DATASHEET



ARTICLE

Precision Aneroid Barometer - type 'Datema' - 103 PM - diameter 5" - Messing - Brass

Number: 8.05.0203 IMPA number: 370246

SPECIFICATIONS

Measurements: 60 (I) x 150 (w) x 150 (h) mm

Weight: 1,20 kg
Made in: Germany
HS Code: 90258020



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Aneroid barometer for measurement of the absolute atmospheric pressure. Precision movement with self-stable set of five aneroid capsules made of a copper-beryllium alloy.

Measuring range 890 to 1050 hPa Accuracy ± 0.7 hPa Graduation 0.5 hPa

The aneroid capsules are nearly free of age-hardening, hysteresis and elastic after-effects. The influence of temperature on the set of aneroid capsules and the transmission system is compensated by a bimetal over the whole measuring range and for temperatures between -30 to +40 °C (-22 ... 104 °F). The motion of the aneroid capsule is transmitted to the axle of the pointer by driving a segment and wheel with an excellent fine finish of the gearing. All bearings have an excellent fine finish. The Instruments have only got a minimum of idle friction because of the advantageous shape of the levers and bearings.

Case in polished or chromed brass, diameter 165 mm. Mineral glass cover.

Faceplate:130mm Ø Housing: 165mm Ø Height: 80 mm Weight:750 gr

