mato

EN | TECHNICAL DATA SHEET | rev. A

ST00002

UNIVERSAL CHECK VALVE

Features • art. 005kv

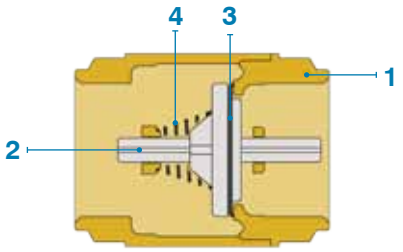
Min - max. acceptable temperature(peaks):
-20 °C *(see suitable fluids)* **– 175 °C**
Min - max. working temperature:
0 °C *(no frost)* **– 150 °C**
Opening pressure: **0,02 bar**
Max working pressure:
Art. 005kv
from 1/4" to 1" **35 bar**
from 1"1/4 to 2" **25 bar**
from 2"1/2 to 4" **12 bar**

Suitable fluyds: **water for heating installations, glycoled water (max 50%), sanitary water**
Installation's connections: **threaded connections ISO 228/1**
Test: **UNI EN12266-1 §A.3**

On request: versions with galvanic treatment

Materials • art. 005kv

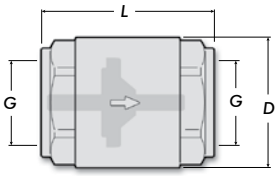
1 - Valve's body: Brass UNI EN 12165 CW617N
2 - Check valve: Ottone UNI EN 12165 CW614N(1/4"÷1/2")
Ottone UNI EN 12165 CW617N(3/4"÷4")
3 - Washers: Viton
4 - Spring: Stainless steel AISI 302



Approvals • art. 005

In accordance with D.M. 174
ACS approved version on request
(french standard for potable water)

Dimension



art. **005kv**

Aricle code	P	G	D	L	weight	N. P/B	N. P/C
005008000**kv**	35	1/4"	29	45	110	30	240
005010000**kv**	35	3/8"	29	45	94	30	240
005015000**kv**	35	1/2"	30	48	114	30	240
005020000**kv**	35	3/4"	37	53	177	18	144
005025000**kv**	35	1"	44	59	266	14	84
005032000**kv**	25	1"1/4	56	66	392	12	72
005040000**kv**	25	1"1/2	63	71	510	10	40
005050000**kv**	25	2"	78	80	834	6	36
005065000**kv**	12	2"1/2	104	93	1534	-	15
005080000**kv**	12	3"	121	104	2148	-	12
005100000**kv**	12	4"	156	119	3756	-	5

▸ *on request*

P: max pressure - Weight (grams) - N. P/B: number of pieces in box, plastic bag - N. P/C: number of pieces in carton