



General Purpose Valves
Catalog No. CB-03-1SA

Direct acting 2-port solenoid valve, single unit
(general purpose valve)

AB31-FP2/AB41-FP2 Series

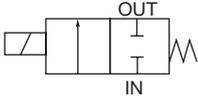
- NC (Normally Closed)
- Port size: Rc1/8 to Rc3/8



For CE details
Check our website.

JIS symbol

- NC (open when energized)



Common specifications

Item	Specifications			
Working fluid	Air/low vacuum (1.33 × 10 ² Pa (abs)/water/oil (50mm ² /s or less)	Hot water	Steam	
Working pressure differential MPa	0 to 5 (refer to max. working pressure differential in individual specifications.)			
Proof pressure(water pressure) MPa	25			
Fluid temperature °C	-10 to 60 (no freezing)	-10 to 90	-10 to 184	
Ambient temperature °C	-20 to 60	-20 to 100 *1		
Thermal class	Class 130 (B)		Class 180 (H)	
Atmosphere	Place free of corrosive gas and explosive gas			
Valve structure	Direct acting poppet structure			
Valve seat leakagecm ³ /min(ANR)	0.2 or less (air)			300 or less (air)
Mounting orientation	Unrestricted			
Degree of protection	IP 65 or equiv.		IP00	
Sealant	Fluoro rubber			PTFE

*1: -20 to 80°C when coil housing is HP terminal box with lamp.

Individual specifications

Item	Port size	Orifice size (mm)	Max. working pressure differential (MPa)					Max. Working pressure (MPa)	Rated voltage	Apparent power (VA)				Power consumption (W)		Weight (kg)		
			Air		Water/hot water		Oil (50mm ² /s)			Steam	When holding		When starting		AC		DC	
			AC	DC	AC	DC	AC			DC	AC	50Hz	60Hz	50Hz	60Hz		50/60Hz	DC
NC (open when energized)																		
AB31- ⁰¹ / ₀₂ -2	Rc1/8 Rc1/4	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.0	5 (Fluid: Steam For 1)	100 VAC 50/60Hz*6 200 VAC 50/60Hz*6 24 VDC	12	10	17	14	5.2/3.8	11	0.52
AB41- ⁰² / ₀₃ -3	Rc1/4 Rc3/8	3.0	1.5	0.9	1.3	0.9	0.9	0.9	1.0			18	15	29	24	6.7/5.7	11	0.69
-5		4.0	1.0	0.5	0.7	0.5	0.5	0.5	0.7									

*1: The model numbers above are for the basic port size (Rc) and orifice size. Refer to How to order for other combinations.
*2: The port size model No. is 01 for Rc1/8 (6A), 02 for Rc1/4 (8A) and 03 for Rc3/8 (10A).
*3: Refer to DC column for the max. working pressure differential of coil with diode.
*4: The voltage fluctuation range must be within ±10% of the rated voltage.

*5: When using at low vacuum, vacuum the OUT port side.
*6: 100 VAC (50/60 Hz) can also be used with 110 VAC (60 Hz). 200 VAC(50/60Hz) can also be used with 220VAC (60Hz). However, this does not apply to coil housings 5A/5I/5J.

Flow characteristics

Model No.	Port size	Orifice size (mm)	Flow characteristics		
			C[dm ³ /(s·bar)]	b	Cv
NC (open when energized)					
AB31- ⁰¹ / ₀₂ -2	Rc1/8 Rc1/4	2.0	0.53	0.52	0.15
AB41- ⁰² / ₀₃ -3	Rc1/4 Rc3/8	3.0	1.1	0.52	0.31
-5		4.0	1.9	0.47	0.48

* Effective cross-sectional area S and sonic conductance C are converted as S ≈ 5.0 × C.

AB31, 41-FP2 Series

How to order

How to order

AB31 - 01 - 2 - M 3A FP2 - AC100V

AB41

A Model No.

