



Ballbar diagnostics (μm)

XY 360deg 150mm Calibrated 20221229-193920

Operator: AJITHKUMAR RAJENDRAN
Date: 2022-Dec-29 19:39:20

Machine: ----
QC20-W: 08YJ14, Last calibrated: 2017-03-16

Backlash (μm)		
X	▶ -0.3	◀ -0.6
Y	▲ 0.1	▼ 0.5
Reversal spikes (μm)		
X	▶ 0.3	◀ 0.1
Y	▲ -1.8	▼ -1.9
Lateral play (μm)		
X	▶ 1.5	◀ 0.3
Y	▲ 0.3	▼ -0.6
Cyclic error (μm)		
X	↑ 0.2	↓ 0.2
Y	↑ 0.2	↓ 0.3
Other features		
Servo mismatch		-0.02ms
Squareness		-37.3 $\mu\text{m}/\text{m}$
Straightness X		-2.1 μm
Straightness Y		-1.7 μm
Scaling error X		14.1ppm
Scaling error Y		32.3ppm
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Positional tolerance		31.5 μm
Best fit radius		150.0035mm
Circularity		8.6 μm

