OIML Member State Denmark	**OIML Certificate of Conformity No.** **R134/2006-A-DK2-2021.01**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

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

Applicant

Name:	**Giropes**
Address:	Pol. Empordà Internacional C/F parcela 15,16
	17469 VILAMALLA (Girona)
	Spain

Manufacturer	**Giropes**

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

BPPEM – B615

Designation of the module *(if applicable)*

Automatic instrument for weighing road vehicles in motion

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 134-1, Edition (year): 2006

For accuracy class**: 0.5 and B**

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. 120-24433.10 dated 24 February 2021, that includes 66 pages

Type examination report: No. 121-26819.10 dated 21 September 2021, that includes 23 pages

Type evaluation report: No. 121-26819.90.20 dated 21 September 2021, that includes 12 pages

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

121-26819

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	26 October 2021	-

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

Date: 26 October 2021

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

Characteristics

Accuracy class for total weight:	0.5 or higher
Accuracy class for single axle load:	B or higher
Accuracy class for axle group load:	Not supported
Maximum capacity (Max):	15000 kg 40000 kg
Minimum capacity (Min):	according to OIML R134-1:2006 sect. 2.4
Scale interval (d):	20 kg or 50 kg
Direction of travel:	Both
Maximum operation speed (vmax):	10 km/h
Minimum operation speed (vmin)	2 km/h
Maximum transit speed:	30 km/h
Maximum number of axles:	15
Extra warm-up time	none
Power supply voltage:	110-240 VAC
Temperature range:	-10 °C to +40 °C

Software

The indicator has software separation in a legal part and an application part.
The tested indicator has software versions:
Legal software:

WIM:	V.2.0.0	CRC:	3BDE8A5E
CPU boot:	1.0.0		

Non legal software:

Application:	v2.1.5

Sealing and securing

Configuration and calibration are protected by software means. The instrument contains an event counter and a calibration counter that is updated when parameters are changed, or a calibration is performed.
The value of the counters are shown at power up.

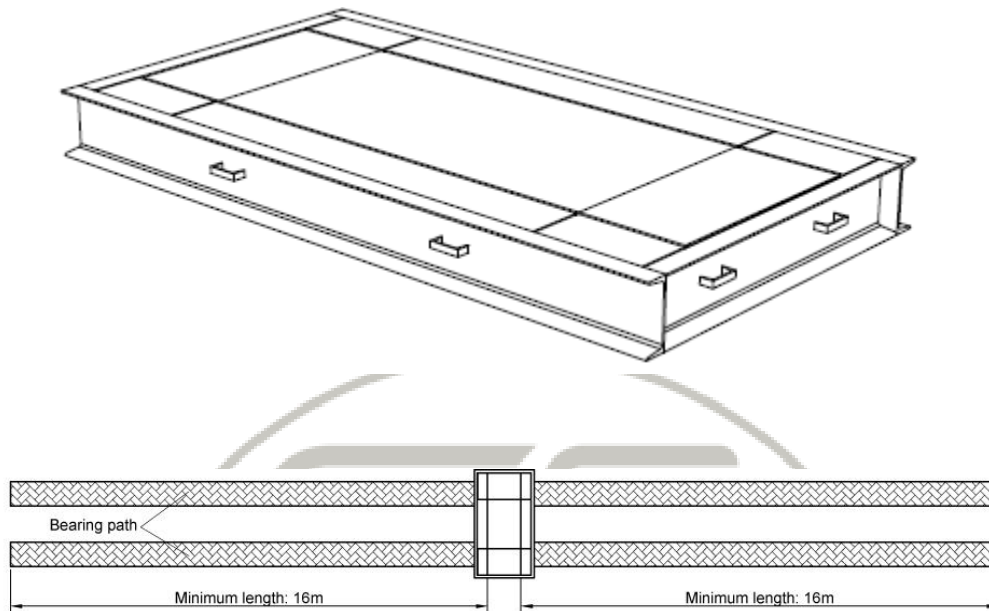The electronic of B615 shall be secured against exchange by physical seal(s).

The load cell connector shall be sealed with wire and seal or a tamper-free sticker.

Interfaces

- RS232
- RS485
- Ethernet
- CAN bus
- USB

The interfaces do not have to be secured.

Apron specification for BPPEM

GEOMETRY OF WEIGHING AREA

ATTENTION:
The weighing area must be leveled respect to the scale. Maximum difference 2 mm only.
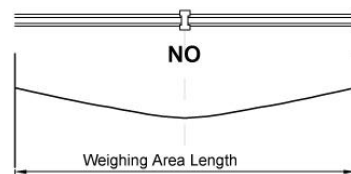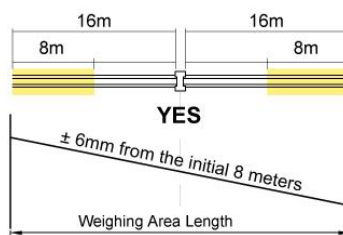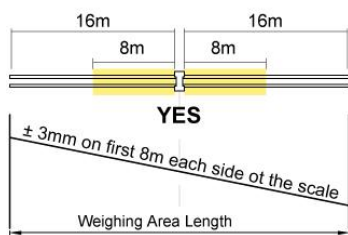
The bearing path must be in level 0 respect to the scale.

Such path can be obtainden through self-levelling concrete or metal plates.

TRANSVERSAL GRADIENT

LONGITUDINAL GRADIENT

B615 controller