

DECLARATION OF PERFORMANCE

n. DoP-6543.002-EN

A. [1-2]¹ Identification code of the product:

Manually operated ball valve full bore, in copper alloy, with butterfly handle, from DN ½" to DN 2", art. 6152.24.00.xxx, male threaded and mechanical PE connection (M-PEØ).

On product packaging there is a label with an 8 digits batch number, which allows the identification for the traceability in the production records.

B. [3]¹ Intended use of the construction product:

Manually operated ball valve for transport, distribution and storage of gases of the first, second and third family according to EN 437, with operating pressure up to 5×10^5 Pa (MOP5 Bar) and temperature from -20°C to 60°C, intended for domestic and commercial systems, installed inside or outside of the buildings, but not directly buried.

C. [4-5]¹ Name and address of the manufacturer:

GREINER S.p.A. Via Montesuello, 212 - 25065 LUMEZZANE (BS) Italy

D. [6-7-8]¹ Assessment and verification of constancy of performance of the construction product:

The Notified Body N.0407 carried out the Initial Type Testing on representative product of the family code 6548.95 according to the harmonized Standard UNI 331:2011² according to the Attestation of Conformity System 3 and released the Test Report N. 319067/8720/CPR.

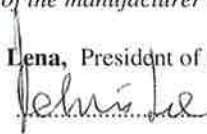
E. [9]¹ Declared performance:

Essential characteristics	Paragraph	Harmonised Standard	Declared Performance
Pressure Class	4.1	UNI EN 331: 2011 ²	MOP 5
Temperature Class	4.2		-20 °C
Reaction to Fire	6.6		NPD ³
Dimensional tolerances	5.3		Pass ⁴
Leak-Tightness	6.2 - 7.2		Pass
Effectiveness – Rated flow rate	6.3 - 7.3		Pass ⁴
Resistance to high temperature	5.7		NPD ³
Mechanical strength – Torque and bending	6.5 - 7.5		Pass ⁴
Mechanical strength – Operating torque	6.4 - 7.4		Pass
Stop resistance	6.8 - 7.8		Pass
Release of dangerous substances	6.9		NPD ³
Durability – Endurance	6.7.1 - 7.6.1		Pass
Durability – Resistance to low temperature	6.7.2 - 7.6.2		Pass
Durability – Salt spray resistance	5.1.3 - 7.6.3		Pass
Durability – Resistance to humidity	5.1 - 7.6.4		Pass
Angular seal	5.2.7 - 7.7	Pass	

F. [10]¹ The performance of the product identified in point A is in conformity with the declared performance of point E. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point C.

Signed in the name and behalf of the manufacturer: **Eng. Roberto Lena**, President of Company Greiner S.p.A.

Lumezzane, 01/04/2015



¹ The indication stated in bracket corresponds to the numbering of the Annex III of the Regulation (EU) 305/2011

² The Standard is the transposition of the European Standard EN 331:1998 / A1:2010, harmonized standard according to Directive 89/106/CEE (CPD - Construction Products Directive) and pending review following harmonization to the Regulation (EU) 305/2011 (CPR - Construction Products Regulation)

³ NPD = no performance determined

⁴ Where applicable, according to the connection type of the valve