

DECLARATION BY THE MANUFACTURER
ORIGINAL



Manufacturer's declaration on the new version of the First General Administrative Regulation on the Federal Immission Control Act (technical instructions on air quality control - TA Luft)

We, ARCA Regler GmbH, hereby certify that the products listed below have been tested and approved in accordance with the measurement, testing and qualification procedures for fugitive emissions - Part 1: classification system and qualification procedures for type testing of valves.

Scope of validity:

- o ECOTROL® - valves of the 8C and 6N series
- o Nominal size DN 15 - 400; NPS ½" - 16"
- o Nominal pressure range PN 10 - 40; ANSI Class 150-300

We hereby declare that the named products, shaft seal consisting of V-rings with additional fine sealing element and static body gasket, are suitable for use in accordance with DIN EN 15848-1. The tests were carried out using helium as the test medium.

Performance category: **ISO FE BH - CC3 - SSA 0 - t200°C - (51/51) - ISO 15848-1**

ISO FE Test for fugitive emissions
BH Tightness class - housing seal ≤ 50 [ppmv] and stem seal $\leq 1.78 * 10^{-6}$ [mbar*l/(s*mm)]
CC3 100,000 number of switching cycles with 4 temperature cycles
SSA 0 No readjustment of the shaft seal
t200°C Temperature Class RT up to 200°C
51/51 Test pressure 51 bar, Class 300

Manufacturer: ARCA Regler GmbH, Kempener Strasse 18, 47918 Tönisvorst, Germany

Tönisvorst, 29.01.2024

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i.V. N. Dicks
Head of Design and Development

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Quality Assurance Manager

This declaration certifies the conformity to the specified directives but contains no assurance of properties. The safety instructions accompanying the product shall be considered in detail.