



# Aseptomag® Valve Technology – Order Code

Aseptic Back-Pressure Valve GD


Position	Description of the order code		
1	Valve type		
	GD	Aseptic Back-Pressure Valve	
2	Nominal width <sup>1</sup>		
	DN 15	OD ¾"	ISO 17.2
	DN 25	OD 1"	ISO 21.3
	DN 40	OD 1 ½"	ISO 26.9
	DN 50	OD 2"	ISO 33.7
	DN 65	OD 2 ½"	ISO 42.4
	DN 80	OD 3"	ISO 48.3
	DN 100	OD 4"	ISO 60.3
			ISO 76.1
			ISO 88.9
3	Housing combination		
			
4	Hermetic sealing		
	KLF	Stainless steel bellow (standard)	
	PTFE	PTFE bellow	
5	Bellow execution (only applicable for KLF option)		
	–	Standard	
	3FW <sup>2</sup>	Reinforced	
6	Valve seat sealing (only applicable for KLF option)		
	OVSD	Without valve seat seal, metal-to-metal (not leakproof)	
	T <sup>3</sup>	Shrunk-on, TEFASEP®	
	PV <sup>3,4</sup>	Shrunk-on, PTFE reinforced (o-ring)	
	TRT	Divisble, TEFASEP®	
	TRPV <sup>4</sup>	Divisble, PTFE reinforced (molded seal)	
	TRE <sup>5</sup>	Divisble, EPDM (molded seal)	
7	Control cone characteristics <sup>6</sup> (only applicable for KLF option)		
	HK	Hemisphere	
8	Housing seal (o-ring)		
	S	Silicone (standard)	
	E	EPDM	
	F	FEP	

Fig. 1



Fig. 2



Fig. 3



Fig. 4



<sup>\*1</sup> ISO and other pipe connection standards upon request

<sup>\*2</sup> For applications with high static pressures and / or vibrations

<sup>\*3</sup> Available for valve sizes ≤ DN 50 resp. OD 2"

<sup>\*4</sup> For applications without sterilization cycles resp. with sterilization temperatures < 100°C

<sup>\*5</sup> Housing seal made of EPDM by default

<sup>\*6</sup> PTFE bellow without specific control cone contour

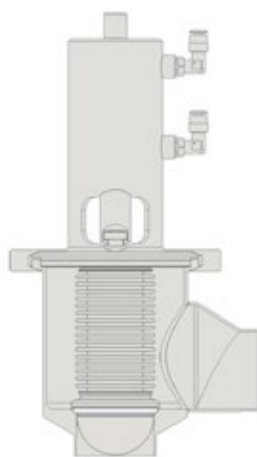
9	<b>Type of actuation</b>	
	PA LL    Pneumatic actuator, without specific fail-safe position (air closing / air opening)	
9a	<b>Dimensioning of the actuator</b>	
	<b>1      Maximum available air pressure</b>	<b>2      Required back-pressure at the valve seat</b>
	...      Parameter must be provided by the customer	...      Parameter must be provided by the customer
10	<b>Valve execution</b>	
	–      Valve according to EHEDG design guidelines (standard)	
	3A*7    Valve according to 3-A design guidelines	

The code is composed as follows, depending on the chosen configuration:

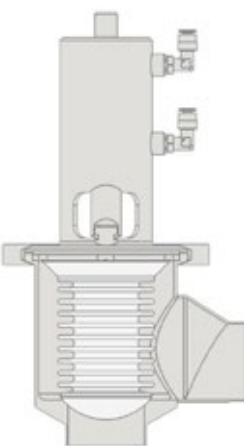
Position	1	2	3	4	5	6	7	8	9	9a	10					
Code	GD	-		-			HK		PA LL	<table><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr></table>	1		2		-	
1																
2																

Certificates and customized solutions available upon request.

Example of configuration  
GD-DN50-E-KLF/T/HK/S-PALL



Example of configuration  
GD-DN50-E-PTFE/S-PALL



\*7 Not applicable in combination with reinforced bellow (3FW)

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