



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.

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.

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