

Concesio, li 30/05/2022

DECLARATION OF CONFORMITY

DECLARATION OF CONFORMITY TO PRESSURE REQUIREMENTS OF NORM EN331:2015

1. Product manufacturer: **ENOLGAS Bonomi S.p.A. , Via Europa n°227, 25062 Concesio (BS) – ITALY**
2. Product name: **TOPGAS** Code: **R1107S06- 04-20-0020-08**
Description: **TOPGAS Ball valve M/M 1"**
3. Application of the product: **GAS INSTALLATIONS**
4. Purpose and scope of the construction product: **The valves TOPGAS is used in hydraulic, hot and cold water, compressed air, oils and non aggressive fluids – for GAS I, II, III Family GPL Directive EN 331.**
5. Specifications: **Conformity to pressure requirements of European Norm for Gas Pressure Directive EN331.**
6. **Technical specification of the construction product:**

Body, End Adapter, Ball:	CW617N UNI EN 12165 DIN 50930/6 UBA List
Stem:	CW614N UNI EN 12164 DIN 50930/6 UBA List
Ball gaskets, Thrust washer:	P.T.F.E.
O-rings :	HNBR Certificate EN 549
Lever:	Zinc-plated, PVC insulated
Self locking nut:	Zinc-plated steel
Grease:	Grease L100
Seal:	Loctite 2701
7. Specifications: **The valves can also be used for natural gas with pressure limits MOP 5-20 and respecting the temperature limits of -20°C to +60°C. Standard male thread according to UNI ISO 228/1.**
8. Test specifications
All the TOPGAS valves are subjected to a pneumatic leakage test. This test is performed in our production line using a pneumatic tester. The valves are filled in with Air pressure from 5 to 10 bars (depending to the machined used for installation). This operation is performed closing the valve with two lateral caps connected to a pressure transducer putting the right quantity of Air pressure inside the valve. The pressure remains inside the valves for min. 5 minutes. After that period the valves comes to the testing unit.
The valves are closed with lateral caps and the pressure transducer is checking if the quantity of air remaining inside the valve is in the leakage rates requested by the pressure directive EN 331:2015 which is 20 cc/hour. If the valves are not respecting that testing parameter, are rejected and cannot continue on the chain where we mount the levers.

Enolgas Bonomi S.p.A.
Servizio Assicurazione Qualità
Qualità Assurance Service
Thomas Guerini


ENOLGAS BONOMI
Servizio Qualità