77	U8401B103	ALUM	6.3/F	6.9/F
1/4	1/4	-	0.8	-	20	150	-	-	150	-	-	135	77	U8401B105	ALUM	6.3/F	6.9/F
1/4	1/4	-	0.8	-	20	150	-	-	150	-	-	135	77	U8401B107	ALUM	6.3/F	6.9/F
1/4	1/4	-	0.8	-	20	150	-	-	150	-	-	135	135	8402A101	ALUM	-	-
1/4	1/4	-	0.8	-	20	150	-	-	150	-	-	135	135	8402A103	ALUM	-	-
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	8551G417	ALUM	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	8551G418	ALUM	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	150	-	-	140	140	SC8551A017MS*	ALUM	2.5	3
1/4	1/4	1/4	.86	-	30	150	-	-	150	-	-	140	140	SC8551A018MS*	ALUM	2.5	3
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	8551G419	BRASS	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	8551G420	BRASS	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	EV8551G421	SS	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	EV8551G422	SS	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	8551G467	ALUM	10.1	11.6
1/4	1/4	1/4	.86	-	30	150	-	-	120	-	-	140	120	8551G468	ALUM	10.1	11.6
3/8	3/16	-	0.7	-	0	125	100	100	-	-	-	160	-	8342G003	BRASS	20.1/F	-
3/8	3/16	-	0.7	-	0	125	125	125	-	-	-	160	-	8342G022*	BRASS	16.1/F	-
3/8	3/16	-	0.7	-	0	125	100	100	-	-	-	160	-	8342G703*	SS	20.1/F	-
3/8	3/16	-	0.7	-	0	125	125	125	-	-	-	160	-	8342G722	SS	16.1/F	-
3/8	1/4	-	0.8	1	10	250	250	250	250	250	250	180	180	8344G001	BRASS	17.1/F	22.6/F
3/8	3/8	-	1.4	2.2	10	300	300	200	-	-	-	180	-	8344G050*	BRASS	10.1/F	-
3/8	3/8	-	1.4	2.2	10	150	125	125	125	125	125	180	150	8344G072*	BRASS	10.1/F	11.6/F
3/8	3/8	-	1.4	2.2	10	250	200	125	125	125	100	180	120	8344G080*	BRASS	6.1/F	10.6/F
1/2	3/8	-	1.4	2.2	10	250	250	250	250	250	250	180	180	8344G027*	BRASS	17.1/F	22.6/F
1/2	3/8	-	1.4	2.2	10	150	125	125	125	125	125	180	150	8344G074*	BRASS	10.1/F	11.6/F
1/2	3/8	-	1.4	2.2	10	250	200	125	125	125	100	180	120	8344G082*	BRASS	6.1/F	10.6/F
1/2	1/2	1/2	3.7	-	30	150	-	-	120	-	-	140	120	8553G417	ALUM	10.1	11.6
1/2	1/2	1/2	3.7	-	30	150	-	-	120	-	-	140	120	8553G418	ALUM	10.1	11.6
1/2	1/2	1/2	3.7	-	30	150	-	-	150	-	-	140	140	SC8553A017MS	ALUM	5	6.9
1/2	1/2	1/2	3.7	-	30	150	-	-	150	-	-	140	140	SC8553A018MS	ALUM	5	6.9
3/4	3/4	-	5.2	5.6	10	250	250	250	250	250	250	180	180	8344G029*	BRASS	17.1/F	22.6/F
3/4	3/4	-	5.2	5.6	10	300	300	200	125	125	100	180	120	8344G054	BRASS	10.1/F	10.6/F
3/4	3/4	-	5.2	5.6	10	150	125	125	125	125	125	180	150	8344G076*	BRASS	10.1/F	11.6/F
1	3/4	-	5.2	5.6	10	250	250	250	250	250	250	180	180	8344G031	BRASS	17.1/F	22.6/F
1	3/4	-	5.2	5.6	10	300	300	200	125	125	100	180	120	8344G056	BRASS	10.1/F	10.6/F
1	3/4	-	5.2	5.6	10	150	125	125	125	125	125	180	150	8344G078	BRASS	10.1/F	11.6/F

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