



Aseptomag® Valve Technology – Order Code

Aseptic Double Chamber Valve DK





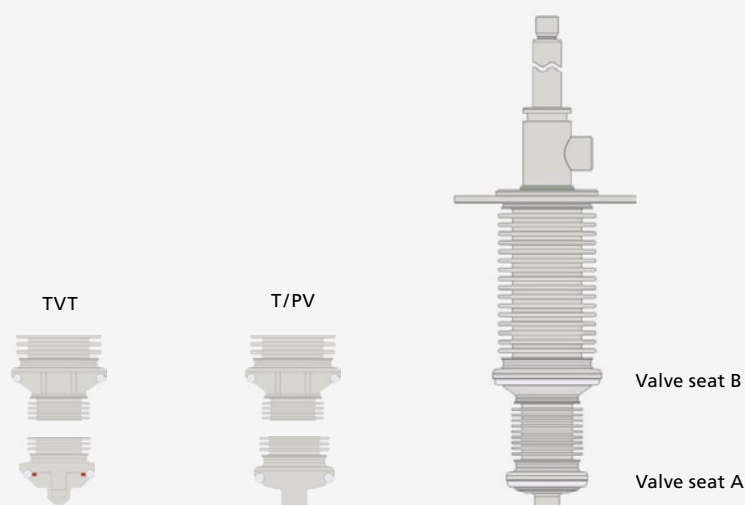
Position	Description of the order code		
1	Valve type		
	DK	Aseptic Double Chamber Valve	
2	Nominal width¹		
	DN 25	OD 1"	ISO 26.9
	DN 40	OD 1 ½"	ISO 33.7
	DN 50	OD 2"	ISO 42.4
	DN 65	OD 2 ½"	ISO 48.3
	DN 80	OD 3"	ISO 60.3
	DN 100	OD 4"	ISO 76.1
	DN 125	OD 6"	ISO 88.9
	DN 150		ISO 114.3
			ISO 139.7
3	Housing combination		
	E/E	E/T	T/E T/T
			 
4	Hermetic sealing		
	KLF	Stainless steel bellow	
5	Stainless steel bellow execution		
	–	Standard	
	3FW ²	Reinforced	
6	Valve seat sealing (valve seat A / valve seat B)		
	T	Shrunk-on, TEFASEP® / shrunk-on, TEFASEP® (standard)	
	PV ³	Shrunk-on, PTFE reinforced (o-ring) / shrunk-on, PTFE reinforced (o-ring)	
	TVT	Divisible, TEFASEP® / shrunk-on, TEFASEP®	
7	Housing seal (o-ring)		
	S	Silicone (standard)	
	E	EPDM	
	F	FEP	
8	Type of actuation⁴		
	PA NC	Pneumatic actuator, without seat lift, normally close NC (spring closing / air opening)	
	PA AZ	Pneumatic actuator NC, seat lift seat A (spring closing / air opening)	
	PA EA	Pneumatic actuator NC, seat lift seat A + B (spring closing / air opening) (standard)	

Fig. 1



¹ ISO and other pipe connection standards upon request

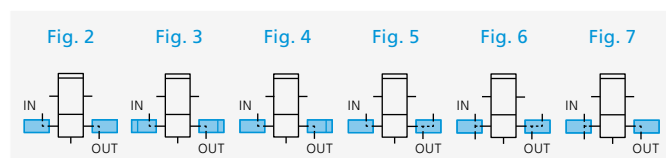
² Big stainless steel bellow reinforced, for applications with high static pressures and / or vibrations

³ For applications without sterilization cycles resp. with sterilization temperatures < 100 °C

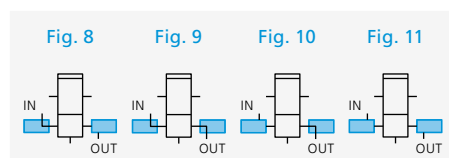
⁴ Actuator rating for closing pressures up to 5–6 bar by default, higher closing pressures available upon request

