OIML Member State Denmark		**OIML Certificate No.** **R60/2000-A-DK2-25.01**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **FORCE Certification A/S**
Address: Park Allé 345, 2605 Brøndby, Denmark
Person responsible: Per Crety

Applicant

Name: **Avery Weigh-Tronix**
Address: Foundry Lane,
Smethwick,
West Midlands, B66 2LP
England

Manufacturer **Avery Weigh-Tronix**

Avery India Limited
Plot Nos 50-59, sector-25
Ballabgarh – 121004 (Haryana)
India

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

T301x

Designation of the module *(if applicable)*

A compression type digital load cell

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

OIML R 60, Edition (year): 2000

For accuracy class (if applicable**): C6**

FORCE Certification A/S · Park Alle 345 2605 Brøndby Tel+45 43 25 01 77 info@forcecertification.com www.forcecertification.com
Task no.: 124-34707.90.20 and ID no.: FC-OIML-18752-1 forcecertification.com/en/weighing

OIML Certificate No.
R60/2000-A-DK2-25.01

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

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

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

Type examination report: No. 03345TR, dated 08 September 2011, that includes 25 pages
Type examination report: No. 03420, dated 15 August 2012, that includes 20 pages
Type examination report: No. SN 1191, dated 22 November 2011, that includes 12 pages
Type examination report: No. 03420A, dated 12 May 2021, that includes 20 pages

Type evaluation report: No. 124-34707.90.20, dated 14 January 2025, that includes 5 pages

The technical documentation relating to the identified type is contained in documentation file:

124-34707.90.20

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	23 January 2025	-

Identification, signature and stamp
The OIML Issuing Authority
FORCE Certification A/S

Date: 23 January 2025

Jens Hovgård Jensen
2025-01-23

Digitally signed by Jens Hovgård Jensen
jhje@force.dk
Certification Manager

Jens Hovgård Jensen
Certification Manager

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 OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Descriptive annex

Type designation		T301x	
Accuracy class acc. to OIML R60		C6	
Maximum number of intervals	n_{LC}	6000	
Maximum capacity	E_{max}	30000 kg	45000 kg
Apportionment factor	p_{LC}	0.8	
Minimum verification interval	v_{min}	1.5 kg	
Ratio of min LC verification interval	$Y=E_{max}/ v_{min}$	20000	30000
Ratio of minimum dead load output return	$Z= E_{max}/2*DR$	NA	
Minimum dead load	E_{min}	0 kg	
Safe load limit	E_{lim}	150 % E_{max}	
Compensated temperature range	B_T	- 10… +40 °C	
Humidity condition		CH	
Load cell material		Steel	

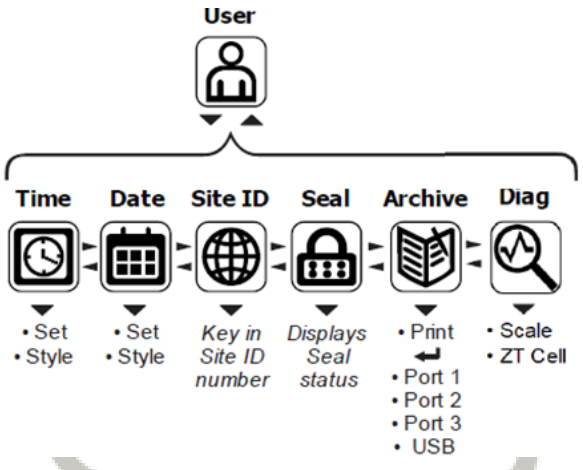
The above identified Type (also identified in the associate OIML Test Report) have been found to comply with the additional national requirements established by the United States of America (NIST Handbook 44 and NCWM Publication 14), included in the Utilizer Declaration:

- R60 OIML-CS rev. 2, Additional requirements from the United States Accuracy class III L.

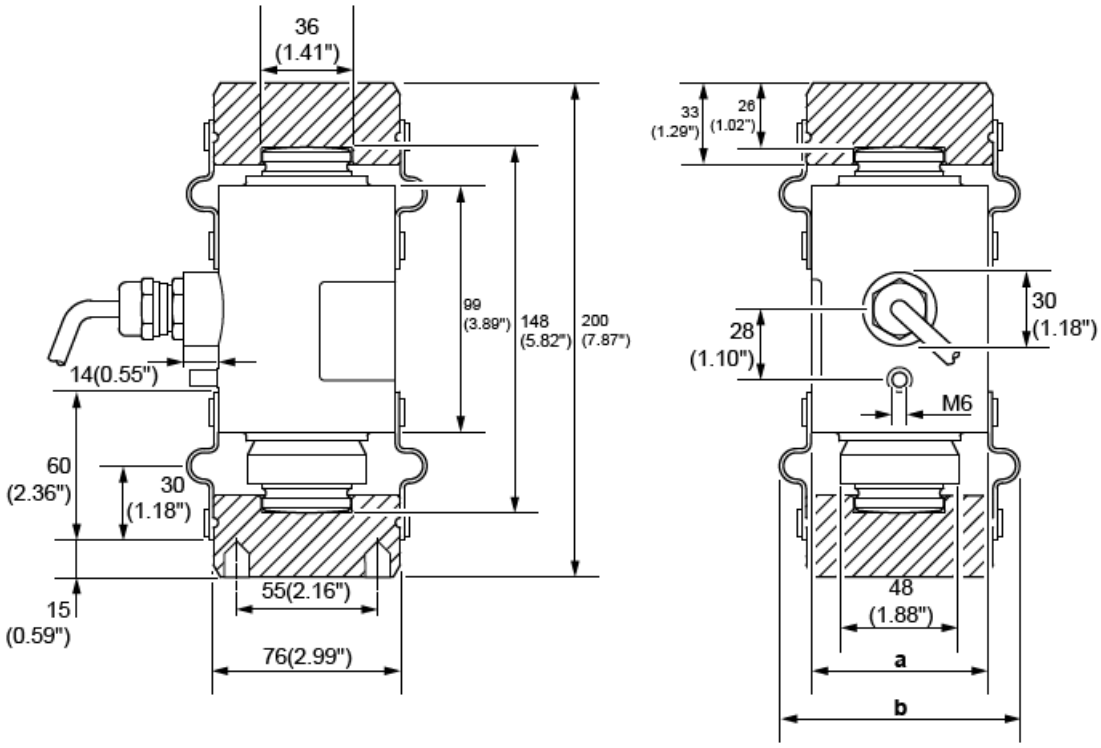
- R60 OIML-CS rev. 2, Additional requirements from the United States Marking requirements.

Software

The software version information for the digital load cell shall be V2.x.x.x, where x.x.x represents non-legally relevant changes. The part number of the firmware is SWE-YY029. To display the information: Press and hold the setup button on the connected ZM510/ZM605/ZM615 indicator, then enter password "111" - Select **Diag** then **ZT Cell**.



Drawing of load cell



All dimensions are in millimeters (mm).

	30 t	45 t
a	72	100
b	97	120

a = cell body diameter
b = max rubber bellow diameter