Product
Serial number
Date of calibration
Customer Name
Customer Address
Customer Reference

Ballbar Calibrator G27433 16 February 2017 Starrag US 2379 Progress Drive Hebron, KY 41048



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):		0.000	85mm

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

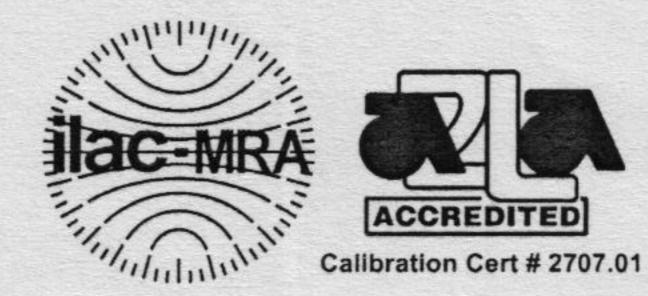
Reference standards	Ref. no.	Certificate no.	Calibration date
Master Ballbar Calibrator	19T996	204 110292/1/19T996	09 October 2013
Master Ballbar	05L349	5L349-20170131-00	31 January 2017
XC80 Compensator	297	297K94-161208-00	08 December 2016
XC80 Air Temperature Sensor	295P	295P43-161213-00	13 December 2016
Test procedure	PD-0133/A2LA R205 Compliant		

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

CALIBRATED By: 400 Date: 3-16-17

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Renishaw Inc 1001 Wesemann Drive West Dundee IL 60118



Certificate number G27433-170216-00

L-8014-1606-02

Product
Serial number
Date of calibration
Customer Name
Customer Address
Customer Reference

Ballbar Calibrator G27433 16 February 2017 Starrag US 2379 Progress Drive Hebron, KY 41048



Calibration certificate

Results	100mm	150mm	300mm
Quoted Length (mm)	99.9994	149.9976	299.9983
Measured Length (mm)	99.9994	149.9976	299.9983
Uncertainty of measurement (95% confidence level, k=2):		0.000	85mm

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	RD-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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G27433-170216-00

L-8014-1606-02