



OIML Member State
The Netherlands

OIML Certificate

Number R60/2000-A-NL1-20.03
Project number 2457866
Page 1 of 2

Issuing authority NMI Certin B.V.
Person responsible: M. Boudewijns

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Identification of the certified type A **compression load cell**, with strain gauges, equipped with electronics,
Type : RCD...

Characteristics See next page

This OIML Certificate is issued under scheme A.

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 60 - Edition 2000 (E) for accuracy class C

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified.

This Certificate does not bestow any form of legal international approval.

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Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
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Certification Board

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The conformity was established by the results of tests and examinations provided in the associated OIML Test Reports:

- No. R60/2000-NL1-06.09A dated 23 June 2006 that includes 55 pages;
- No. R60/2000-NL1-06.09B dated 4 September 2006 that includes 13 pages;
- No. NMI-16200545-01 dated 1 December 2016 that includes 16 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	15 t up to and including 75 t
Minimum dead load	0 t
Accuracy Class	C
Maximum number of load cell intervals (n)	5000
Ratio of minimum LC Verification interval $Y = E_{max} / V_{min}$	15000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	8000
Temperature range	-10 °C / + 40 °C
Fraction p_{LC}	0,8
Humidity Class	CH
Safe overload	150 % of E_{max}
Recommended excitation	6 - 16 V DC
Excitation maximum	16 V DC
Transducer material	Stainless steel
Atmospheric protection	Stainless steel welded IP68
Electromagnetic environment class	E1 / E2
Number of counts for E_{max}	$\geq Y * 5 / p_{LC}$
Software identification	Version number: VA.5, VA5, VS.0, VS0 or V2.4

Remarks:

1. The characteristics for n_{max} , and Y can be reduced separately.

Each load cell produced is provided with an accompanying document with information about its characteristics.