



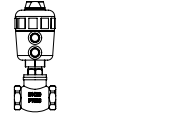
EXPERT IN PROCESS VALVE








GV100 Series **Pneumatic Globe Control Valve**

◆ How to Order

GV 1 0 0 PX 015 50 NC S [] [] [] [] SV1

Series 1 

Type of Actuator

P	nylon PA66 clean port	
PX	nylon PA66 built-in SS liner NAMUR port	
PR	nylon PA66 built-in SS liner clean port	
SD	S.S. polished actuator	
S	S.S. actuator	

Port size

015	1/2"
020	3/4"
025	1"
032	1-1/4"
040	1-1/2"
050	2"
065	2-1/2"

Actuator Size

	Standard Actuator Size mm		
	P	S	A
DN15	40,50	32,40,50	20,25,32
DN20	40,50	32,40,50	25,32,40
DN25	40,50	50,63	32,40
DN32	40,50,63	63,90	40,50,63
DN40	50,63,80,100	63,90	40,50,63
DN50	63,80,100	63,90	63,80
DN65	63,80,100	63,90	80

Acting type

S	Single acting
D	Double acting

Control Function

NO	Normally Open
NC	Normally Closed
DA	Liberty (double acting)

Thread type

Blank	BSP(G)
N	NPT
R	PT(Rc)



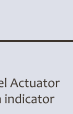
Seal/Seat

	Seal	Seat
Blank	NBR	PTFE
B1	NBR	VITON
V1	VITON	PTFE

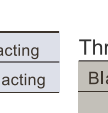
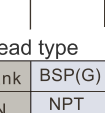
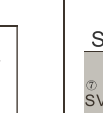
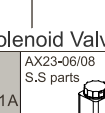

Body material

Blank	S.S.304
T1	S.S.316
T2	S.S316L
T3	Gunmetal (Rg5)

