

Noise emission declaration

Declaration and verification of noise emission values per ISO 4871:1996; values determined per ISO 3744, ISO 11202.

Machine model number, operating conditions, and other identifying information:

Type 990, Model 11-TC, 50 Hz, 230 V, rated load

DECLARED DUAL-NUMBER NOISE EMISSION VALUES

in accordance with ISO 4871:1996

	Operating mode 1	Operating mode 2
Measured A-weighted sound power level, L_{WA} (ref. 1 pW), in decibels	88	95
Uncertainty, K_{WA} , in decibels	2	2
Measured A-weighted emission sound pressure level, L_{pA} (ref. 20 μ Pa) at the work station, in decibels	78	86
Uncertainty, K_{pA} , in decibels	2	2

Values determined according to noise test code ISO 3746 test code (example), using the basic standard(s) ISO 3744, ISO 11202.

NOTE The sum of a measured noise emission value and its associated uncertainty represents an upper boundary of the range of values which is likely to occur in measurements.

Verification (ISO 4871 clause 6.2)

Metric	Measured	Target / Limit	Result
A-weighted sound power level, Operating mode 1	$L_1 = 89$ dB	$\leq L_{WA} + K_{WA} = 90$ dB	● PASS
A-weighted sound power level, Operating mode 2	$L_1 = 98$ dB	$\leq L_{WA} + K_{WA} = 97$ dB	● FAIL

Laboratory: Phonometry reference example

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Notes: Declaration reproduces the ISO 4871:1996 Annex B example machine.

Operator: phonometry Signature: _____

■ The results relate only to the tested specimen.

Generated by phonometry.