



**National
Measurement
Office
Certification**



Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R60/2000-GB1-14.04

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Director, Product Certification**

Applicant: **Krickl Waagen Systeme GmbH
Heid-Werkstr. 13
A-2000 Stockerau
Austria**

Manufacturer: **The applicant**

Identification of the certified pattern: **HK685 stainless steel compression load cell**

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

OIML R 60 - Edition 2000(E) for accuracy class: C3

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.

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

Issue Date: 20 November 2014
Reference No: TS13/0028

Signatory: G Stones

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The NMO is an Executive Agency of the Department for Business, Innovation & Skills



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The conformity was established by tests described in the associated test report SN: 1206 which includes 23 pages.

Characteristics of the Load Cell:

Model designation	Designation	Value	Units
Classification		C3	
Additional marking		CH	
Maximum number of load cell verification intervals	n_{LC}	3000	
Maximum capacity	E_{max}	1000, 2000, 5000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	$E_{max}/3030$	kg
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	4552	
Rated output		0.95 +/-0.05	mV/V
Maximum excitation voltage		+ 15	V DC
Input impedance (for strain gauge LCs)	R_{LC}	380 +/-30	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Fraction	P_{LC}	0.7	
Cable length		6	m
Additional characteristics		6-wire	

Certificate History

Issue №.	Date	Description
R60/2000-GB1-14.04	20 November 2014	Certificate first issued
-	-	No revisions have been issued.