

## Hydrogen Declaration

Declaration-no.: **20H2-6D**

Revision: **B**

**Subject: Side entry bolted body floating ball valves; side entry bolted and welded body trunnion mounted ball valves; top entry trunnion mounted ball valves – Standard and modular DBB design – API 6D**

We TIV Valves srl, with registered office in Rescaldina (MI) – Via Fratelli Rosselli, 17, and part of Pietro Fiorentini group, declare under our sole responsibility that **the products in subject are suitable for operations with 20 Mol% hydrogen content in natural gas.**

Operating conditions:

Maximum allowable working pressure [bar]	<b>255*</b>
Allowable working temperature range [°C]	<b>-29 to +150**</b>

\*Limited by valve pressure rating

\*\*With special design the range may be extended upon request

This declaration is based on the current state of the art and within the framework of sound engineering practice as well as on tests performed by TIV Valves and Pietro Fiorentini on used materials, according to international standards available today. No liability can derive from that. The proper material selection is performed by TIV Valves upon specific request for hydrogen blending service.

This declaration only applies to products that were produced after the creation date of this manufacturer's declaration.

The use of the product is subject to country specific regulations.

Rescaldina, 18/01/2022

TIV Valves srl

*Alessandro Panichella*  
Technical & R&D manager

