



valid until: January 18, 2028

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

TOX Pressotechnik  
EXe-K 030.555.300.002  
Report No. TO 2211-1362

### Single product Particle Emission

DUPLICATE

### Qualification Certificate

This is to certify that the product mentioned above, provided by  
**TOX PRESSOTECHNIK GmbH & Co. KG**  
Weingarten, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number TO 2211-1362.

The EXe-K 030.555.300.002 ElectricPowerDrive (material:  
Aluminum anodized) 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
$v_{max} = 280 \text{ mm/s}; v_{min} = 15 \text{ mm/s}$ Depth of immersion into elastomer = 4.80 mm; Pressing force = 6 kN	5
$v_{max} = 280 \text{ mm/s}; v_{min} = 15 \text{ mm/s}$ Depth of immersion into elastomer = 7.73 mm; Pressing force = 10 kN	4
$v_{max} = 280 \text{ mm/s}; v_{min} = 15 \text{ mm/s}$ Depth of immersion into elastomer = 12.72 mm; Pressing force = 15 kN	5
<b>Overall result</b>	<b>5</b>

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

TO 2211-1362  
Report No. first document

Stuttgart, January 18, 2023  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 

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](http://www.tested-device.com).

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