**L 210 X 250 X 22**

**Item number 301321**

**Technical data**

- **Outer ring material**: Aluminum (GD AlSi 12)
- **Inner ring material**: Unalloyed construction steel
- **Inner diameter ID**: 210 mm
- **Outer diameter OD**: 250 mm
- **Installed width W**: 22 mm
- **Sealing gap**: Horizontal
- **Axial play $S_{ax}$****: 1 mm
- **Radial play $S_{rad}$****: $S_{rad} = S_{ax}/\tan(42.5°)$
- **Gap diameter $e$**: 244.5 mm
- **Gap height**: Constant 0.2–0.5 mm (depending upon size)
- **Speed limit**: 4000 rpm
- **Weight**: 1.9597 kg
- **Operating temperature $t$**: -40° - 200°C

*The aluminum outer ring can be slightly non-round as supplied. By pressing in the seal, the relatively easily deformable ring fits the roundness of the hub. The outer ring can be up to 0.1 mm wider than the inner ring due to manufacturing. GMN metal labyrinth seals are pressed through a calibration ring (‘zero dimension’). The outer ring then springs back due to its elasticity.*

**Installation**

*l* Length (chamfering of shaft and housing) depending on the width $W$: $l = 0.1 \times B$

**Component tolerances**

- Housing: K7 / Shaft: h6
- Surface quality: $Rz \leq 16 \mu m$; $Ra \leq 3.2 \mu m$