

# Miniature Thrust Ball Bearing

Part No.: **F3-8GW**

Size: **3 x 8 x 3.5 mm**



*Grooved Raceway  
in Washer*

## BASIC INFORMATION

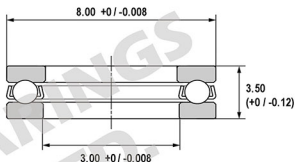
For Shaft Diameter: 3 mm  
Bore Dia (d): 3 mm  
Bore Dia Tolerance: -0.008 mm to 0

For Housing ID: 8 mm  
Outer Dia (D): 8 mm  
Outer Dia Tolerance: -0.008 mm to 0

Height: 3.5 mm  
Height Tolerance: -0.12 mm to 0

Washer: chrome steel SAE52100  
Cage:  Steel  Bronze  
Ball: chrome steel SAE52100  
Ball Size: 1.588 mm  
Ball Qty: 6 pieces

Dynamic Load Rating (Cr) (Newtons): 600  
Static Load Rating (Cor) (Newtons): 480  
Max Speed (Grease) (X1000 RPM): 11  
Max Speed (Oil) (X1000 RPM): 15  
Lubrication: Required  
Working Temperature: -30° to 110 °C  
Weight (grams): 0.9  
RoHS: Compliant



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**F3-8GW**  
Miniature Thrust Ball Bearing

PART  
SIZE

Metric  
3 x 8 x 3.5 mm

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