

SEISMIC LEVELLING FOOT DECLARATION OF CONFORMITY

TYPE: XHJSE SMALL, XHJSE LARGE

NGI A/S fundamentally adheres to all applicable directives and standards. All information is based on the current state of knowledge and is subject to change. We attentive follow the revisions/amendments to these directives and will design our products accordingly. This ensures that products from NGI A/S are always in compliance with currently valid requirements.

Our type of products is not covered by the scope of application of the EC directive on machinery. For this reason, they cannot be furnished with the CE marking in accordance with the EC directive on machinery.

NGI A/S, Virkelyst 5-7, 9400 Nørresundby, hereby declare that the listed materials applied for the products comply with the demands for materials used within the food and pharmaceutical industry.

Furthermore, we declare that the listed materials applied for the products comply with the demands for materials used within the food and pharmaceutical industries.



CERTIFIED
HYGIENICS



MINIMIZED
CLEANING TIME



MINIMIZED
WATER USAGE



SEISMIC
SECURED



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Materials, Surface Roughness and Geometry

Metallic surfaces are constructed from Stainless steel, AISI 304/A2 or by request Stainless steel, AISI 316/A4 and are corrosion resistant under the specified conditions of use including those of cleaning.

The elastomeric components are constructed from FDA approved NBR and silicone material. All materials used are considered non-toxic and are non-absorbent.

All exposed metallic surfaces are finished to maximum surface roughness values of 1.6 pm Ra. All elastomeric components and sealing washers are left as molded with no hand trimming and all surfaces are considered smooth enough to ensure that cleaning is easy.

There are no exposed dissimilar metal-to-metal contact areas in the construction where galvanic corrosion could occur.

Sealing designs permit access for easy cleaning with no inaccessible pockets or crevices.

There are no risk of exposed threads and no unsealed metal-to-metal joints in the finished construction.

All exposed surfaces have a smooth finish such that soil may be cleaned from the surface using manual cleaning techniques and be free of pits, folds, cracks, crevices, and other imperfections in the final fabricated form.

Drain-ability and Installation

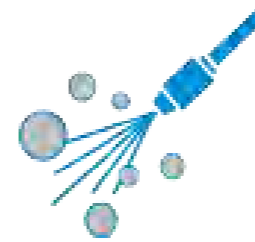
The units are designed to be self-draining and contain no horizontal ledges.

Comprehensive instructions are provided containing detailed information to ensure compliance with the 3-A and EHEDG design criteria.

The 3-A Sanitary Standard 88-00 requires that when machine leveling feet or supports are properly mounted on the equipment, they shall provide a minimum clearance between the lowest part of the equipment and the floor of not less than 4.0 in. (102 mm) if the equipment outlines an area in which no point is more than 12.5 in. (318 mm) from its nearest edge. If the equipment outlines an area in which any point is more than 12.5 in. (318mm) from its nearest edge the clearance shall be at least 6 in. (152mm).

The EHEDG guideline recommends a minimum clearance between the equipment and the floor or wall of 300mm for easy cleaning and inspection.

When fasteners are required, only domed head screws and dome headed nuts must be used. The exposed interfaces shall be sealed with sealing washers and there must be no threads exposed in the installed configuration of the machine feet.



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Maintenance and Cleaning

Foot bases can be sealed to the floor if required. The instructions make recommendations not to span over floor imperfections or grout lines without the addition of proper sealing compounds.

Maximum torque values are specified as appropriate on fastening arrangements to avoid over-compression of sealing washers and gaskets.

Maintenance instructions are clearly defined and prohibit the use of non-genuine replacement parts.

Cleaning instructions describe typical cleaning procedures with recommended maximum temperatures/pressures and stipulate the use of non-abrasive cleaning aids.

The design does not contain dead spaces and avoid accumulation of soil, microorganism's insects and other vermin in areas which cannot be easily cleaned.

Adhesives and lubricants

Sealing and thread locking compounds used in the construction are non-toxic in the cured state.

No lubricants, insulation material or signal transfer liquids are used in the construction.

Standards and directives

EN 1672-2:2005 Food machinery / General design principles/Part 2: Hygiene requirements.

EN ISO 14 159 2004 Safety of machinery – Hygiene requirements for the design of machinery.

Document 13 EHEDG guideline on the hygienic design of apparatus for open processes.

Similar NGI designs meets the criteria for Hygienic Equipment Class I for components situated in the non-food area and are accessible for easy cleaning without dismantling.

The weighing levelling feet design is according to 3-A Sanitary Standard for Machine Leveling Feet and Supports.

Certified according to USDA Guidelines "Dairy Equipment and NSF ANSI 3-A 14159-1-2014" for the sanitary design and fabrication.

New Zealand seismic standard NZS 4219



IN CONFORMANCE WITH NZS 4219; NZS 1170.5

NEW ZEALAND

EU regulations

852/2004 on the hygiene of foodstuffs.

853/2004 specific hygiene rules for food of animal origin.

854/2004 specific rules for the organization of official controls on products of animal origin intended for human consumption.

1935/2004 on materials and articles intended to come into contact with food



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The declaration of materials concerns the following applications:

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| Application: | STEEL COMPONENT |
| Material type: | Stainless steel, AISI 304/A2 (X5CrNi18-10), Euro norm 1.4301. |
| Compliance: | By request: Stainless steel, AISI 316/A4 (X 5 CrNiMo 17 12 2), Euro norm 1.4401 EN 10204 Type 2.2. NGI A/S states that the product is in compliance with the order with indication of results of nonspecific inspection. NGI has got EN 10204 type 3.1 inspection certificates on all material used in the products but not specified for each foot. In the directive 94/9/EC, Equipment for potentially explosive atmospheres, also known as the ATEX directive, equipment without its own potential source of ignition are not covered, nor shall be marked according to the directive. However, NGI levelling feet are suitable for use in all ATEX zones. |
| Application: | FOOT SEALING |
| Material type: | NBR By request EPDM |
| Electrically: | Non-conductive |
| Chemical resistance: | High to commonly applied cleaning agents |
| Color: | Black |
| Hardness: | Shore A 80 ± 5 |
| Range of temperature: | Min -20 °C to Max 110 °C |
| Load: | Low load capacity |
| Application: | SEALING RING. |
| Material type: | Silicon rubber |
| Electrically: | Non-conductive |
| Chemical resistance: | High to commonly applied cleaning agents |
| Color: | RAL 5010 (blue) |
| Hardness: | Shore A 60 ± 5 |
| Range of temperature: | Min -60°C to Max +200 °C |
| Storage: | According to ISO 2230 |
| Compliance: | FDA: Guideline 21 CFR 177.2600 RoHS 2: In accordance with the Directive 2011/65/EC OF EUROPEAN PARLIAMENT AND OF THE COUNCIL. GMP: Good manufacturing process in accordance with 2023/2006 EC. |