



Aseptomag® Valve Technology – Order Code

Aseptic Control Valve RV

Position	Description of the order code						
1	Valve type						
	RV Aseptic Control Valve						
2	Nominal width ¹						
	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						
	<div><div>E</div><div>T</div></div>						
4	Hermetic sealing						
	KLF Stainless steel bellow						
5	Stainless steel bellow execution						
	– Standard						
	3FW ² Reinforced						
6	Valve seat sealing						
	OVSD	Without valve seat seal, metal-to-metal (not leakproof)					▶ See Fig. 1
	T ^{*3}	Shrunk-on, TEFASEP®					▶ See Fig. 2
	PV ^{*3,4}	Shrunk-on, PTFE reinforced (o-ring)					▶ See Fig. 2
	TRT	Divisible, TEFASEP®					▶ See Fig. 3
	TRPV ^{*4}	Divisible, PTFE reinforced (molded seal)					▶ See Fig. 4
	TRE ^{*5}	Divisible, EPDM (molded seal)					▶ See Fig. 4
7	Control cone characteristics						
	GL	Equal-percentage, rangeability 1:25 (standard)					▶ See Fig. 5
	HK	Hemisphere					▶ See Fig. 6
8	Valve flow rate ⁶ (KVS in m³/h)						
	DN 15 / OD ¾"	DN 25 / OD 1"	DN 40 / OD 1 ½"	DN 50 / OD 2"	DN 65 / OD 2 ½"	DN 80 / OD 3"	DN 100 / OD 4"
	1.6	4.0	10.0	25.0	40.0	70.0	100.0
	2.5	6.3	16.0	40.0	63.0	100.0	160.0
	4.0	10.0	25.0	63.0	70.0		
9	Housing seal (o-ring)						
	S	Silicone (standard)					
	E	EPDM					
	F	FEP					

Fig. 1



Fig. 2



Fig. 3



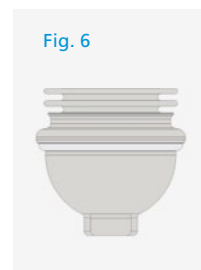
Fig. 4



Fig. 5



Fig. 6



^{*1} ISO and other pipe connection standards upon request

^{*2} For applications with high static pressures and / or vibrations

^{*3} Available for valve sizes ≤ DN 50 resp. OD 2"

^{*4} For applications without sterilization cycles resp. with sterilization temperatures < 100°C

^{*5} Housing seal made of EPDM by default

^{*6} Standard KVS values for each valve size in bold face. All other values require a reduced valve seat

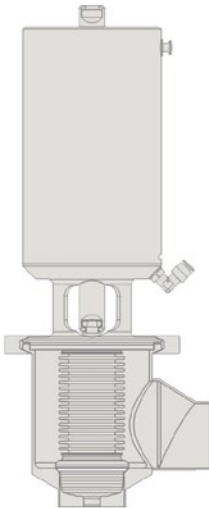
10	Type of actuation ^{*7}	
	PA NC	Pneumatic actuator, normally close NC (spring closing / air opening)
	PA NO	Pneumatic actuator, normally open NO (spring opening / air closing)
11	Valve execution	
	–	Valve according to EHEDG design guidelines (standard)
	3A ^{*8}	Valve according to 3-A design guidelines

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

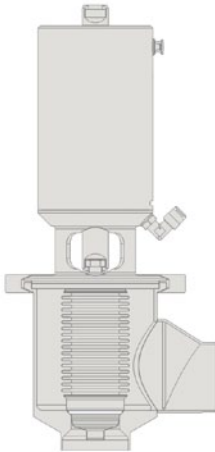
Position	1	2	3	4	5	6	7	8	9	10	11
Code	RV	–		–	KLF					–	

Certificates and customized solutions available upon request.

Example of configuration
RV-50-E-KLF/TRT/GL63/S-PANC



Example of configuration,
reduced valve seat
RV-50-E-KLF/TRT/GL25/S-PANC



^{*7} Actuator rating for closing pressures up to 5–6 bar by default, higher closing pressures available upon request

^{*8} Not applicable in combination with reinforced bellow (3FW)

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