

EU Declaration of conformity

EMC Directive 2014/30/EU

RoHS Directive 2011/65/EU

The manufacturer

Interroll Trommelmotoren GmbH
Opelstraße 3
D-41836 Hueckelhoven/Baal
Germany

hereby declares that the “incomplete machine”

- Drum motor DM 0080; DM 0113; DM 0138; DM 0165; DM 0217

conforms to the applicable provisions and the associated CE marking in accordance with the aforementioned Directives.

List of the coordinated standards that have been applied:

EN ISO 12100:2010

EN 60204-1:2018

EN IEC 63000:2018

Declaration of incorporation

EC Machine Directive 2006/42/EC

In addition to the information specified above, the manufacturer declares that:

The health and safety requirements have been applied in accordance with Annex I (1.1.2, 1.1.3, 1.1.5, 1.2.6, 1.3.2, 1.3.4, 1.3.9, 1.5.1, 1.5.4, 1.5.5, 1.5.6, 1.5.8, 1.5.9, 1.5.10, 1.5.11, 1.6.1, 1.6.4, 1.7.1, 1.7.1.1, 1.7.2, 1.7.3, 1.7.4, 1.7.4.2). The relevant technical documentation has been compiled in accordance with Annex VII B and has been passed on to the relevant authorities where applicable.

The commissioning of the incomplete machine is prohibited until the conformity of the overall machine/system in which it is installed with the EC Machinery Directive has been declared.

Authorised for compiling technical documentation:

Interroll Trommelmotoren GmbH, Opelstraße 3, D-41836 Hueckelhoven/Baal



Nico Schmidt

Product Compliance Counsel – Interroll Trommelmotoren GmbH
Hueckelhoven/Baal, 05.07.2023

CERTIFICATE OF COMPLIANCE

Certificate Number E175134
Report Reference E175134-20180215
Issue Date 2020-AUGUST-20

Issued to: INTERROLL Holding GMBH
Opelstrasse 3
41836 Hueckelhoven GERMANY

**This certificate confirms that
representative samples of**

COMPONENT - MOTORS FOR APPLIANCE
APPLICATIONS

See addendum page for Models

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.


Standard(s) for Safety: UL 1004-1 - Rotating Electrical Machines – General Requirements,
CSA C22.2 No. 100 - Motors and Generators.

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Recognized Component – Class A and Class F Insulated Motors models listed below:

Class A Insulated, rated Ambient 40°C With Oil:

DM0080 Synchronous,
DM0080 Asynchronous, 3~ Phase,
DM0113 Synchronous.

Class A Insulated, rated Ambient 25°C With Oil:

DM0113 Asynchronous, 3~ Phase,
DM0138 Asynchronous, 3~ Phase,
DM0138 Synchronous,
DM0165 Asynchronous, 3~ Phase,
DM0217 Asynchronous, 3~ Phase.


Class F Insulated, rated Ambient 40°C Without Oil:

DM0080 Synchronous

DP0080 Asynchronous, 3~ Phase,
DP0089 Asynchronous, 3~ Phase,
DM0113 Synchronous, 3~ Phase,
DM0138 Synchronous.

Class A Insulated, rated Ambient 40°C With Oil – Air Over:

DM0080 Asynchronous, 1~ Phase,
DM0217 Asynchronous, 3~ Phase.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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RoHS – Information

regarding EU Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE) (RoHS)

The manufacturer / supplier

Interroll Trommelmotoren GmbH
Opelstraße 3
41836 Hueckelhoven/Baal
Germany

hereby declares that our products comply with substance restrictions according to Annex II of the above mentioned directive (incl. Delegated Directive (EU) 2015/863).

Substances	Maximum concentration by weight in homogeneous materials
Lead	0,1 %
Mercury	0,1 %
Cadmium	0,01 %
Hexavalent chromium	0,1 %
Polybrominated biphenyls (PBB)	0,1 %
Polybrominated diphenyl ethers (PBDE)	0,1 %
Bis(2-ethylhexyl) phthalate (DEHP)	0,1 %
Butyl benzyl phthalate (BBP)	0,1 %
Dibutyl phthalate (DBP)	0,1 %
Diisobutyl phthalate (DIBP)	0,1 %

Exemptions listed in Annex III of the RoHS directive apply!



