





OIML Certificate No. R60/2000-JP1-11.10 Revision 1

Member State of OIML Japan

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name:

National Metrology Institute of Japan / National Institute of

Advanced Industrial Science and Technology (NMIJ / AIST)

Address:

AIST Tsukuba Central 3-9, Tsukuba Ibaraki 305-8563, Japan

Person responsible:

Dr. Tamotsu Nomakuchi, President of AIST

Applicant

Name:

MINEBEA CO., LTD.

Address:

1-1-1, Katase, Fujisawa-shi, Kanagawa-ken, 251-8531, Japan

Manufacturer of the certified pattern

Name:

MINEBEA CO., LTD.

Address:

1-1-1, Katase, Fujisawa-shi, Kanagawa-ken, 251-8531, Japan

Identification of the certified pattern:

Compression load cell

Type:

CS002-200K, CS002-500K, CS002-1T, CS002-2T, CS002-3T, CS002-5T

Fraction:

Pi=0.7

Temperature range

-10 °C / 40 °C





OIML MAN

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Characteristics:

Model designation			CS002-xx K, where xx equal to the $E_{ m max}$	CS002-xx T, where xx equivalent to the $E_{\rm max}/1000$
Accuracy class	Class	-	C	
Maximum number of load cell verification intervals	$n_{ m max}$	-	6000	
Humidity symbol			СН	
Minimum dead load	E_{min}	kg	0	
Maximum capacity	$E_{\rm max}$	kg	200, 500	1000, 2000, 3000, 5000
Safe load limit	$E_{ m lim}$	kg	$1.5*E_{ m max}$	
Minimum verification interval	$v_{ m min}$	kg	$E_{ m max}/10000$	
Apportionment factor	$p_{ m LC}$		0.7	
Ratio of minimum LC Verification interval Y=Emax / vmin	Y	-	10000	
Ratio of minimum dead load output return $Z=E\max/(2*DR)$	Z	•	6000	
Rated output		mV/V	2.0	
excitation voltage		V DC	5~15	
Input impedance	$R_{ m LC}$	Ω	420±40	
Cable detail			6 m 6 wire	

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report(s) with the requirements of the following Recommendation of the International Organization of Legal Metrology - OIML):

R60, edition 2000 (E)

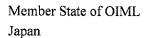
For accuracy class C

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

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

The conformity was established by tests described in the associated test report no. 12-01/R60:2000, that includes 17 pages.









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The Issuing Authority NMIJ/AIST

Dr. T. Nomakuch President of AIST 2012-01-31

The CIML member

Dr. Y. Miki

2012-01-31

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