B Port size

C Orifice size

D Body/sealant combination

E Coil housing

F Rated voltage

A Model No.	
AB31	AB41

Code	Description	AB31	AB41
B Port size			
01	Rc1/8	●	
02	Rc1/4	●	●
03	Rc3/8		●
C Orifice size			
2	ø2	●	
3	ø3		●
5	ø4		●
D Body/sealant combination			
	Body	Seal	
M	Stainless steel	Fluoro rubber	● ●
N	Stainless steel	PTFE	● ●
E Coil housing			
3A	Open	Lead wire	
3I	Frame type	With HP terminal box	(G1/2)
3J		HP terminal box with lamp	(G1/2)
4A	Open	Lead wire	
4M	Frame type	With HP terminal box	(G1/2)
4N	(Thermal class 180 (H))	HP terminal box with lamp	(G1/2)
5A	Open	Lead wire	
5I	Frame type	With HP terminal box	(G1/2)
5J	(diode integrated)	HP terminal box with lamp	(G1/2)
F Rated voltage			
3A	100 VAC, 200 VAC, 12 VDC, 24 VDC, 48 VDC, 100 VDC		
3I			
3J	100 VAC, 200 VAC, 12 VDC, 24 VDC, 100 VDC		
4A			
4M	100 VAC, 200 VAC		
4N			
5A			
5I	100 VAC, 200 VAC		
5J			

Electric actuator	Pneumatic cylinders	Assistive device	Pneumatic valves	FR Auxiliary Components Electronic Component	Vacuum components	Main line components	Fluid control valves	Main line components	Anti-bacterial/bacteria-removing filter	Vacuum components	Fluid control valves

For dimensions, refer to the AB31/AB41 Series in "General Purpose Valves (CB-03-1SA)".



General Purpose Valves
Catalog No. CB-03-1SA

Direct acting 3-port solenoid valve, single unit
(General purpose valves)

AG31-FP2/AG41-FP2 Series

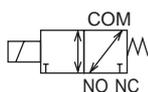
- Universal
- Port size: Rc1/8, Rc1/4, Rc3/8



For CE details
Check our website.

JIS symbol

- AG31 · 41: Universal



Common specifications

Item	Specifications		
Working fluid	Air/low vacuum (1.33 x 10 ² Pa (abs)/water/oil (50mm ² /s or less)	Hot water	Steam
Working pressure differential(MPa)	0 to 1 (refer to max. working pressure differential in individual specifications.)		
Proof pressure(water pressure)MPa	25		
Fluid temperature(Note)°C	-10 to 60 (no freezing)	-10 to 90	-10 to 184
Ambient temperature °C	-20 to 60	-20 to 100 *1	
Thermal class	Class 130 (B)		Class 180 (H)
Atmosphere	Place free of corrosive gas and explosive gas		
Valve structure	Direct acting poppet structure		
Valve seat leakage cm ³ /min(ANR)	0.2 or less (air)		300 or less (air)
Mounting orientation	Unrestricted		
Degree of protection	IP 65 or equiv.		IP00
Sealant	Fluoro rubber		PTFE

*1: -20 to 80°C when coil housing is HP terminal box with lamp.

Individual specifications

Item	Connection Bore size	Orifice size (mm)		Max. working pressure differential (MPa)							Rated voltage	Apparent power(VA)				Power consumption(W)		Weight (kg)	
		TOP	BODY	Air		Water/hot water		Oil(50 mm ² /s)		Steam		When holding		When starting		AC 50/60Hz	DC		
				AC	DC	AC	DC	AC	DC	AC		50Hz	60Hz	50Hz	60Hz				
AG31-01-1	Rc1/8	1.5	1.5	0.7	0.7	0.7	0.7	0.6	0.6	0.7	100 VAC 50/60Hz *4	14	11	20	16	6/4.2	11	0.51	
-01-2		2.0	2.0	0.4	0.4	0.4	0.4	0.25	0.2	0.4									
-02-1	Rc1/4	1.5	1.5	0.7	0.7	0.7	0.7	0.6	0.6	0.7		200 VAC 50/60Hz *4	22	17	35	27	8.3/6.2		11
-02-2		2.0	2.0	0.4	0.4	0.4	0.4	0.25	0.2	0.4									
AG41-02-1	Rc1/4	2.0	2.0	1.0	0.7	1.0	0.7	0.4	0.3	1.0	24 VDC		22	17	35	27	8.3/6.2	11	0.65
-02-2		2.3	2.3	0.7	0.4	0.7	0.4	0.25	0.15	0.7									
-03-1	Rc3/8	2.0	2.0	1.0	0.7	1.0	0.7	0.4	0.3	1.0		24 VDC	22	17	35	27	8.3/6.2	11	0.70
-03-2		2.3	2.3	0.7	0.4	0.7	0.4	0.25	0.15	0.7									

*1: The model numbers above are for the basic port size (Rc)and orifice. Refer to How to order for other combinations.

