



valid until: January 14, 2031

Fraunhofer

TESTED[®] DEVICE

Bosch Rexroth AG
TS 1 48V

Report No. BO 2512-1695

Single product Particle Emission in Cleanroom (atmospheric)

Qualification Certificate

This is to certify that the product mentioned above, provided by

Bosch Rexroth AG
Stuttgart, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number BO 2512-1695.

The Transfer System TS 1 48V (color: silver) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature: 22 °C ± 0.5 °C; relative humidity: 45 % ± 5 %), it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Classes according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
v ₁ = 6 m/min (BS + EQ); v ₂ = 18 m/min (curve) belt: old	6
v ₁ = 6 m/min (BS + EQ); v ₁ = 6 m/min (curve) belt: old	5
v ₁ = 6 m/min (BS + EQ); v ₁ = 6 m/min (curve) belt: new	6
Overall result	6

Please note: Transport damages, incorrect installation, oil leakage, aging behavior, corrosion etc. can influence the test result.

BO 2512-1695
Report No. first document

Stuttgart, January 14, 2026
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

DUPLICATE

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under www.tested-device.com.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.