

Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany



OIML Certificate N°
R60/2000-DE1-05.01

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name: Physikalisch-Technische Bundesanstalt
Address: Bundesallee 100, 38116 Braunschweig
Person responsible: Dr. Roman Schwartz

Applicant

Name: Revere Transducers Europe BV
Address: Ramshoorn 7, 4824 AG Breda
Niederlande

Manufacturer of the certified type is the applicant.

Identification of the certified type

Wägezelle

Type: 672

$E_{\max} : 50 \text{ kg} \div 750 \text{ kg}$

Further characteristics see page 2

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

R60, edition 2000
for accuracy class C3

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

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

Physikalisch-Technische Bundesanstalt

OIML Certificate N°
R60/2000-DE1-05.01

The conformity was established by the results of tests and examinations provided in the associated Test Reports No. PTB-1.12-4016279/1 (50 kg, 20 pages), PTB-1.12-4016279/2 (150 kg, 20 pages) and PTB-1.12-4016279/3 (500 kg, 20 pages).

The Issuing Authority

Dr. R. Schwartz
Direktor und Professor

09.03.2005

The OIML Member

Prof. Dr. M. Kochsiek
Vizepräsident

09.03.2005

Identification of the pattern (continued)

Load cells of the type 672 are double bending beam load cells for single point application. The load cell body is made of aluminium. The strain gauge application is potted.

The metrological characteristics for application in approved weighing instruments are listed in Table 1.

Table 1

| | | | | |
|---|--------------------------------|----|---|--|
| Accuracy class | | | C3 | |
| Max. number of LC intervals | n_{LC} | | 3000 | |
| Maximum capacity | E_{max} | kg | 50 / 100 / 150 / 200 / 250 300 / 350 / 400 / 450 | 500 / 550 / 600 / 635 650 / 700 / 750 |
| Minimum load cell verification interval | V_{min} (E_{max} / Y) | | $E_{max} /$ 5000 | $E_{max} /$ 7500 |

Minimum dead load $0\% * E_{max}$; safe load $\geq 150\% * E_{max}$; rated output 2mV/V; input resistance 410 Ω ; fraction $p_{LC} = 0,7$

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated Test Report(s) is not permitted, although either may be reproduced in full.