

# Metric Dial Indicators Series 2

## Series 2

### Standard Type, 10 mm Range, 0,01 mm Graduation



2046A(B)-60

This is a standard, metric dial indicator. It offers you the following benefits:

- Bezel clamp and lifting lever (optional) can be attached to either right or left side. They can be easily installed and removed without tools.
- No through screw holes on the frame and secure adhesion between the bezel and the crystal as well as the use of an O-ring prevents water or oil penetration.



2902AB



2047AB



2046A-60

### Metric

No.	Range	Range per rev.	Graduation [mm]	Scale	MPE any 1/10 revolution [µm]	MPE any 1/2 revolution [µm]	MPE any 1 revolution [µm]	MPE measuring range [µm]	H MPE (Hysteresis) [µm]	R MPE (Repeatability) [µm]
2046A	10	1 mm	0,01	0-100 (100-0)	5	9	10	13	3	3
2046A-09	10	1 mm	0,01	0-100 (100-0)	5	9	10	15	3	3
2046AB	10	1 mm	0,01	0-100 (100-0)	5	9	10	13	3	3
2046AB-09	10	1 mm	0,01	0-100 (100-0)	5	9	10	15	3	3
2046A-60	10	1 mm	0,01	0-100 (100-0)	5	9	10	13	3	3
2046AB-60	10	1 mm	0,01	0-100 (100-0)	5	9	10	13	3	3
2310A-10	10	1 mm	0,01	0-100 (100-0)	5	9	10	15	3	3
2310AB-10	10	1 mm	0,01	0-100 (100-0)	5	9	10	15	3	3
2902A	10	1 mm	0,01	100-0	5	9	10	13	3	3
2902AB	10	1 mm	0,01	100-0	5	9	10	13	3	3
2047A	10	1 mm	0,01	0-50-0	5	9	10	13	3	3
2047AB	10	1 mm	0,01	0-50-0	5	9	10	13	3	3

Functions	Series 2
<input type="checkbox"/> Balanced dial	<input checked="" type="checkbox"/>
<input type="checkbox"/> Continuous dial	<input checked="" type="checkbox"/>
<input type="checkbox"/> Reverse reading	<input checked="" type="checkbox"/>
<input type="checkbox"/> Coaxial revolution counter	<input checked="" type="checkbox"/>
<input type="checkbox"/> Shockproof	<input checked="" type="checkbox"/>
<input type="checkbox"/> Jeweled bearing	<input checked="" type="checkbox"/>
<input type="checkbox"/> IP64	<input checked="" type="checkbox"/>

### Optional accessories

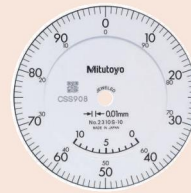
No.	Description
21AZB195	Limit Hands (green) 2pcs, Dial Indicator Series 2/3/4

### Consumable spares

No.	Description
901312	Contact Element Ball Point, 7,3mm Length, Carbide, Metric
125317	NBR Rubber Boot, for ID-B, IP64 Series 2

125317 : for 2046A-60 and 2046AB-60 (IP model)

For accessories and contact points, see end of dial indicators section



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No.	Measuring force	Mass [g]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	I [mm]
2046A	0,4-1,4	144	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2046A-09	0,4-1,4	146	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2046AB	0,4-1,4	135	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2046AB-09	0,4-1,4	137	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2046A-60	0,4-2,5	146	47,2	70	57	18,1	20	12,3	33,9	7,6
2046AB-60	0,4-2,5	137	47,2	70	57	18,1	20	12,3	33,9	7,6
2310A-10	0,4-1,4	146	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2310AB-10	0,4-1,4	137	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2902A	0,4-1,4	144	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2902AB	0,4-1,4	135	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2047A	0,4-1,4	144	47,2	65,2	57	18,1	20	16,9	19,8	7,6
2047AB	0,4-1,4	135	47,2	65,2	57	18,1	20	16,9	19,8	7,6