COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
=ISO 9001/2000=

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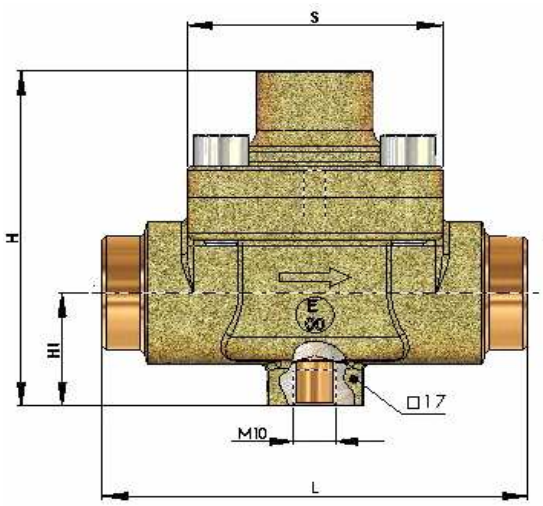
DIMENSIONS AND TECHNICAL CHARACTERISTICS OF CHECK VALVES

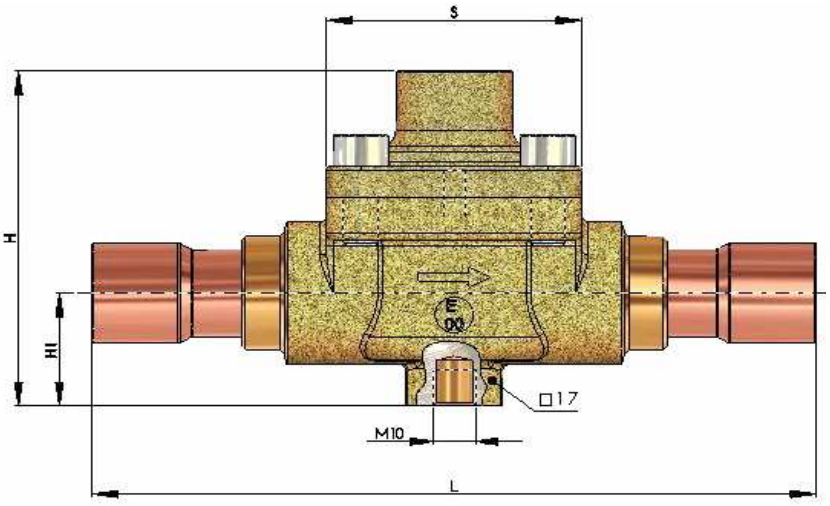
Type	Type of connection	Connections ODS Ø [in.]	Connections ODS Ø [mm]	Connections ODM Ø [in.]	Connections ODM Ø [mm]	Kv [m^3/h]	Minimum Opening Pressure Differential [bar]	TS [°C] min	TS [°C] max	PS [bar]	Dimensions [mm] H	Dimensions [mm] H_1	Dimensions [mm] L	Dimensions [mm] S	Weight [g]	Category 97/23/CE PED
CV2/M22	Directly to the body	-	22	1.1/8"	-	6,6	0,1	-35	160	45	84,5	28,5	100	60	1131	Art. 3.3
CV2/7		7/8"	-	1.1/8"	-										1128	
CV2/M28		-	28	1.3/8"	35	8,8									1041	
CV2/9		1.1/8"	-	1.3/8"	35										1032	
CV2/11		1.3/8"	35	1.5/8"	-	15,2					100	34	118	68	1500	
CV2/13		1.5/8"	-	2"	-	Under development					Under development					Cat. I
CV2/M42		-	42	2"	-											
CV2/17		2.1/8"	54	-	-											
CV4/7	With solder connections	7/8"	22	-	-	6,6	0,1				84,5	28,5	170	60	1236	Art. 3.3
CV4/M28		-	28	-	-	8,8							200		1210	
CV4/9		1.1/8"	-	-	-										1211	
CV4/11		1.3/8"	35	-	-	15,2					100	34	232	68	1740	
CV4/13		1.5/8"	-	-	-	Under development					Under development					Cat. I
CV4/M42		-	42	-	-											
CV4/17		2.1/8"	54	-	-											
CV4/21		2.5/8"	-	-	-											
CV4/25		3/1.8"	-	-	-											

APPLICATIONS: They are designed for installation on commercial refrigerating systems and on civil and industrial conditioning plants, which use fluids proper to the Group II, as defined in Article 9, Section 2.2 of Directive 97/23/EC, therefore not toxic, not inflammable and not explosive fluids; to this macro Group II belongs also the refrigerant fluids listed and classified L1 in Annex E of standard EN 378-1:2003. The particular construction of these valves, it concurs to install them in positions and particularly impegnative conditions in terms of temperature, as an example, on the discharge line close to the compressor.

CONSTRUCTION: The body and flange are manufactured in hot-forged brass EN 12420 -CW617N; the solder connections are in copper tube EN 12735-1-Cu-DHP; austenitic stainless steel AISI 301 for the spring; while the seat gasket is made in a special modified PTFE that it prevents any leaks. Aramide fibers for gasket between body and flange; this material is resistant to the high temperatures and it has approvals of DIN-DVGW acc. to DIN 3535, part 6 FA.



Type CV2



Type CV4