Nico Schmidt
Product Compliance Counsel – Interroll Trommelmotoren GmbH
Hueckelhoven/Baal, 25.05.2023

REACH – Information

in accordance with Regulation No. 1907/2006/EC for
Registration, Evaluation, Authorisation and Restriction of
Chemicals (REACH)

The manufacturer / supplier

Interroll Trommelmotoren GmbH
Opelstraße 3, 41836 Hueckelhoven/Baal
Germany

**hereby declares that we comply
with all obligations under the
REACH Regulation**, including all
information obligations in the supply chain
and provide the necessary information.

Information obligation under Article 33.1 REACH:

As a supplier of articles, we are obliged
to provide information if a so-called
candidate substance (substance of
very high concern (svhc)) is present in a
concentration of more than 0.1% by mass
in our article or in an article used in our
article.

We are in constant dialogue and exchange
of information with our suppliers, in
particular when expanding the candidate
list we take into account the interpretation
of the ECJ ruling C106-14 regarding the
reference value of 0.1%: ECJ 106-14.

www.echa.europa.eu/candidate-list-table

Status: June 2023

Based on information from our suppliers, this
applies to the following substance:

- Lead (CAS No. 7439-92-1), which is,
however, only used for purposes for which an
exemption in Annex III of the RoHS Directive
2011/65/EU applies.

Interroll products are assembled individually
for each customer and have a high degree
of variance. Therefore, the messages from
Interroll are not order-related.

When our products are used as intended,
direct contact with the substances is
impossible.

The following Interroll products are subject to the information obligation due to the use of svhc >0.1% in their products:

- Drum motor DM series
- Drum motor DL series
- Pallet Drive DP series
- Idler IM series
- Idler IL series



Nico Schmidt
Product Compliance Counsel – Interroll Trommelmotoren GmbH
Hueckelhoven/Baal, 10.10.2023

Declaration of conformity
(EC) No 1935/2004
US FDA 21 CFR 177.2600

The manufacturer

Interroll Trommelmotoren GmbH
Opelstraße 3
D-41836 Hueckelhoven/Baal
Germany

hereby declares that the drum motors, which have been specified for food production or other hygienic applications, comply with the requirements of the following legal regulations.

- **Regulation (EC) No. 1935/2004**
- **US FDA 21 CFR 177.2600**
- **german LFGB**

Shafts, housings and drum shells are made of stainless steel (AISI 303, 304 or 316).



Nico Schmidt
Product Compliance Counsel – Interroll Trommelmotoren GmbH
Hueckelhoven/Baal, 28.11.2023

Declaration of conformity

IP69K

The manufacturer

Interroll Trommelmotoren GmbH
Opelstraße 3
D-41836 Hueckelhoven/Baal
Germany

hereby declares that the

- **Drum motor DM series**

has been tested in accordance with the requirements of - DIN EN 60529:2014-09 Degrees of protection by enclosure (IP code) - and has passed the aforementioned test procedure with the following result:

- **Protection class: IP69K**



Nico Schmidt
Product Compliance Counsel – Interroll Trommelmotoren GmbH
Hueckelhoven/Baal, 28.11.2023

Declaration of conformity

Oil for hygienic conditions

The manufacturer

Interroll Trommelmotoren GmbH
Opelstraße 3
D-41836 Hueckelhoven/Baal
Germany

hereby declares that the oils used for drum motors, when the Interroll product has been specified for food production or other hygienic applications, comply with the following standards:

- **NSF H-1**
- **FDA 21 CFR 178.3570**
- **Kosher**
- **Halal**
- **ISO 21469**



Nico Schmidt
Product Compliance Counsel – Interroll Trommelmotoren GmbH
Hueckelhoven/Baal, 27.11.2023

Declaration of conformity

(EC) No. 1935/2004

US FDA 21 CFR 177.2600

The manufacturer

Interroll Trommelmotoren GmbH

Opelstraße 3

D-41836 Hueckelhoven/Baal

Germany

hereby declares that the following NBR materials for lagging

- **BN7069, NBR blue 70 ± 5 Shore A**
- **BN7062, NBR white 70 ± 5 Shore A**
- **BN5062, NBR white 50 ± 5 Shore A**

in case that the Interroll product has been specified for food production or other hygienic applications, comply with the requirements of the following legislations.

