



Part Number	CF 61909 S10
Series	CF 619
Drain Grooves	No

Material¹

Inner Ring	Steel
Outer Ring	Steel

ID & OD Tolerances

ID Tolerance	-0 μ to +12 μ
OD Tolerance	-14 μ to +0 μ
Shaft & Housing Surface	Rz \leq 16 μ m ; Ra \leq 3.2 μ m

Dimensions

Bore Diameter	ID [mm]	45
Outer Diameter	OD [mm]	68
Width	W [mm]	6
Minor Gap Diameter	e ₁ [mm]	53
Major Gap Diameter	e ₂ [mm]	63
Axial Clearance ²	S _{ax} [mm]	1

Misc. Data

Weight	[kg]	0.097
Max Speed ³	[rpm]	N/A
Temperature Range	[°C]	-40 – 170

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.

