

Declaration of Conformity for CE / UKCA Marking



Machinery Directive 2006/42/EU / Machine Regulation SI 2008 Nr. 1597
 EMC Directive 2014/30/EU / EMC Regulation SI 2016/1091

Manufacturer: Levitronix GmbH
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We herewith declare that the **Levitronix® Bearingless Fan BFS-i04** in its configurations as listed below, is in conformity with the above mentioned *European Directives* and *UK Statutory Instruments*. The bearingless fan is designed to be used in industrial production machines and equipment containing ventilation circuits. Typical applications are semiconductor and chemical manufacturing equipment.

Part Name	Description
BFS-i04.x	Bearingless fan BFS-i04.x (x = various configurations, e.g. motor cable, connectors)
FIP-1.x	Accessory: Levitronix Interface Panel for BFS-i04.x

Machinery Directive 2006/42/EU – Machinery Regulation SI 2008 Nr. 1597:

The machinery directive essentially has been followed by a risk analysis, according to mitigation actions and a user manual for safe operation. For the design and testing the following standards are used as a guideline:

ISO 12100

Safety for machinery – principles for risk assessments: used for system risk analysis.

EMC Directive 2014/30/EU – EMC Regulation SI 2016 Nr. 1091:

The following standards of the EMC directive are tested and confirmed at a certified laboratory:

EN 61000-6-2

Generic standards – Immunity for industrial environments

EN 61000-6-4

Generic standards – Emission standard for industrial environments

Test Company:

EMV Prüfstelle Zürich
 Index AG
 Technoparkstrasse 1
 8005 Zürich

Swiss accreditation, registration number: STS0404

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