

MGE 110C/240C

Datasheet for axial clearance measuring device



General description

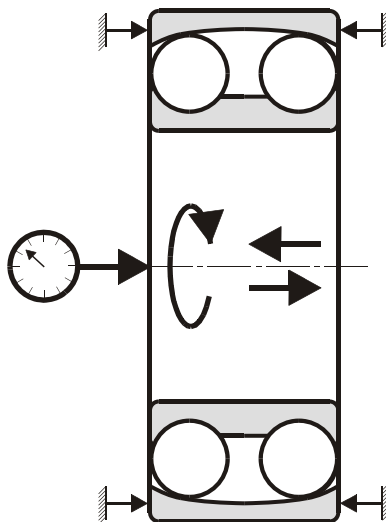
The apparatus, which is hand-operated, is intended for measuring axial clearance in axial loaded bearings. It is built very robust and easy to operate.

The outer ring is axially located and the inner ring is clamped between two axially displaceable washers. These are each displaceable around their respective diaphragms, to permit the balls or rollers to take up their correct positions in the outer ring sphere. The inner ring is swivelled and simultaneously loaded, with alternate loading from the right and from the left, by means of helical springs. The movements of the inner ring, i.e. the axial clearance of the bearing, are read off from a dial indicator.

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Axial clearance measuring device

Measuring principle



Technical specifications

Mechanics

	MGE 110C	MGE 240C
Working range	OD 30 ... 110 mm (1,18 ... 4,33") ID 22 ... 90 mm (0,87 ... 3,54") Width 14 ... 54 mm (0,55 ... 2,13")	OD 95 ... 240 mm (3,74 ... 9,45") ID 40 ... 170 mm (1,57 ... 6,70") Width 20 ... 90 mm (0,79 ... 3,54")
Spindle speed	90 rpm	60 rpm
Workpiece weight	up to 3,5 kg (7,72 lbs)	up to 20 kg (44 lbs)
Resetting time	Approx. 10 min.	
Tools	Type specific tools	
Paint	SKF product blue RAL 5015	

Requirements

Electrical system	3 x 400 V/50 Hz/0,12 kVA
Pneumatic system Air pressure Air quality	5 bar (72,5 psi) at least Clean and dry air

Technical specifications subject to change without notice.

For more information on your specific application, please contact our engineers at QTC.