

Data Sheet Non-Contact Seals



GMN Germany

ID [mm]

OD [mm]

W [mm]

e₁ [mm]

e₂ [mm]

Sax [mm]

25

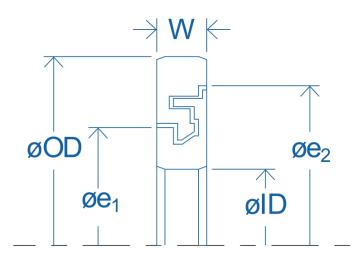
52

6

34

44

1



Part Number	CF 6205 A0
Series	CF 62
Drain Grooves	No

Material¹

Inner Ring	Aluminum
Outer Ring	Aluminum

Shaft & Housing Tolerances

Shaft Tolerance	k5
Housing Tolerance	J6
Shaft & Housing Surface	Rz ≤ 16µm ; Ra ≤ 3.2µm

Share a riousing roterances

Misc.	Data

Dimensions

Bore Diameter

Width

Outer Diameter

Minor Gap Diameter

Major Gap Diameter

Axial Clearance²

Weight	[kg]	0.026	
Max Speed ³	[rpm]	36,570	
Temperature Range	[°C]	-40 – 200	

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.