*2: Refer to DC column for the max. working pressure differential of coil with diode.

*3: The voltage fluctuation range must be within ±10% of the rated voltage.

*4: The 100 VAC (50/60 Hz) type can be used with 110 VAC (60 Hz). The 200 VAC (50/60 Hz) type can be used with 220 VAC (60 Hz). However, this does not apply to coil housings 5A/5M/5N/5I/5J.

*5: NO port pressurization is not possible for PTFE seal.

Flow characteristics

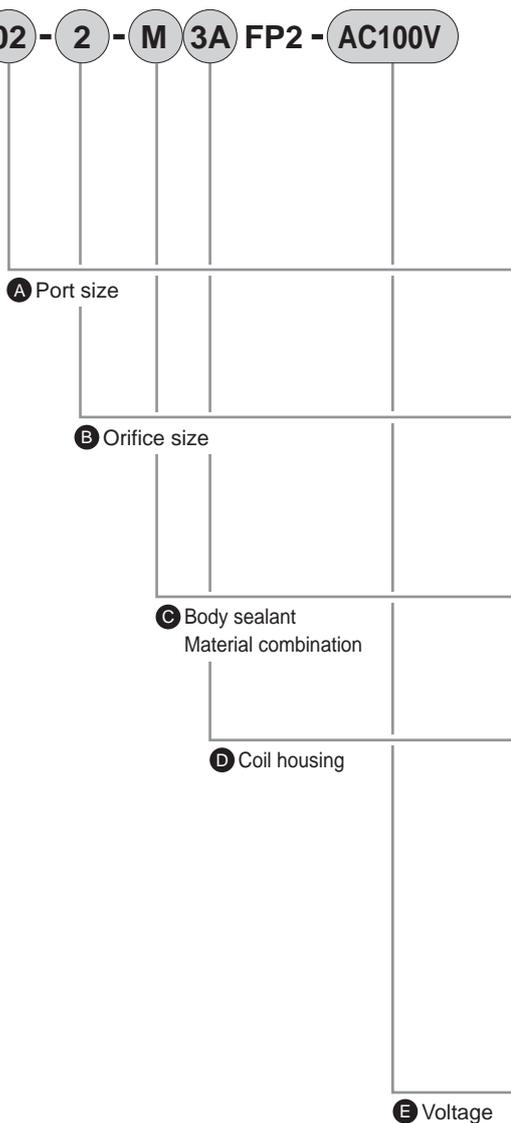
Model No.	Port size	Orifice size(mm)		Flow characteristics					
		TOP	BODY	C[dm ³ /(s·bar)]		b		Cv	
				TOP	BODY	TOP	BODY	TOP	BODY
AG31-01-1	Rc 1/8	1.5	1.5	0.29	0.29	0.64	0.53	0.09	0.09
-01-2		2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
-02-1	Rc 1/4	1.5	1.5	0.29	0.29	0.64	0.53	0.09	0.09
-02-2		2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
AG41-02-1	Rc 1/4	2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
-02-2		2.3	2.3	0.74	0.74	0.66	0.53	0.19	0.19
-03-1	Rc 3/8	2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
-03-2		2.3	2.3	0.74	0.74	0.66	0.53	0.19	0.19

*1: Effective cross-sectional area S and sonic conductance C are converted as S ≈ 5.0 × C.

How to order

AG31 - **02** - **2** - **M** **3A** **FP2** - **AC100V**

AG41
Model No.



