

GCA PNEUMATIC VALVE

GENERAL CHEMICAL APPLICATION- FLARE CONNECTION TYPE

OVERVIEW

GCA 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. Made only of high-purity Fluoropolymer material and is designed to generate optimal performance in handling high-purity chemicals.
2. Bonnet is screwed onto the body (All-in-one assembly) to prevent valve deformation and improve airtightness.
3. The 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



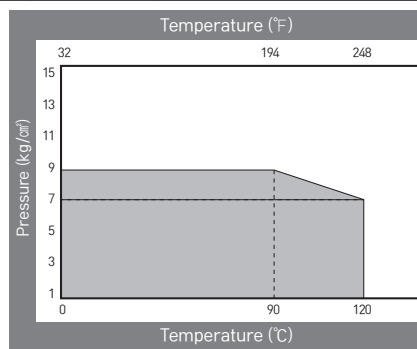
Flare Type Size
1/4" ~ 1"

TECHNICAL DATA

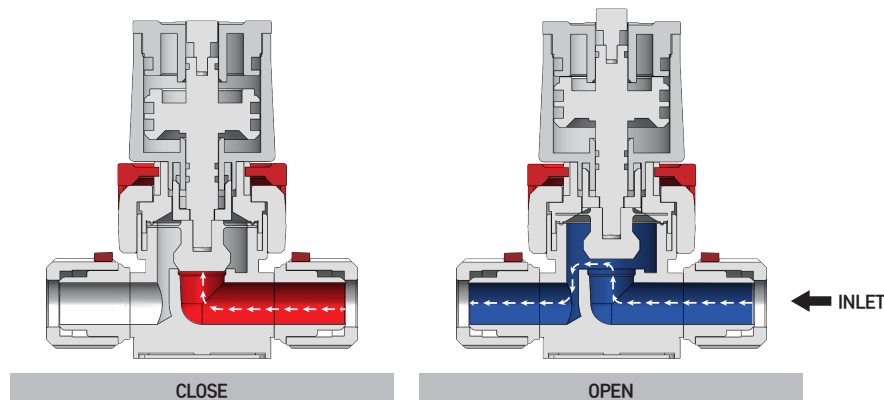
Actuator Type	Pneumatic Air Operation
Connection Type	E&B Ferrule Connection
Configuration	2-Way Flow / Orifice
Air Port	1/8"PT(Female)
Supply Pressure	Minimum 5.5 ~ Maximum 6.5 kg/cm ² (78 ~92 psi)

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

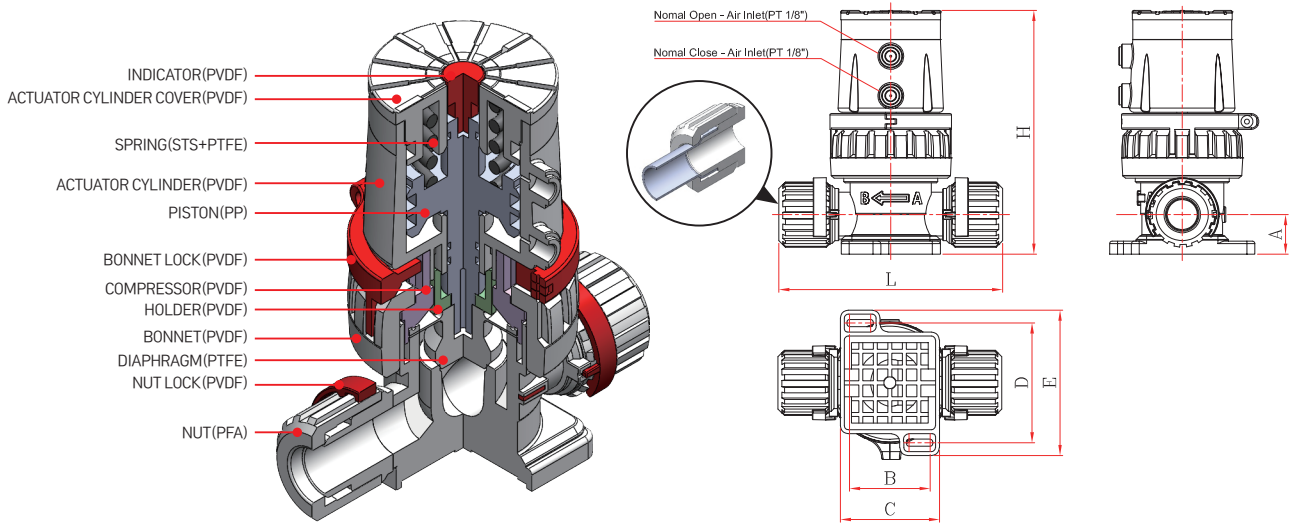
Operating Temperature	Operating Pressure
0 ~ 90 °C	9kg/cm ² (0.9Mpa)
90 ~ 120 °C	7kg/cm ² (0.7Mpa)



2-WAY FLOW PATTERNS



MATERIAL CONSTRUCTION & DIMENSION TABLE



Size	A	H	L	B	C	D	E
1/4"	0.71"(18mm)	4.65"(118mm)	4.41"(112mm)	1.14"(29mm)	1.61"(41mm)	1.89"(48mm)	2.48"(63mm)
3/8"	0.71"(18mm)	4.65"(118mm)	4.59"(116.5mm)	1.14"(29mm)	1.61"(41mm)	1.89"(48mm)	2.48"(63mm)
1/2"	0.87"(22mm)	4.90"(124.5mm)	5.00"(127mm)	1.34"(34mm)	1.81"(46mm)	2.17"(55mm)	2.76"(70mm)
3/4"	1.18"(30mm)	6.00"(152.5mm)	5.75"(146mm)	1.73"(44mm)	2.24"(57mm)	2.56"(65mm)	3.15"(80mm)
1"	1.18"(30mm)	7.26"(184.5mm)	6.67"(169.5mm)	2.40"(61mm)	2.95"(75mm)	3.56"(90.5mm)	4.33"(110mm)

HOW TO ORDER

[Normal Close Type]

Type	CODE
GCA PNEUMATIC VALVE Normally Close Type	GPV

Connection	CODE
FLARE	F

SIZE	CODE
1/4"	04
3/8"	06
1/2"	08
3/4"	12
1"	16

Example : GPV-F-12

GPV	GCA PNEUMATIC VALVE Normally Close Type
F	FLARE
12	3/4"

[Normal Open Type]

Type	CODE
GCA PNEUMATIC VALVE Normally Open Type	GPVO

Connection	CODE
FLARE	F

SIZE	CODE
1/4"	04
3/8"	06
1/2"	08
3/4"	12
1"	16

Example : GPVO-F-16

GPVO	GCA PNEUMATIC VALVE Normally Open Type
F	FLARE
16	1"

“ SMART VALUE OPERATION PRODUCT LINE UP ”

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