



Part Number	<b>CF 6012 S10</b>
Series	CF 60
Drain Grooves	No

**Material<sup>1</sup>**

Inner Ring	Steel
Outer Ring	Steel

**ID & OD Tolerances**

ID Tolerance	-0 $\mu$ to +14 $\mu$
OD Tolerance	-16 $\mu$ to +0 $\mu$
Shaft & Housing Surface	Rz $\leq$ 16 $\mu$ m ; Ra $\leq$ 3.2 $\mu$ m

**Dimensions**

Bore Diameter	ID [mm]	60
Outer Diameter	OD [mm]	95
Width	W [mm]	6
Minor Gap Diameter	e <sub>1</sub> [mm]	72
Major Gap Diameter	e <sub>2</sub> [mm]	82
Axial Clearance <sup>2</sup>	S <sub>ax</sub> [mm]	1

**Misc. Data**

Weight	[kg]	0.202
Max Speed <sup>3</sup>	[rpm]	N/A
Temperature Range	[°C]	-40 – 170

**Notes:**

- Other materials available on request.
  - Axial Clearance (S<sub>ax</sub>) = The total axial movement of the seal's inner ring in relation to the outer ring in the axial direction.
  - The stated speed value is contingent on utilizing specified tolerances, correct installation techniques, and an operating temperature below the specified maximum. CF60/619 Seals are installed between the spindle bearing and the shaft nut. This prevents any axial mobility and removes the need for a speed limit.
  - Installation example with preload transferred through seal.
  - Installation example with gap between seal and bearing.
  - Mounting aid suggested to ensure proper axial alignment after installation.
- \* Contact GMN USA engineers for any technical assistance.

