

ACA PNEUMATIC VALVE

ABSOLUTE CHEMICAL APPLICATION- FLARE CONNECTION TYPE

OVERVIEW

ACA Pneumatic valve's all wetted parts are made of PFA material, and the valve is designed to generate optimal performance in handling high-purity chemicals.

FEATURES

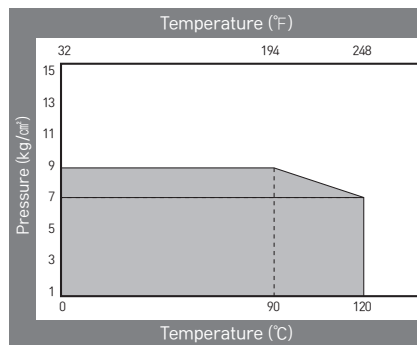
1. Based on GCA valve design
2. Suitable for handling strong acid and for preventing discoloration of non-flow stream components from chemical fume. Key parts are made of PFA material- valve body, bonnet, and fitting nut
3. Bonnet Lock and fitting Nut Lock stabilize and prevent loosening of valve components adding additional safety
4. Visually identifiable on and off indicator for precise valve operation

TECHNICAL DATA

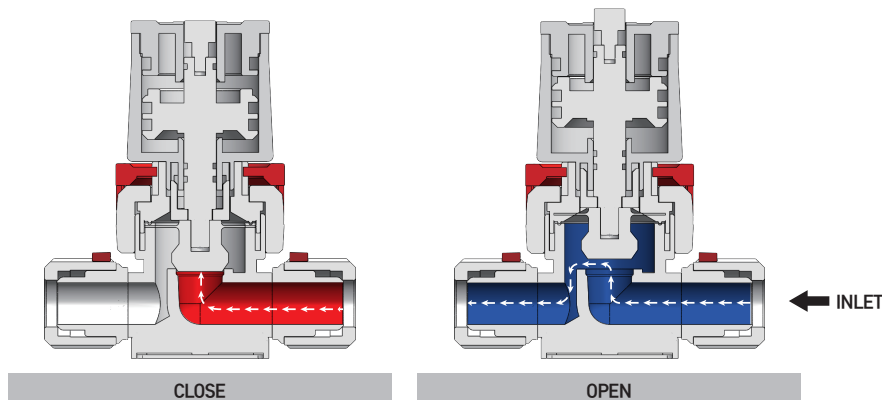
Actuator Type	Pneumatic Air Operation
Connection Type	E&B Ferrule Connection
Configuration	2-Way Flow / Orifice
Air Port	1/8"PT(Female)
Supply Pressure	Minimum 5.5 ~ Maximum 6.5 kg/cm ² (78 ~92 psi)

Model Number	Size	Orifice	Cv	Port Configuration
APV-F-04	1/4"	4.5	0.5	1/4" Flare Connection
APV-F-06	3/8"	6.9	1.1	3/8" Flare Connection
APV-F-08	1/2"	10	1.8	1/2" Flare Connection
APV-F-12	3/4"	16.4	5.8	3/4" Flare Connection
APV-F-16	1"	22.8	11	1" Flare Connection

Operating Temperature	Operating Pressure
0 ~ 90 °C	9kg/cm ² (0.9Mpa)
90 ~ 120 °C	7kg/cm ² (0.7Mpa)