9	Side valve configuration*5		
	–	Hygienic shut-off valves, both sides (standard)	▶ See Fig. 2
	1	Aseptic shut-off valve with stainless steel bellow, both sides	▶ See Fig. 3
	2	Aseptic shut-off valve with PTFE bellow, both sides	▶ See Fig. 3
	3	Hygienic shut-off valve (inlet), aseptic shut-off valve with stainless steel bellow (outlet)	▶ See Fig. 4
	4	Hygienic shut-off valve (inlet), aseptic shut-off valve with PTFE bellow (outlet)	▶ See Fig. 4
	5*6	Hygienic shut-off valve (inlet), hygienic divert valve E/E (outlet)	▶ See Fig. 5
	6*6	Hygienic shut-off valve T (inlet), hygienic divert valve E/E (outlet)	▶ See Fig. 6
	7	Hygienic shut-off valve T (inlet), hygienic shut-off valve (outlet)	▶ See Fig. 7
10	Fail-safe position side valves (inlet valve / outlet valve)		
	1	NO / NC	▶ See Fig. 8
	2	NO / NO	▶ See Fig. 9
	3	NC / NO	▶ See Fig. 10
	4	NC / NC	▶ See Fig. 11
11	Side valve options		
	0	Without additional option	
	2	Outlet valve with integrated temperature probe with measuring transducer (4–20mA / 0–200 °C)	▶ See Fig. 12
	6	Outlet valve with integrated temperature probe without measuring transducer (PT100)	▶ See Fig. 12
12	Valve execution		
	–	Valve according to EHEDG design guidelines (standard)	
	3A*7	Valve according to 3-A design guidelines	

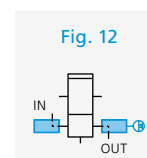
Position 10



Position 11



Position 12

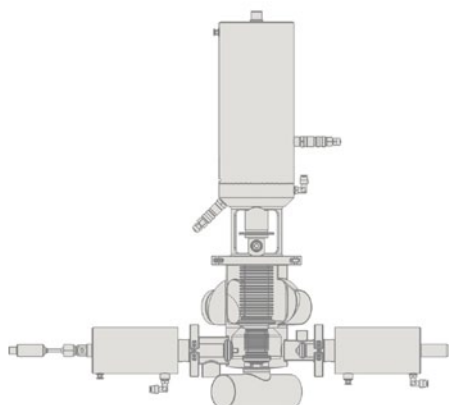


The code is composed as follows, depending on the chosen configuration:

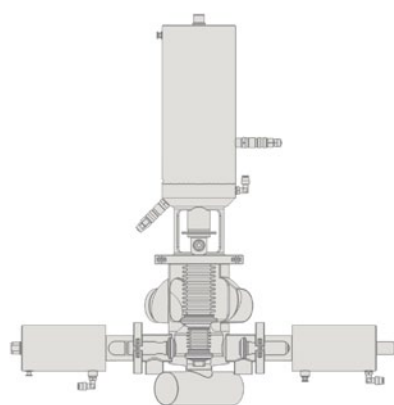
Position	1	2	3	4	5	6	7	8	9	10	11	12
Code	DK	–	–	KLF				–	–			–

Certificates and customized solutions available upon request.

Example of configuration
DK-DN50-T/T-KLF/T/S-PAEA-12



Example of configuration
DK-DN50-T/T-KLF/T/S-PAEA-10-3A



*5 Inlet and outlet DN 15 / OD ¾" (DN 25 / OD 1"); inlet DN 15 / OD ¾", outlet DN 25 / OD 1" (DN 40–100 / OD 1½"–4"); inlet and outlet DN 25 / OD 1" (DN 125–150 / OD 6"); housing configuration E, where not noted otherwise

*6 With this configuration, the temperature probe is integrated in the inlet valve (opposite to what is shown in Fig. 12)

*7 Inlet and outlet DN 15 / OD ¾" (DN 25 / OD 1"); inlet and outlet DN 25 / OD 1" (DN 40–150 / OD 1½"–6"); both connection ports point downwards; not applicable in combination with reinforced bellow (3FW)

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GEA Switzerland

GEA Aseptomag AG
Industrie Neuhof 28
3422 Kirchberg, Switzerland

Tel +41 34 4262929
Fax +41 34 4262928

flowcomponents@gea.com
gea.com