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Test Report

“Type Tests (TT) on Cartridge Check Valves with a Polymer Housing referring to EN 13959 and EN 61770 Z.2 “

Short Title: TT – Check Valves - EN13959 and EN 61770



Test Report No.: V208/22

Order No.: 402302084

Issued by Department Pipe Systems

Laboratory for Pipe System Testing

Recognised test laboratory of DVGW, DIN CERTCO and DIBt

The recognitions are valid for the test methods stated in the attachments of certificates of approval
DVGW LW-BU0023, DIN CERTCO PL121 and DIBt SAC 08

Test Report

TT – Check Valves - EN13959 and EN 61770

Test Report No.: **V208/22**



Test Specimen: Single and double cartridge check valve with polymer housing and different connections
Series: RU_31KIT_xx
Dimensions: DN 20
Pressure class: PN 10
Types: *detailed explanations see item 3*

Customer: RPE S.r.l. Solenoid valves
Via S. Ambrogio 1/3/5
22070 Carbonate (CO) - Italy

Order of the Customer: E-mail from 25.05.2022

Test Laboratory: IMA Materialforschung und Anwendungstechnik GmbH
Wilhelmine-Reichard-Ring 4, 01109 Dresden
Laboratory for Pipe System Testing
Am Lagerplatz 4, 01099 Dresden

Test Specimen received on: 06.07.2022

Test Period: July 2022 until September 2022

Test Result: The cartridge check valves with polymer housing fulfils the mechanical requirements referring to EN 13959 and EN 61770 Z2, except single CV at flow.

Person in Charge: Hartmut Rönsch

Distribution List: 1 x RPE S.r.l.
1 x IMA Dresden

Authorized.
Dresden, 20 October 2022
IMA Materialforschung und
Anwendungstechnik GmbH

A handwritten signature in blue ink, appearing to read 'CDietze'.

Dipl.-Ing. (BA) Carsten Dietze
Deputy Head of Department Pipe Systems

The test results refer exclusively to the specimen under test.
Rounded measurement or calculation values are based on the rule according to ISO 80000-1 Appendix B, Rule B.
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