

Globe Control Valve, Pneumatically Operated

Series GV300 (Right Angle Valve)



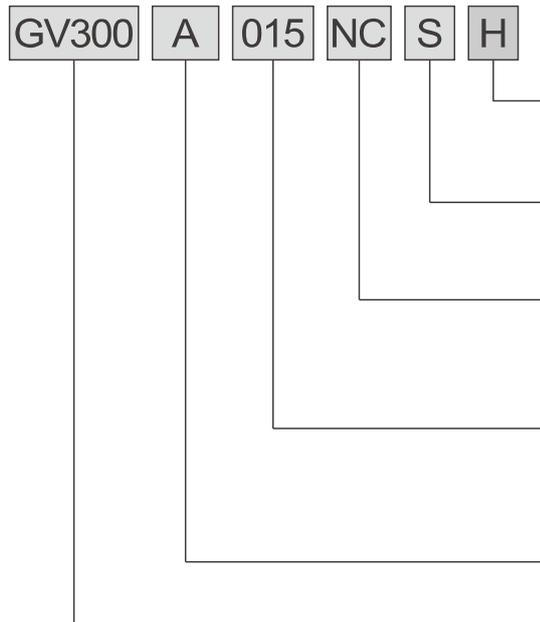
2/2-way Globe Control Valve, Pneumatically Operated, for medium up to +150° C, threaded port connection, DN 15-50

- Classic design, Long life cycle
- NC and NO is optional
- Structure in coaxial stop, leakage proof and high flow rate
- Saving energy

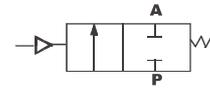
◆ How to Order



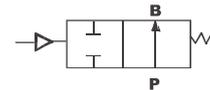
GV300A025NC



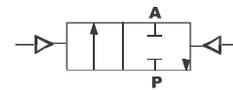
Symbol **Control function A**
(closed by spring force in rest position)



Control function B
(open in rest position)



Control function I
(double-acting actuator)



Sealing Require

H	High Temperature
Blank	Normal (standard)

Acting type

S	Single acting
D	Double acting (standard)

Control Function

NO	Normally open
NC	Normally closed (standard)
NA	Liberty state

Port Code

15	ZG1/2	20	ZG3/4
25	ZG1	32	ZG1 1/4
40	ZG1 1/2	50	ZG2

Style

A	Right Angle Stop Valve
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Model

GV300	Pneumatic Stop Valve
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Construction

Seal Material: PTFE (NBR, FKM and EPDM on request)

Liquid and gaseous media that do not attack the housing and seal materials

Media

Control Medium Air

Temperature range

Medium temperature: -10 to 80°C with NBR seal

Ambient temperature: -10 to 150°C (PTFE,FKM)

Standard Version: Aluminium actuator, S.S actuator on require

Applications

Food, packaging, petrochemical, metallurgican, spraying, vehicles, printing and dyeing machinery etc.;