Code		Description		Model No.		
				AG31	AG41	
A Port size						
01	Rc1/8	●				
02	Rc1/4	●	●			
03	Rc3/8			●		
B Orifice size						
	AG31		AG41			
	TOP	BODY	TOP	BODY		
1	ø1.5	ø1.5	ø2.0	ø2.0	●	●
2	ø2.0	ø2.0	ø2.3	ø2.3	●	●
C Body/sealant combination						
	Body		Seal			
M	Stainless steel		Fluoro rubber		●	●
N	Stainless steel		PTFE		●	●
D Coil housing						
3A		Lead wire				
3I	Open	With HP terminal box (G1/2)				
3J	Frame type	HP terminal box with lamp (G1/2)				
4A	Open	Lead wire				
4M	Frame type	With HP terminal box (G1/2)				
4N	(Thermal class 180 (H))	HP terminal box with lamp (G1/2)				
5A	Open	Lead wire				
5I	Frame type	With HP terminal box (G1/2)				
5J	(diode integrated)	HP terminal box with lamp (G1/2)				
E Rated voltage						
3A	100 VAC, 200 VAC, 12 VDC, 24 VDC,					
3I	48 VDC, 100 VDC					
3J	100 VAC, 200 VAC, 12 VDC, 24 VDC, 100 VDC					
4A						
4M	100 VAC, 200 VAC					
4N						
5A						
5I	100 VAC, 200 VAC					
5J						

* When the sealant material is PTFE, the O-ring of the socket part is fluoro rubber.

For dimensions, refer to the AG31/AG41 Series in "General Purpose Valves (CB-03-1SA)".

Electric actuator
Pneumatic cylinders
Assistive device
Pneumatic valves
FRL/Auxiliary Components
Electronic Component
Vacuum components
Main line components
Fluid control valves
Main line components
Anti-bacterial/bacteria-removing filter
Vacuum components
Fluid control valves

FP1
FP2



General Purpose Valves
Catalog No. CB-03-1SA

Direct acting 3-port solenoid valve, single unit
(general purpose valve)

AG33-FP2/AG43-FP2 Series

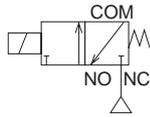
- NC pressurization
- Port size: Rc1/8, Rc1/4, Rc3/8



For CE details
Check our website.

JIS symbol

- AG33/43: NC pressurization



Common specifications

Item	Specifications			
Working fluid	Air/low vacuum (1.33 x 10 ² Pa (abs)/water/oil (50mm ² /s or less)		Hot water	Steam
Working pressure differential MPa	0 to 1 (refer to max. working pressure differential in individual specifications.)			
Proof pressure(water pressure) MPa	25			
Fluid temperature °C	-10 to 60 (no freezing)		-10 to 90	-10 to 184
Ambient temperature °C	-20 to 60		-20 to 100 *1	
Thermal class	Class 130 (B)		Class 180 (H)	
Atmosphere	Place free of corrosive gas and explosive gas			
Valve structure	Direct acting poppet structure			
Valve seat leakagecm ³ /min(ANR)	0.2 or less (air)			300 or less (air)
Mounting orientation	Unrestricted			
Degree of protection	IP65Equivalent		IP00	
Sealant	Fluoro rubber			PTFE

*1: -20 to 80°C when coil housing is HP terminal box with lamp.

Individual specifications

Item	Connection Bore size	Orifice size (mm)		Max. working pressure differential(MPa)								Rated voltage	Apparent power(VA)				Power consumption(W)		Weight(kg)
				Air		Water/hot water		Oil(50 mm ² /s)		Steam			When holding		When starting		AC	DC	
				TOP	BODY	AC	DC	AC	DC	AC	DC		AC	DC	50Hz	60Hz	50Hz	60Hz	
AG33-01-1	Rc1/8	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	100 VAC 50/60Hz *5	14	11	20	16	6/4.2	11	0.51
-01-2		2.0	2.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7								
AG43-02-4	Rc1/4	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	200 VAC 50/60Hz *5	22	17	35	27	8.3/6.2	11	0.65
-02-1		2.0	2.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7								
AG43-02-5	Rc3/8	3.0	3.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	24 VDC							0.70
-02-2		3.5	3.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4								
AG43-03-4	Rc3/8	3.0	3.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7								
-03-5		3.5	3.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4								

*1: The model numbers above are for the basic port size (Rc)and orifice. Refer to How to order for other combinations.

