**L 80 X 100 X 10**

**Item number 301266**

**Technical data**

- Outer ring material: Aluminum (GD AlSi 12)
- Inner ring material: Unalloyed construction steel
- Inner diameter ID: 80 mm
- Outer diameter OD: 100 mm
- Installed width W: 10 mm
- Sealing gap: Horizontal
- Axial play $S_{ax}$: 0.42 mm
- Radial play $S_{rad}$: $S_{rad} = S_{ax} / \tan (42.5^\circ)$
- Gap diameter $e$: 95 mm
- Gap height: Constant 0.2–0.5 mm (depending upon size)
- Speed limit: 14500 rpm
- Weight: 0.1575 kg
- Operating temperature $t$: -40° - 200°C

**Axial play:**

**Installation**

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

**Component tolerances**

- Surrounding structure (mating parts):
  - Housing: K7 / Shaft: h6
  - Surface quality: $Rz \leq 16 \mu m$; $Ra \leq 3.2 \mu m$