



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-30-00899-14-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:

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

The gas ball valves (hereinafter referred to as the ball valves) are intended for application in domestic and commercial buildings, not directly buried outdoor and indoor installations, using gases of the first, second and third family according to ČSN EN 437:2019 and for installations to which the fire-resistance requirements as per ČSN EN 1775 ed.2:2009 apply. The ball valves are manually operated, direct, full 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 through in both directions. The specified pressure class is MOP 0.5 and the temperature class is -20 °C. The ball valves are therefore intended for the maximum operating pressure of up to 0.5 MPa, at the ambient temperature from -20 °C to +60 °C.

Product types: **602122151, 602122152, 602122153, 602122154, 602122155,
602122156, 602122175, 602122176, 602122177**

Parameters of construction products: see Page 2

Marketed under the name or trademark of the Manufacturer: **Valf Sanayii A.S**
MOSB Kurtulus cd. N:1
45030 Manisa
Turkey

And produced at the Manufacturing plant: **Valf Sanayii A.S**
MOSB Kurtulus cd. N:1
45030 Manisa
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 have been applied and that the production control at the manufacturing plant ensures the stability of the properties of the construction product.

This Certificate was first issued on **2013-06-28** as a Certificate pursuant to CPD, and will remain valid as long as the harmonized standard, the construction product, assessment and verification procedures for constancy of performance and the manufacturing conditions at the place of manufacture do not change significantly, unless suspended or withdrawn by the product certification body.

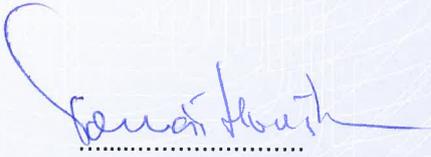
Basis of Certificate issuance: Final Report 30-13551/MZ of 2020-09-30

Brno, 2020-09-30

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Ing. Tomáš Hruška
Director

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Basic technical data:

Type designation without lock mechanism:	602122151	602122152	602122153	602122154	602122155	602122156
Type designation with lock mechanism:	602122175	602122176	602122177	---	---	---
Pressure class:	MOP 0.5					
Operating pressure range:	0-0.05 MPa					
Nominal diameter:	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
Medium type:	Gases of families 1, 2 and 3 according to EN 437:2019					
Temperature class:	-20 °C					
Operating temperature range:	-20 °C to +60 °C					
Reaction-to-fire class:	A1					
Resistance to high temperature:	Value of leak $\leq 150 \text{ dm}^3/\text{h}$ at 650°C after 30 min					
Materials:	- Body	Brass CW617N (CuZn40Pb2) EN 12165, chromium-plated				
	- Body – cover	Brass CW617N (CuZn40Pb2) EN 12165, chromium-plated				
	- Ball	Brass CW617N (CuZn40Pb2) EN 12165, nickel-plated				
	- Stem	Brass CW614N (CuZn39Pb3) EN 12164				
	- Ball seal	P.T.F.E. G 200				
	- Stem packing	2x O-ring – rubber O1/D80 NBR (HBR 80±5 SHORE A)				
	- Lever	Steel, galvanized, yellow PVC coating				
- Nut	Steel, galvanized					
Connections:	Inside thread according to ČSN EN 10226-1:2005, 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					

