



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						
		E	T					
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*
	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:

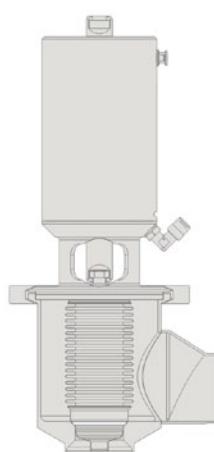
Position	1	2	3	4	5	6	7	8	9	10	11
Code	RV	-		-	KLF					-	

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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