

Part Number	CF 61916 S10
Series	CF 619
Drain Grooves	No

#### Material<sup>1</sup>

Inner Ring	Steel
Outer Ring	Steel

## ID & OD Tolerances

ID Tolerance	-0µ to +14µ	
OD Tolerance	-16µ to +0µ	
Shaft & Housing Surface	Rz ≤ 16µm ; Ra ≤ 3.2µm	

# Notes:

1. Other materials available on request.

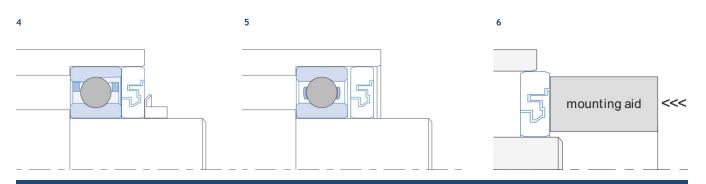
2. Axial Clearance ( $S_{ax}$ ) = The total axial movement of the seal's inner ring in relation to the outer ring in the axial direction.

3. 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.

4. Installation example with preload transferred through seal.

- 5. Installation example with gap between seal and bearing.
- 6. Mounting aid suggested to ensure proper axial alignment after installation.

\* Contact GMN USA engineers for any technical assistance.



GMN Bearing USA 22935 Elkana Deane Lane Katy, Texas 77449



## Dimensions

Bore Diameter	ID [mm]	80
Outer Diameter	OD [mm]	110
Width	W [mm]	6
Minor Gap Diameter	e₁ [mm]	90
Major Gap Diameter	e <sub>2</sub> [mm]	100
Axial Clearance <sup>2</sup>	S <sub>ax</sub> [mm]	1

### Misc. Data

Weight	[kg]	0.212
Max Speed <sup>3</sup>	[rpm]	N/A
Temperature Range	[°C]	-40 – 170