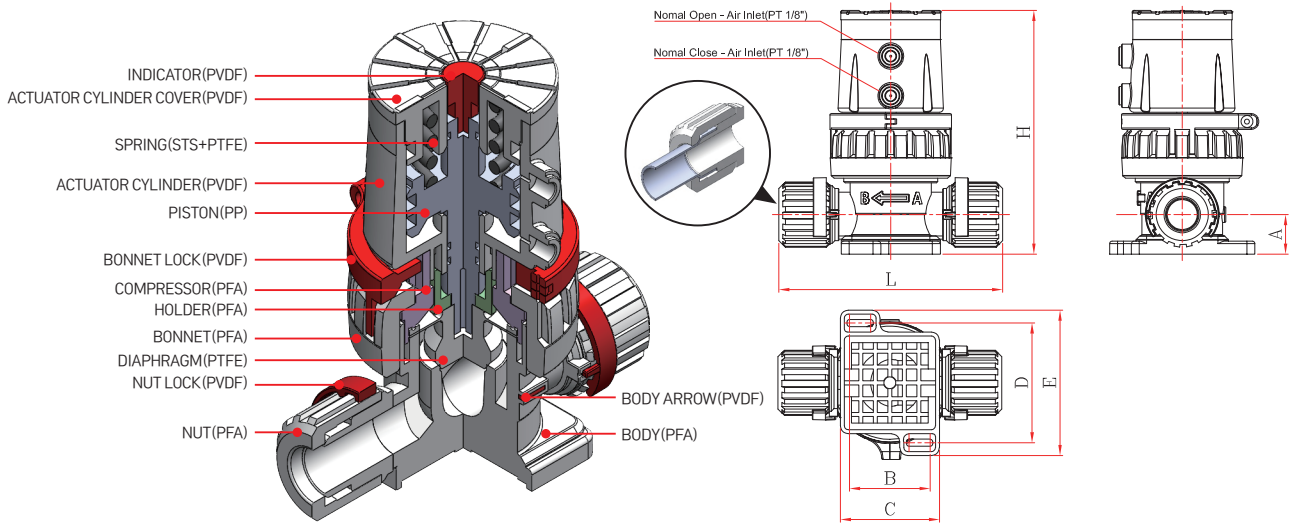


2-WAY FLOW PATTERNS



Standard Flare Type Size
1/4" ~ 1"

MATERIAL CONSTRUCTION & DIMENSION TABLE



Size	A	H	L	B	C	D	E
1/4"	0.71"(18mm)	4.65"(118mm)	4.65"(118mm)	1.14"(29mm)	1.61"(41mm)	1.89"(48mm)	2.48"(63mm)
3/8"	0.71"(18mm)	4.65"(118mm)	4.65"(118mm)	1.14"(29mm)	1.61"(41mm)	1.89"(48mm)	2.48"(63mm)
1/2"	0.87"(22mm)	4.90"(124.5mm)	4.90"(124.5mm)	1.34"(34mm)	1.81"(46mm)	2.17"(55mm)	2.76"(70mm)
3/4"	1.18"(30mm)	6.00"(152.5mm)	6.00"(152.5mm)	1.73"(44mm)	2.24"(57mm)	2.56"(65mm)	3.15"(80mm)
1"	1.18"(30mm)	7.26"(184.5mm)	7.26"(184.5mm)	2.40"(61mm)	2.95"(75mm)	3.56"(90.5mm)	4.33"(110mm)

HOW TO ORDER

[Normal Close Type]

Type	CODE
ACA PNEUMATIC VALVE Normally Close Type	APV
Connection	CODE
FLARE	F
SIZE	CODE
1/4"	04
3/8"	06
1/2"	08
3/4"	12
1"	16

Example : APV-F-12

APV	ACA PNEUMATIC VALVE Normally Close Type
F	FLARE
12	3/4"

[Normal Open Type]

Type	CODE
ACA PNEUMATIC VALVE Normally Open Type	APVO
Connection	CODE
FLARE	F
SIZE	CODE
1/4"	04
3/8"	06
1/2"	08
3/4"	12
1"	16

Example : APVO-F-16

APVO	ACA PNEUMATIC VALVE Normally Open Type
F	FLARE
16	1"

“ SMART VALUE OPERATION PRODUCT LINE UP ”

E&IB (Extrusion & Injection, Basic Co., Ltd) Corporate Mission :

E&IB is to become a key provider of safe, high performance, and advanced technology device and components for fluid management systems and applications that meet or exceed the needs and requirements of global customers.

65-59, Ucheonje2nongongdanji-ro, Ucheon-Myeon,
Hoengseong-gun, Gangwon-do, Republic of Korea
Customer Service Tel : +82 033 345 8836
Customer Fax : +82 345 8837
www.enib.co.kr