- **Regulation (EC) No. 1935/2004**
- **US FDA 21 CFR 177.2600**
- **German LFGB**
- **BfR Recommendation XXI**



Nico Schmidt

Product Compliance Counsel – Interroll Trommelmotoren GmbH

Hueckelhoven/Baal, 27.11.2023

Declaration of conformity

(EC) No 1935/2004

US FDA 21 CFR 177.2600

The manufacturer

Interroll Trommelmotoren GmbH
Opelstraße 3
D-41836 Hueckelhoven/Baal
Germany

hereby declares that the PU coating

- **Interroll Premium Hygienic PU 82 Shore D PX280**

has been specified for food production or other hygienic use and complies with the requirements of the following legislation.

- **Regulation (EC) No 1935/2004**
- **Regulation (EC) No 10/2011**
- **US FDA 21 CFR 177.2600**
- **german LFGB**

Migration test according to Art. 17 and 18 of Regulation (EC) No 10/2011 Annex V (for articles made of plastic) were carried out.

Method: DIN EN 1186
Test conditions: Ethanol 10 % (24 h / 40 °C)
Test result: passed

Method: DIN EN 13130-1 / ZEK 01.4-08
Test conditions: Ethanol 95 % (24 h / 40 °C)
Test result: passed

Method: Harmonised CO22.TP
Test conditions: Requirement acc. to Annex I (EC) No 10/2011 Diphenylmethan-4,4-diisocyanat
Test result: passed



Nico Schmidt
Product Compliance Counsel – Interroll Trommelmotoren GmbH
Hueckelhoven/Baal, 28.11.2023

Declaration of conformity

(EC) No. 1935/2004

US FDA 21 CFR 176.170

The manufacturer

Interroll Trommelmotoren GmbH
Opelstraße 3
D-41836 Hueckelhoven/Baal
Germany

hereby declares that the

- **Interroll Thermoplastic sprockets**

have been specified for food production or other hygienic use and complies with the requirements of the following legislation.

- **Regulation (EC) No. 1935/2004**

- **Regulation (EC) No 10/2011**

- **US FDA 21 CFR 176.170**

Migration test according to Art. 17 and 18 of Regulation (EC) No 10/2011 Annex V (for articles made of plastic) were carried out.

Method	Test conditions	Test result
EN 1186-1:2002 + EN 1186-3:2002	Ethanol 10 % (30 minutes / 40 °C) + Acetic acid 3 % (30 minutes / 40 °C)	passed
EN 1186-2:2002	Olive oil (30 minutes / 40 °C)	passed
ISO 11885 + ISO 17294-2	Acetic acid 3 % (30 minutes / 40 °C)	passed
Art. 18 of Regulation (EC) No 10/2011 Annex V	Acetic acid 3 % (30 minutes / 40 °C)	passed
LMBG § 35	Acetic acid 3 % (30 minutes / 40 °C)	passed
Art. 18 of Regulation (EC) No 10/2011 Annex V	Ethanol 95 % (30 minutes / 40 °C)	passed
With reference to FDA 32 CFR 176.170 (d)	Distilled water (24 h / 120 °F) Ethanol 8 % (24 h / 120 °F) Ethanol 50 % (24 h / 120 °F) n-Heptane (30 minutes / 70 °F)	passed



Nico Schmidt

Product Compliance Counsel – Interroll Trommelmotoren GmbH
Hueckelhoven/Baal, 27.11.2023