

Datenblatt für Messuhren

Data Sheet Dial Gauges

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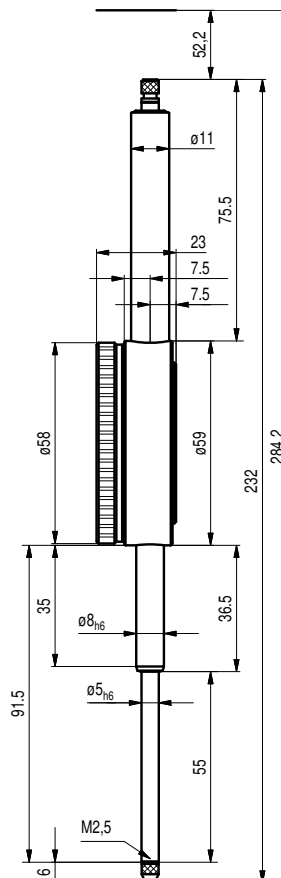
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Konstruktionsmerkmale / *Design Characteristics* DIN EN ISO 463

Messuhren Typ M2/50T / *Dial Gauge Type M2/50T*

Allgemeine Angaben/ General Technical Data		
Skalenteilungswert/ reading	0,01 mm	
Messspanne/ range	50 mm	
Eine Zeigerumdrehung/ range per pointer revolution	1mm	
Außenringdurchmesser/ bezel diameter	58 mm	
Einspannschaftdurchmesser/ stem diameter	8 h6	
Spezifische Anforderungen/ Unique Features		
Stoßschutz/ shockproof	Nein No	
Schutzart IP/ protection category IP	IP40	
Skalenbezeichnung/ dial reading	0-100	
Abmessungen/ Dimensions		
Dicke / thickness	Breite / width	Höhe / height
23 mm	59 mm	284,2 mm
Besonderheit/ Special Features		
Konzentrische Millimeteranzeige/ concentric millimetre pointer		

Technical drawing of a concentric millimetre pointer. The drawing shows a side view of the device with various dimensions labeled. The total height is 284.2 mm. The bezel diameter is 58 mm. The stem diameter is 8 h6. The pointer length is 52.2 mm. The pointer diameter is 11 mm. The pointer is mounted on a base with a diameter of 59 mm. The base has a height of 36.5 mm. The base has a diameter of 58 mm. The base has a height of 35 mm. The base has a diameter of 5 mm. The base has a height of 55 mm. The base has a diameter of 2.5 mm. The base has a height of 6 mm.



Messtechnische Merkmale / *Metrological Characteristics* DIN EN ISO 463

Wiederholgenze (G fw) / <i>repeatability (MPE fw)</i> :	3,0 µm
Messabweichung (G) der Anzeige über einen Bereich von / <i>Error (MPE) within a range of:</i>	
1/10 Umdrehung / <i>1/10 revolution</i>	5,0 µm
½ Umdrehung / <i>½ revolution</i>	10,0 µm
1 Umdrehung / <i>1 revolution</i>	15,0 µm
Messbereich (G fe) / <i>total range (MPE fe)</i>	25,0 µm
Messkraft (MPL) / <i>Measuring force (MPL):</i>	
Höchstwert / <i>maximum:</i>	3,0 N
Mindestwert / <i>minimum:</i>	0,4 N
Hysterese / <i>hysteresis:</i>	2,3 N

G und MPL gelten für die Lage: Vertikal
MPE and MPL in the following position: Vertical