

LINEAR BALL BEARINGS
FOR TEN MILLION TIMES USE

ABSOLUTE ENCODER, THE ORIGINAL
DATA REMAINS AFTER POWER OFF

DATA
OUTPUT

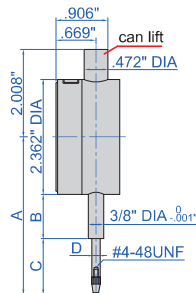
ATTENTION: RECHARGEABLE BATTERY,
FOR 24 HOURS CONTINUOUS WORKING

INSPECTION
CERTIFICATE

HIGH PRECISION DIGITAL INDICATORS



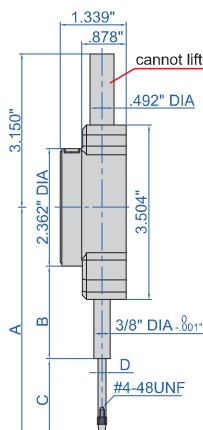
2133-10E



2133-10E
2133-101E



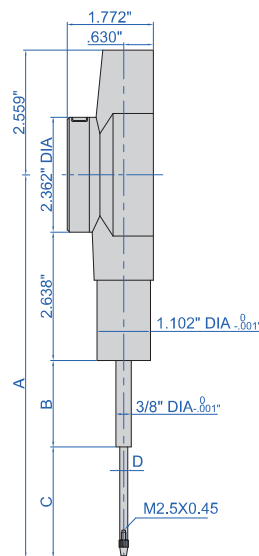
2133-25E



2133-25E
2133-251E

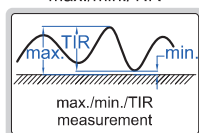


2133-50E



2133-50E

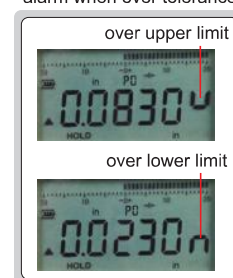
max./min./TIR



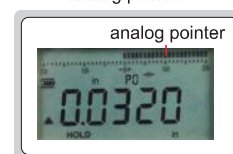
spindle lift knob is included



alarm when over tolerance



analog pointer



- Linear ball bearings for ten million times use
- Absolutely 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, inch/mm, adjust resolution
- Power: rechargeable battery, for 24 hours continuous working
- Optional accessory: contact points (page 73), wireless transmitter part no. **7315-60** (receiver is needed) page 7, data output cable (keyboard format), part no. **7302-60** page 22, data output cable (serial port format), part no. **7305-G60** page 20 (cable length 10ft, maximum length 50ft is optional; **RS232** protocol)
- **RS485** protocol high precision digital indicator and data output cable can be customized

Standard accuracy

Carbide probe

Adjustable resolution .00002"/0.0005mm .00005"/0.001mm .0005"/0.01mm

Part No.	Range	Accuracy	Hysteresis	A	B	C	D (DIA)	Maximum measuring force	Cap	Remark
2133-10E *	.5"/12.7mm	±.00012"	.00006"	2.969"	.811"	.976"	.197"	.337lbf	can lift	flat back
2133-10LE *	.5"/12.7mm	±.00012"	.00006"	2.969"	.811"	.976"	.197"	.337lbf	can lift	lug back
2133-25E *	1"/25.4mm	±.00012"	.00006"	4.311"	1.516"	1.614"	.197"	.495lbf	cannot lift	flat back
2133-50E *	2"/50.8mm	±.00012"	.00006"	7.913"	1.260"	2.835"	.157"	.562lbf	—	flat back

High accuracy

Carbide probe

Adjustable resolution .00001"/0.0002mm .00005"/0.001mm .0005"/0.01mm

Part No.	Range	Accuracy	Hysteresis	A	B	C	D (DIA)	Maximum measuring force	Cap	Remark
2133-101E *	.5"/12.7mm	±.00006"	.00004"	3.047"	1.024"	.976"	.157"	.337lbf	can lift	flat back
2133-101LE *	.5"/12.7mm	±.00006"	.00004"	3.047"	1.024"	.976"	.157"	.337lbf	can lift	lug back
2133-251E *	1"/25.4mm	±.00008"	.00004"	4.571"	1.516"	1.673"	.157"	.495lbf	cannot lift	flat back

* Supplied with manufacturer inspection certificate

- 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

Part No.
2133-□□□□S*

* Supplied with manufacturer inspection certificate

Part No. examples:

Original part no.	Smart digital indicator part no.
2133-10E	2133-10ES
2133-10LE	2133-10LES