



Part Number	CF 6019 S10
Series	CF 60
Drain Grooves	No

Material¹

Inner Ring	Steel
Outer Ring	Steel

ID & OD Tolerances

ID Tolerance	-0 μ to +16 μ
OD Tolerance	-18 μ to +0 μ
Shaft & Housing Surface	Rz \leq 16 μ m ; Ra \leq 3.2 μ m

Dimensions

Bore Diameter	ID [mm]	95
Outer Diameter	OD [mm]	145
Width	W [mm]	6
Minor Gap Diameter	e ₁ [mm]	112
Major Gap Diameter	e ₂ [mm]	122
Axial Clearance ²	S _{ax} [mm]	1

Misc. Data

Weight	[kg]	0.447
Max Speed ³	[rpm]	N/A
Temperature Range	[°C]	-40 – 170

Notes:

- Other materials available on request.
 - Axial Clearance (S_{ax}) = 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.

