

**Unique identification code of the product-type:**  
**VENUS - VENUS TEST GAS - VENUS COUNTER - VENUS GIRELLO**

**Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification:** **Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings ( Gas family: 1, 2, 3 )**

**Name and contact address of supplier:**  
**EFFEBI Spa**  
**Via Verdi 68 , 25062 Bovezzo ( BS) ITALY**

**System or systems of assessment and verification of constancy of performance of the construction product as set on in Annex V:** **System 3**

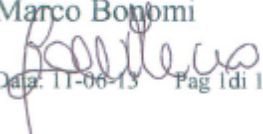
**Type test Report:** **DBI-Gastechnologisches Institut gGmbH Freiberg DVGW-Prüflaboratorium Energie**  
 Halsbrücker Strasse 34 09599 Freiberg, Germany Notified Body number : 1721

**Covered by harmonized standard:** **EN 331:1998 A1:2010**

**Declared performances:**

Essential characteristics	Performance	Harmonized technical																																				
Nominal size:	<b>DN08 to DN 50</b>	<b>EN 331:1998 A1:2010</b>																																				
Dimensional tolerances	<b>pass</b>																																					
Range of temperature	<b>-20°C +60°C</b>																																					
Pressure Class:	<b>MOP5 (in Germany) and MOP5-20 ( in Others Countries)</b>																																					
Internal Pressure: - pressure classes; - leak-tightness	<b>&lt; 20 cm3/h</b>																																					
Tightness (gas): - leak-tightness	<b>&lt; 20 cm3/h</b>																																					
Effectiveness: - rated flow rate	Min Rated Flow Rate: <table border="1"> <thead> <tr> <th></th> <th>DN</th> <th>6</th> <th>8</th> <th>10</th> <th>12</th> <th>15</th> <th>20</th> <th>25</th> <th>32</th> <th>40</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>straight</td> <td>(m<sup>3</sup>/h)</td> <td>1</td> <td>2</td> <td>3</td> <td>3,5</td> <td>5</td> <td>10</td> <td>16</td> <td>27</td> <td>40</td> <td>65</td> </tr> <tr> <td>angle</td> <td>(m<sup>3</sup>/h)</td> <td>-</td> <td>-</td> <td>2</td> <td>2,5</td> <td>3,5</td> <td>6</td> <td>10</td> <td>18</td> <td>28</td> <td>36</td> </tr> </tbody> </table>			DN	6	8	10	12	15	20	25	32	40	50	straight	(m <sup>3</sup> /h)	1	2	3	3,5	5	10	16	27	40	65	angle	(m <sup>3</sup> /h)	-	-	2	2,5	3,5	6	10	18	28	36
	DN		6	8	10	12	15	20	25	32	40	50																										
straight	(m <sup>3</sup> /h)		1	2	3	3,5	5	10	16	27	40	65																										
angle	(m <sup>3</sup> /h)		-	-	2	2,5	3,5	6	10	18	28	36																										
Resistance to high temperature if required by national regulations	<b>NPD -- CAN NOT and SHOULD NOT be used where it is required the resistance at high temperatures.</b>																																					
Mechanical strength (for gas networks): - torque and bending - operating torque	<b>pass</b>																																					
Safeguard against overloading of handle (for gas networks): - stop resistance	<b>pass</b>																																					
- edurance;	<b>pass</b>																																					
- resistance to low temperature;	<b>pass</b>																																					
- salt spray resistance	<b>NPD</b>																																					

Conformity CE Certificate was first issued in 2013

Bovezzo, 11-06-2013  
 Direzione Generale  
 Marco Bonomi  
  
 Data: 11-06-13 Pag 1di 1