*2: Refer to DC column for the max. working pressure differential of coil with diode.

*3: The voltage fluctuation range must be within ±10% of the rated voltage.

*4: When using in vacuum, vacuum the NO port side.

*5: 100 VAC coil is compatible with 100 VAC 50/60 Hz and 110 VAC 60 Hz, and 200 VAC coil is compatible with 200 VAC 50/60 Hz and 220 VAC 60 Hz. However, coils for Item ⑤ 5A/5I/5J can be used only with 100 VAC50/60Hz and C200V50/60Hz.

Flow characteristics

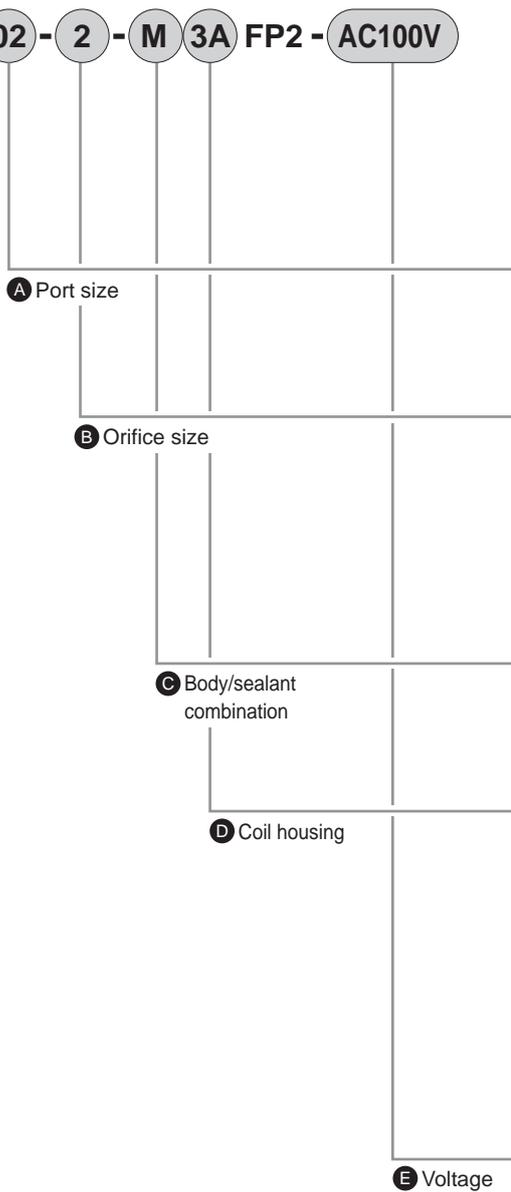
Model No.	Port size	Orifice size (mm)		Flow characteristics					
				C[dm ³ /(s·bar)]		b		Cv	
				TOP	BODY	TOP	BODY	TOP	BODY
AG33-01-1	Rc 1/8	1.5	1.5	0.29	0.29	0.64	0.53	0.09	0.09
-01-2		2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
AG43-02-1	Rc 1/4	1.5	1.5	0.29	0.29	0.64	0.53	0.09	0.09
-02-2		2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
AG43-02-4	Rc 1/4	3.0	3.0	1.1	1.1	0.72	0.52	0.31	0.31
-02-5		3.5	3.0	1.5	1.1	0.62	0.52	0.40	0.31
AG43-03-4	Rc 3/8	3.0	3.0	1.1	1.1	0.72	0.52	0.31	0.31
-03-5		3.5	3.0	1.5	1.1	0.62	0.52	0.40	0.31

*1: Effective cross-sectional area S and sonic conductance C are converted as S ≈ 5.0 × C.

How to order

AG33 - 02 - 2 - M 3A FP2 - AC100V

AG43
Model No.



