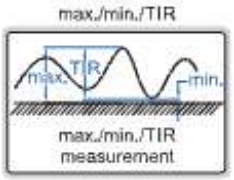
LINEAR BALL BEARINGS FOR TEN MILLION TIMES USE | ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF | DATA OUTPUT

HIGH PRECISION DIGITAL INDICATORS









ATTENTION: RECHARGEABLE BATTERY, FOR 24 HOURS CONTINUOUS WORKING

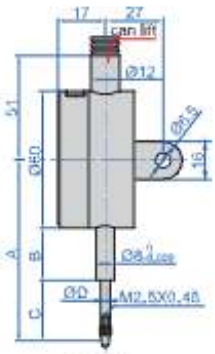
INSPECTION CERTIFICATE


2133-10

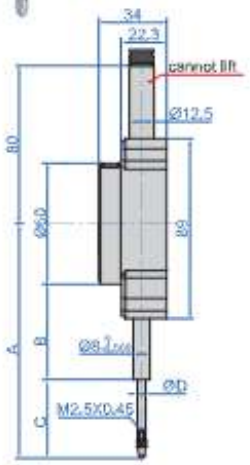

2133-25


2133-50

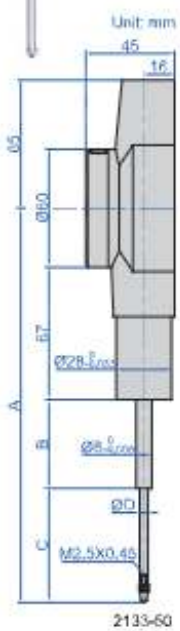
- Linear ball bearings for ten million times use
- Absolute encoder, the original data remains after power off
- Reading in digital and analog
- Data output
- Button function: data output, tolerance, data preset, data hold, measuring direction change, max./min./TIR, power off time, on/off, mm/inch, adjust resolution
- Power: rechargeable battery, for 24 hours continuous working
- Optional accessory: contact points, wireless transmitter code **7315-60** (receiver is needed), data output cable (keyboard format) code **7302-60**, data output cable (serial port format) code **7305-G60** (cable length 3m, optional cable length maximum 15m; RS232 protocol, optional RS485 protocol)



2133-10L
2133-101L



2133-25
2133-251



2133-50

Standard accuracy

Carbide probe

Adjustable resolution: 0.0005mm/0.00002", 0.001mm/0.00005", 0.01mm/0.0005"

(mm)

Code	Range	Accuracy	Hysteresis	A	B	C	ØD	Maximum measuring force	Cap	Remark
2133-10*	12.7mm/0.5"	3μm	1.5μm	75.4	20.6	24.8	5	1.5N	can lift	flat back
2133-10L*	12.7mm/0.5"	3μm	1.5μm	75.4	20.6	24.8	5	1.5N	can lift	lug back
2133-25*	25.4mm/1"	3μm	1.5μm	109.5	38.5	41	5	2.2N	cannot lift	flat back
2133-50*	50.8mm/2"	3μm	1.5μm	201	32	72	4.5	2.5N	—	flat back

High accuracy

Ruby probe

Adjustable resolution: 0.0002mm/0.00001", 0.001mm/0.00005", 0.01mm/0.0005"

(mm)

Code	Range	Accuracy	Hysteresis	A	B	C	ØD	Maximum measuring force	Cap	Remark
2133-101*	12.7mm/0.5"	1.5μm	1μm	77.4	26	21.4	4	1.5N	can lift	flat back
2133-101L*	12.7mm/0.5"	1.5μm	1μm	77.4	26	21.4	4	1.5N	can lift	lug back
2133-251*	25.4mm/1"	1.8μm	1μm	116.1	42.5	44	4	2.2N	cannot lift	flat back

- When the contact point moves, the program auto-starts data collection of the maximum value. After the contact point returns to the free position, it will automatically transmit the maximum value. Cyclic measurement is available.
- It is applicable for data collection in continuous measurement (such as collecting the highest point of each tooth during the rotation of a multi-tooth workpiece)

Smart digital indicators

Code
2133-□□□□S*

*Supplied with manufacturer inspection certificate

Code examples:

Original code	Smart digital indicator code
2133-10	2133-10S
2133-10L	2133-10LS