

Product Ballbar Calibrator
 Serial number G27433
 Date of calibration 16 February 2017
 Customer Name Starrag US
 Customer Address 2379 Progress Drive
 Customer Reference Hebron, KY 41048


RENISHAW
 apply innovation™

Calibration certificate

Results	100mm	150mm	300mm
Quoted Length (mm)	99.9993	149.9977	299.9986
Measured Length (mm)	99.9994	149.9976	299.9983
Uncertainty of measurement (95% confidence level, k=2):		0.00085mm	

Environmental conditions (nominal)	Value
Air temperature:	20.6 °C
Pressure:	980 mbar
Relative humidity:	51 %RH

Reference standards	Ref. no.	Certificate no.	Calibration date
Master Ballbar Calibrator	19T996	2011110292/1/19T996	09 October 2013
Master Ballbar	05L349	05L349-20170131-00	31 January 2017
XC80 Compensator	297K94	297K94-161208-00	08 December 2016
XC80 Air Temperature Sensor	295P43	295P43-161213-00	13 December 2016
Test procedure	PD-0133/A2LA R205 Compliant		

Authorised signature	Signatory	Position	Issue date
	Joe Pichon	Service Center Manager	16 February 2017

CALIBRATED By: UMP Date: 2-16-17

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Renishaw Inc
 1001 Wesemann Drive
 West Dundee
 IL 60118



Certificate number
 G27433-170216-00

L-8014-1606-02

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Calibration Cert # 2707.01

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