		Model No.		
		AG33	AG43	
Code	Description			
A Port size				
01	Rc1/8	●		
02	Rc1/4	●	●	
03	Rc3/8		●	
B Orifice size				
	AG33		AG43	
	TOP	BODY	TOP	BODY
1	ø1.5	ø1.5	-	-
2	ø2.0	ø2.0	-	-
4	-	-	ø3.0	ø3.0
5	-	-	ø3.5	ø3.0
C Body/sealant combination				
	Body		Seal	
M	Stainless steel		Fluoro rubber	
N	Stainless steel		PTFE *	
D Coil housing				
3A		Lead wire		
3I	Open Frame type	With HP terminal box (G1/2)		
3J		HP terminal box with lamp (G1/2)		
4A	Open Frame type	Lead wire		
4M		With HP terminal box (G1/2)		
4N	(Thermal class 180 (H))	HP terminal box with lamp (G1/2)		
5A	Open Frame type (diode integrated)	Lead wire		
5I		With HP terminal box (G1/2)		
5J		HP terminal box with lamp (G1/2)		
E Rated voltage				
3A	100 VAC, 200 VAC, 12 VDC, 24 VDC,			
3I	48 VDC, 100 VDC			
3J	100 VAC, 200 VAC, 12 VDC, 24 VDC, 100 VDC			
4A	100 VAC, 200 VAC			
4M				
4N				
5A	100 VAC, 200 VAC			
5I				
5J				

* When the sealant material is PTFE, the O-ring of the socket part is fluoro rubber.

For dimensions, refer to the AG33/AG43 Series in "General Purpose Valves (CB-03-1SA)".

Electric actuator
Pneumatic cylinders
Assistive device
Pneumatic valves
F.R./Auxiliary Components
Electronic Component
Vacuum components
Main line components
Fluid control valves
Main line components
Anti-bacterial/bacteria-removing filter
Vacuum components
Fluid control valves

FP1

FP2



General Purpose Valves
Catalog No. CB-03-1SA

Direct acting 3-port solenoid valve, single unit
(general purpose valve)

AG34-FP2/AG44-FP2 Series

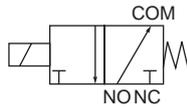
- NO pressurization
- Port size: Rc1/8, Rc1/4, Rc3/8



For more information about CE, please check our website.

JIS symbol

- AG34/44: NO pressurization



Common specifications

Item	Specifications	
Working fluid	Air/low vacuum (1.33 × 10 ² Pa (abs)/water/oil (50mm ² /s or less)	Hot water
Working pressure differential(MPa)	0 to 1 (refer to max. working pressure differential in individual specifications.)	
Proof pressure(water pressure)MPa	25	
Fluid temperature °C	-10 to 60 (no freezing)	-10 to 90
Ambient temperature °C	-20 to 60	-20 to 100 *1
Thermal class	Class 130 (B)	Class 180 (H)
Atmosphere	Place free of corrosive gas and explosive gas	
Valve structure	Direct acting poppet structure	
Valve seat leakage cm ³ /min(ANR)	0.2 or less (air)	
Mounting orientation	Unrestricted	
Degree of protection	IP65Equivalent	IP00
Sealant	Fluoro rubber	

*1: -20 to 80°C when coil housing is HP terminal box with lamp.

Individual specifications

Item	Connection Bore size	Orifice size(mm)		Max. working pressure differential(MPa)						Rated voltage	Apparent power(VA)				Power consumption(W)		Weight(kg)								
				Air		Water/hot water		Oil(50 mm ² /s)			When holding		When starting		AC	DC									
				AC	DC	AC	DC	AC	DC		50Hz	60Hz	50Hz	60Hz				50/60Hz							
AG34-01-1	Rc1/8	TOP	BODY	AC	DC	AC	DC	AC	DC	100 VAC 50/60Hz *5	14	11	20	16	6/4.2	11	0.51								
		2.0	2.0	0.7	0.45	0.7	0.6	0.3	0.2																
	Rc1/4	1.5	1.5	1.0	1.0	1.0	1.0	1.0	0.7		200 VAC 50/60Hz *5	22	17	35	27	8.3/6.2		11							
		2.0	2.0	0.7	0.45	0.7	0.6	0.3	0.2																
AG44-02-1	Rc1/4	2.0	2.0	1.2	0.75	1.5	1.0	1.0	0.45	24 VDC														0.65	
		2.0	3.0	1.2	0.75	1.5	0.9	1.0	0.45																
		3.0	3.0	0.4	0.3	0.5	0.3	0.3	0.2																
	Rc3/8	2.0	2.0	1.2	0.75	1.5	1.0	1.0	0.45																0.70
		2.0	3.0	1.2	0.75	1.5	0.9	1.0	0.45																
		3.0	3.0	0.4	0.3	0.5	0.3	0.3	0.2																

*1: The model numbers above are for the basic port size (Rc)and orifice. Refer to How to order for other combinations.

