



Strojirenský zkušební ústav, s.p.
Engineering Test Institute, Public Enterprise
Hudcova 424/56b, 621 00 Brno, Czech Republic
Notified Body 1015

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1015-CPR-E-30-00137-14-rev. 1

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation - CPR), this Certificate applies to the

Construction products: **Ball valves for gas installations for buildings**

Maintenance-free ball valves for domestic and commercial not directly buried installations inside or outside of buildings, using gases of the first, second or third family specified in ČSN EN 437+A1:2009 and in installations in areas subject to regulations on reaction to fire and resistance to high temperature as per ČSN EN 1775 ed.2:2009. Manually operated valves, direct, full flow, gas flow closed and opened by rotating the closing member (a ball). The change from opened position to closed position requires a quarter turn. Operating fluid can flow in both directions. Maintenance-free ball valves, in case of a defect, replacement is necessary.

Pressure class: MOP 0.5 (max. operating pressure up to 0.05 MP). Temperature class: MOT -20 °C (ambient temperature from -20 °C to +60 °C).

Specification of products: see Page 2

Produced by the Manufacturer: **Kalde Klima orta basınç fittings ve valf sanayi A.Ş.**
Adnan kahveci mah. Büyükdere cad. No:20, -Beylikdüzü
34528 Istanbul, Turkey

Manufacturing plant: **Kalde Klima orta basınç fittings ve valf sanayi A.Ş.**
Adnan kahveci mah. Büyükdere cad. No:20, -Beylikdüzü
34528 Istanbul, Turkey

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 331:1998/A1:2010

under System 1 for the performances set out in this Certificate are applied and that the construction products fulfil all the prescribed requirements for these performances.

This Certificate was first issued on 2014-02-28 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction products and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

Basis of Certificate issuance: Final Report 30-11901 of 2014-02-28 and Amendment of Final Report 30-11901/30-12506 of 2014-08-22

Brno, 2014-08-22



Ing. Tomáš Hruška
Director

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Specification of the products – Basic technical data:

Type designation KALDE without lock mechanism:	3391-bgv- 0b0000	3391-bgv- 0c0000	3391-bgv- 100000	3391-bgv- 1a0000	3391-bgv- 1b0000	3391-bgv- 200000
Type designation KALDE with lock mechanism:	3391-bgv- 0b0001	3391-bgv- 0c0001	3391-bgv- 100001	/	/	/
Type designation OZENIS PLASTIK without lock mechanism:	0B.1255	0B.1257	0B.1260	0B.1262	0B.1263	0B.1264
Type designation OZENIS PLASTIK with lock mechanism:	0B.1256	0B.1258	0B.1261	/	/	/
Pressure class:	MOP 0.5					
Operating pressure range:	0-0.05 MPa					
Nominal size:	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
Medium type:	Gases of families 1, 2 and 3 acc. to EN 437+A1:2009					
Temperature class:	MOT -20 °C					
Operating temperature range:	-20 °C to +60 °C					
Reaction-to-fire class:	A1					
Resistance to high temperature:	Value of leak ≤150 dm ³ /h at 650°C after 30 minutes					
Materials:	- Body	Brass CW617N (CuZn40Pb2) EN 12165, nickel-plated				
	- Body-cover	Brass CW617N (CuZn40Pb2) EN 12165, nickel-plated				
	- Ball	Brass CW617N (CuZn40Pb2) EN 12164, nickel-plated				
	- Stem	Brass CW614N (CuZn39Pb3) EN 12164				
	- Ball seal	P.T.F.E. P5000				
	- Stem packing	2x O-ring - KNB 7001				
	- Lever	St37, galvanized, yellow PVC coating				
	- Nut	Steel, galvanized				
Connections:	Inside thread acc. to EN 10226-1:2004, R _p :					
1.	1/2	3/4	1	1 1/4	1 1/2	2
2.						
Operation:	Lever					
Construction:	Direct, two-piece body, sealed joint, ball and stem inserted from inside, stem packed with two O-rings					

