

Pessano, January 14<sup>th</sup> 2021

## MANUFACTURER DECLARATION – Vibration Absorbers

We, CASTEL, hereby declare that the following products suitable for using with refrigerant fluids proper to the Group 2, as defined in the Article 13 - Section 1.b of the Directive 2014/68/EU and referred to the Regulation (EC) n° 1272/2008:

Product description: Vibration absorber for refrigerating system

- Hose material: stainless steel EN 10028-7 – 1.4541
- Braid material: stainless steel EN 10088-3 – 1.4301
- Fitting material: stainless steel EN 10088-1 – 1.4305
- Connection material: copper EN 12735-1 – Cu-DHP

Applied Standard : EN 1736

| Catalogue Nr. | Connections |        | DN | Length<br>[mm] | Weight<br>[g] | Working pressure (PS),<br>depending on temperature [bar] |          |         | Risk<br>Category<br>according<br>to PED |
|---------------|-------------|--------|----|----------------|---------------|--|----------|---------|---|
|               | ODS         |        |    |                |               | -80 /<br>+100 °C   | + 120 °C | +140 °C |   |
|               | [mm]        | [inch] |    |                |               |  |          |         |   |
| 7690/3        | -           | 3/8    | 10 | 230            | 91            | 45   | 44       | 43,5    | Art. 4.3                                |
| 7690/M10      | 10          | -      | 10 |                | 98            |  |          |         |   |
| 7690/M12      | 12          | -      | 12 |                | 122           |  |          |         |   |
| 7690/4        | -           | 1/2    | 12 |                | 120           |  |          |         |   |
| 7690/M15      | 15          | -      | 16 | 190            |               |  |          |         |   |
| 7690/5        | 16          | 5/8    | 16 | 200            |               |  |          |         |   |
| 7690/M18      | 18          | -      | 16 | 180            |               |  |          |         |   |
| 7690/6        | -           | 3/4    | 16 | 180            |               |  |          |         |   |
| 7690/7        | 22          | 7/8    | 20 | 290            | 317           |  |          |         |   |
| 7690/M28      | 28          | -      | 25 | 330            | 380           |  |          |         |   |
| 7690/9        | -           | 1.1/8  | 25 |                | 416           |  |          |         |   |
| 7690/11       | 35          | 1.3/8  | 32 | 375            | 846           |  |          |         |   |

have characteristics below or equal to the limits set out in points (a), (b) and (c) of paragraph 1 and 2 of the Article 4, Directive 2014/68/EU; in fact all the listed products have a nominal size “DN” below or equal to 32. For this reason these products must satisfy the following requirements, listed in the Article 4 , paragraph 3:

- They are designed and manufactured in accordance with a sound engineering practice of a Member State in order to ensure safe use.
- They are accompanied by adequate instructions for use
- They bear markings to permit identification of the manufacturer
- They don't bear CE marking referred to in Articles 18 and 19
- They are not accompanied by a “Declaration of Conformity” to Directive 2014/68/EU referred to in Article 17 and Annex IV

**CASTEL S.r.l.**

**Technical Director**  
*Giorgio Monaca*