*2: Refer to DC column for the max. working pressure differential of coil with diode.

*3: The voltage fluctuation range must be within ±10% of the rated voltage.

*4: When using at low vacuum, vacuum the NC port side.

*5: The 100 VAC (50/60 Hz) type can be used with 110 VAC (60 Hz). The 200 VAC (50/60 Hz) type can be used with 220 VAC (60 Hz). However, this does not apply to coil housings 5A/5I/5J.

Flow characteristics

Model No.	Port size	Orifice size(mm)		Flow characteristics					
		TOP	BODY	C[dm ³ /(s·bar)]		b		Cv	
				TOP	BODY	TOP	BODY	TOP	BODY
AG34-01-1	Rc 1/8	1.5	1.5	0.29	0.29	0.64	0.53	0.09	0.09
		2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
	Rc 1/4	1.5	1.5	0.29	0.29	0.64	0.53	0.09	0.09
		2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
AG44-02-1	Rc 1/4	2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
		2.0	3.0	0.53	1.1	0.54	0.52	0.15	0.31
		3.0	3.0	1.1	1.1	0.72	0.52	0.31	0.31
	Rc 3/8	2.0	2.0	0.53	0.53	0.54	0.52	0.15	0.15
		2.0	3.0	0.53	1.1	0.54	0.52	0.15	0.31
		3.0	3.0	1.1	1.1	0.72	0.52	0.31	0.31

*1: Effective cross-sectional area S and sonic conductance C are converted as S ≈ 5.0 × C.

How to order

AG34 - 02 - 1 - M 3A FP2 - AC100V

AG44
Model No.

A Port size

B Orifice size

C Body/sealant combination

D Coil housing

E Voltage

Code		Description		Model No.		
				AG34	AG44	
A Port size						
01	Rc1/8	●				
02	Rc1/4	●	●			
03	Rc3/8			●		
B Orifice size						
	AG34		AG44			
	TOP	BODY	TOP	BODY		
1	ø1.5	ø1.5	ø2.0	ø2.0	●	●
2	ø2.0	ø2.0	-	-	●	
3	-	-	ø2.0	ø3.0		●
4	-	-	ø3.0	ø3.0		●
C Body/sealant combination						
	Body		Seal			
M	Stainless steel		Fluoro rubber		●	●
D Coil housing						
3A	Open Frame type	Lead wire				
3I		With HP terminal box (G1/2)				
3J		HP terminal box with lamp (G1/2)				
4A	Open Frame type	Lead wire				
4M		With HP terminal box (G1/2)				
4N		(Thermal class 180 (H)) HP terminal box with lamp (G1/2)				
5A	Open Frame type	Lead wire				
5I		With HP terminal box (G1/2)				
5J		(diode integrated) HP terminal box with lamp (G1/2)				
E Rated voltage						
3A	100 VAC, 200 VAC, 12 VDC, 24 VDC,					
3I	48 VDC, 100 VDC					
3J	100 VAC, 200 VAC, 12 VDC, 24 VDC, 100 VDC					
4A						
4M	100 VAC, 200 VAC					
4N						
5A						
5I	100 VAC, 200 VAC					
5J						

Electric actuator	Pneumatic cylinders	Assistive device	Pneumatic valves	FRL/Auxiliary Components Electronic Component	Vacuum components	Main line components	Fluid control valves	Main line components	Anti-bacterial/ bacteria-removing filter	Vacuum components	Fluid control valves

For dimensions, refer to the AG34/AG44 Series in "General Purpose Valves (CB-03-1SA)".