



Fraunhofer

TESTED[®] DEVICE

Bosch Rexroth AG
Hinge Al 3842544531
Report No. BO 2112-1289

Single product Particle Emission

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 2112-1289.

The HINGE AL 45/45 3842544531 was assessed in compliance with ISO 14644-14. When operated under the specified test conditions, 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
Cycles: 1/min Installation position: horizontal	4
Cycles: 1/min Installation position: vertical	4
Overall result	4

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

BO 2112-1289
Report No. first document

Stuttgart, April 13, 2022
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, Project Manager Fraunhofer IPA

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.