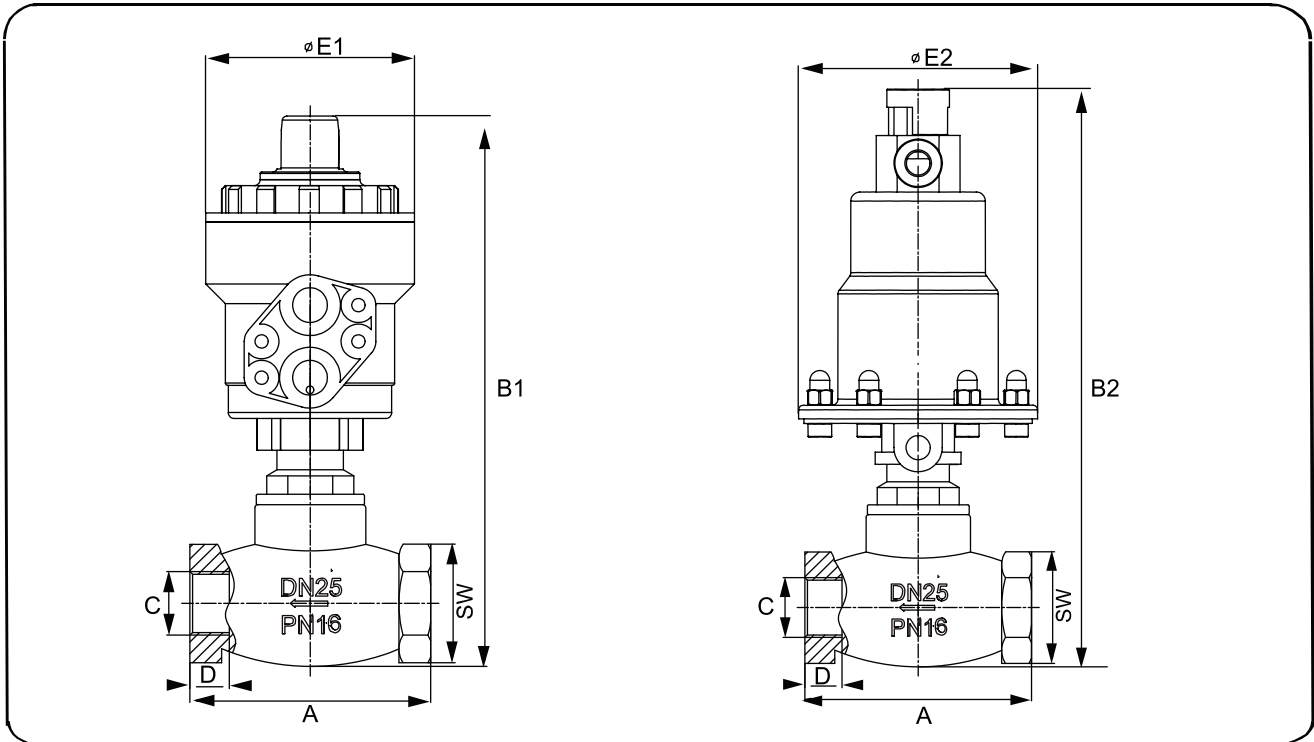
Solenoid Valve

SV1A	AX23-06/08 S.S parts	
SV1B		
SV1C		
SV2	3/2-way solenoid valve 3V1-06	
SV5	DX23-06/08 brass body	

◆ GV100 series Pneumatic Globe Control Valve DN15 -DN65

	Pic	Actuator Material/Function	Port range	Control Pressure	Working Pressure	Temp. of Medium	Temp. of Ambient	Body Material	Standard of Pipeline interface	Optional Accessories
GV100		PA(classic) with position indicator	DN15...DN65	3.5-7 bar	0-16Bar	-10 ~ +120°C	-10 ~ +60°C	304 / 316	G (DIN ISO228-1) NPT (ASME B 1.20.1) Rc (ISO7-1)	Pilot Valve/ Manual Override for Stroke Limiting
GV100PX		PX(NAMUR interface) with position indicator	DN15...DN65	2.0-5 bar	0-10 bar	-10 ~ +90°C	-10 ~ +60°C	Brass 58#-3	G (DIN ISO228-1) NPT (ASME B 1.20.1) Rc (ISO7-1)	Pilot Valve/ Manual Override for Stroke Limiting
GV100PR		PR(clean port) with position indicator	DN15...DN65	2.0-5 bar	0-10 bar	-10 ~ +120°C	-10 ~ +60°C	304 / 316	G (DIN ISO228-1) NPT (ASME B 1.20.1) Rc (ISO7-1)	Pilot Valve/ Manual Override for Stroke Limiting
GV100S		Stainless steel Actuator with position indicator (optional)	DN15...DN65	3.5-8 bar	0-10 bar	-10 ~ +120°C	-10 ~ +60°C	Gunmetal	G (DIN ISO228-1) NPT (ASME B 1.20.1) Rc (ISO7-1)	Pilot Valve/ Manual Override for Stroke Limiting
GV100SD		Stainless steel Actuator with position indicator (optional)	DN15...DN65	3.5-8 bar	0-16 bar	-10 ~ +180°C	-10 ~ +60°C	304 / Gunmetal	G (DIN ISO228-1) NPT (ASME B 1.20.1) Rc (ISO7-1)	Pilot Valve/ Manual Override for Stroke Limiting

◆ Dimentions [mm]



Port size	DN	Actuator	A	B1	B2	C	D	E1	E2	F1	F2	SW
1/2"	DN15	40	57	148	154	G1/2"	12	56	64	G1/8"	G1/8"	26
		50	57	161	167	G1/2"	12	69	79	G1/4"	G1/8"	26
3/4"	DN20	50	67	170	176	G3/4"	12	69	79	G1/4"	G1/8"	35
1"	DN25	50	72	173	179	G1"	12	69	79	G1/4"	G1/8"	42
		63	72	193	197	G1"	12	85	98	G1/4"	G1/8"	42
1 1/4"	DN32	63	85	212	216	G1 1/4"	16	85	98	G1/4"	G1/8"	50
1 1/2"	DN40	63	98	222	226	G1 1/2"	16	85	98	G1/4"	G1/8"	56
2"	DN50	63	112	233	237	G2"	22	85	98	G1/4"	G1/8"	68
		80/90	112	258	258	G2"	22	120	134	G1/4"	G1/4"	68
2 1/2"	DN65	80/90	138	265	265	G2 1/2"	22	120	134	G1/4"	G1/4"	84