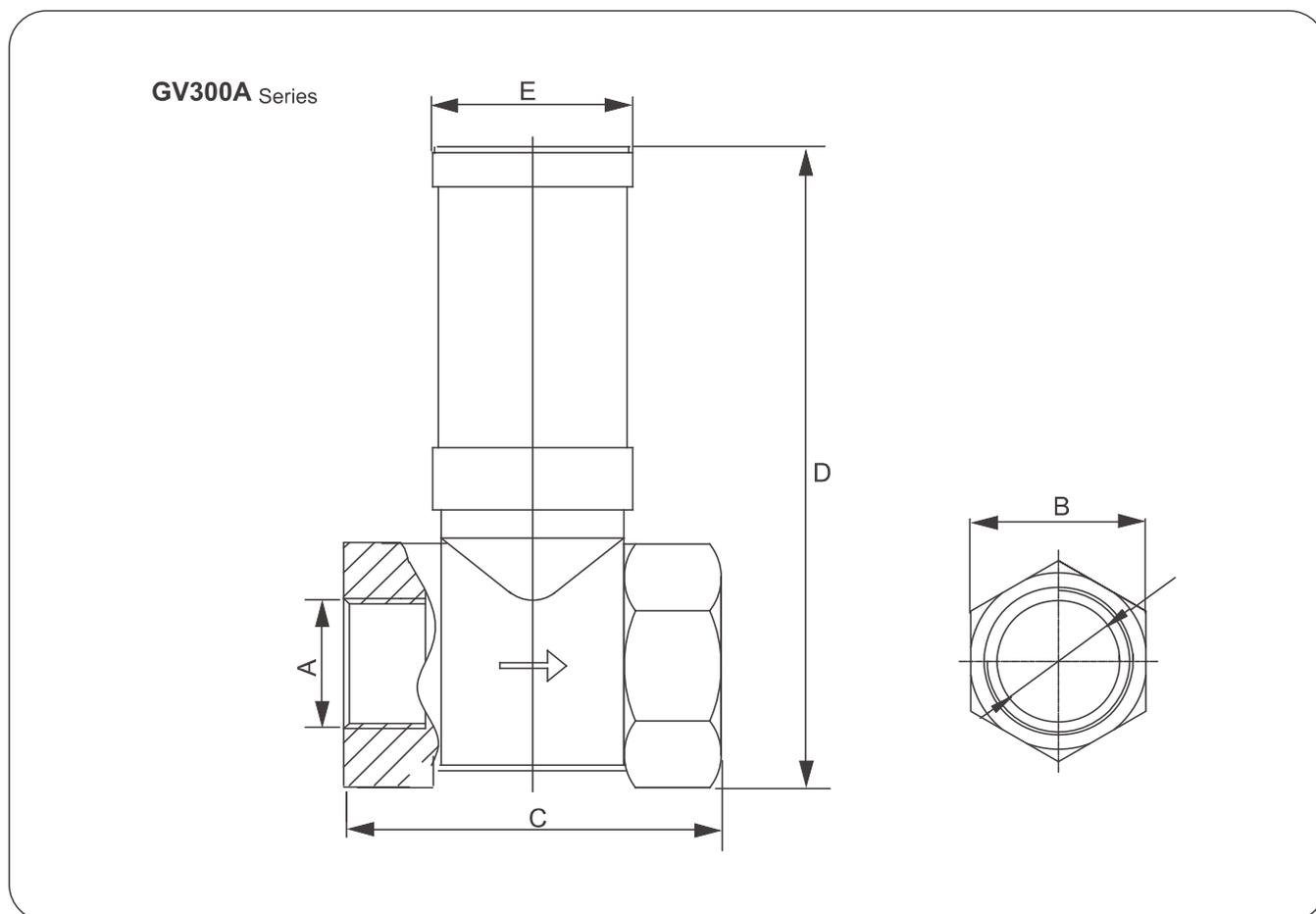
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◆ Specifications

Model Specification	Normally Closed	A015NC	A020NC	A025NC	A032NC	A040NC	A050NC
	Normally Open	A015NO	A020NO	A025NO	A032NO	A040NO	A050NO
Material of Body	Brass for body, Aluminium for stem and actuator						
Operating Method	Plunger Pilot						
Ambient and fluid	Air, Water, Oil, Liquefied gas, Free-running viscosity liquid						
Port size	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2	
Nominal Diameter mm	13	16	22	32	35	45	
Kv (m ³ /h)	4	5	10	20	25	40	
Pressure Range Mpa	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	
Min. Control Pressure Mpa	0.30	0.30	0.32	0.30	0.35	0.32	
Medium Temp.	NBR FOR -10~80°C and EPDM, VITON FOR -10~150°C						

◆ Dimensions [mm]



Port Size	DN (mm)	Actuator (mm)	A	B	C	D	E
1/2"	DN15	25	G1/2"	26	46	96	30
3/4"	DN20	32	G3/4"	32	54	108	37
1"	DN25	32	G1"	34	66	118	37
1-1/4"	DN32	40	G1-1/4"	53	80	162	45
1-1/2"	DN40	50	G1-1/2"	54	80	162	55
2"	DN50	63	G2"	66	105	180	68