





OIML Certificate No. R60/2000-JP1-10.16 Revision 1

Member State of OIML Japan

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: National Metrology Institute o

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:

DC002-10T, DC002-20T, DC002-25T, DC002-30T, DC002-40T

Fraction:

Pi=0.7

Temperature range

-10 °C / 40 °C







OIML Certificate No. R60/2000-JP1-10.16 Revision 1

Member State of OIML Japan

Characteristics:

Model designation			DC002-xxT where xx equivalent to the $E_{\text{max}}/1000$	
Accuracy class	Class		C	
Maximum number of load cell verification intervals	n _{max}	-	6000 5000	:
Humidity symbol			СН	
Minimum dead load	E_{\min}	kg	0	
Maximum capacity	$E_{\sf max}$	kg	10000, 20000, 25000, 30000	40000
Safe load limit	$E_{ m lim}$	kg	$1.5*E_{\text{max}}$	
Minimum verification interval	$v_{ m min}$	kg	$E_{ m max}/16000$	
Apportionment factor	$p_{ m LC}$		0.7	
Ratio of minimum LC Verification interval Y=Emax/vmin	Y		16000	
Ratio of minimum dead load output return $Z=E\max/(2*DR)$	Z	<u>-</u>	6000 in the case of n_{max} =6000	
Excitation voltage		V DC	7.5 ~ 15	
Cable length (maximum)		m	12	15

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)

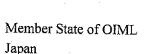
For accuracy class C

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. 11-05/R60:2000, that includes 33 pages.









OIML Certificate No R60/2000-JP1-10.16 Revision 1

The Issuing Authority NMIJ/AIST

Dr. T. Nomakuch中臺灣詩 President of AIST 2011-04-01

The CIML member

Dr. Y. Miki

2011-04-01

Important note: Apart from the mention of certificate's reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or the associated test report is not permitted, though they may be reproduced in full.