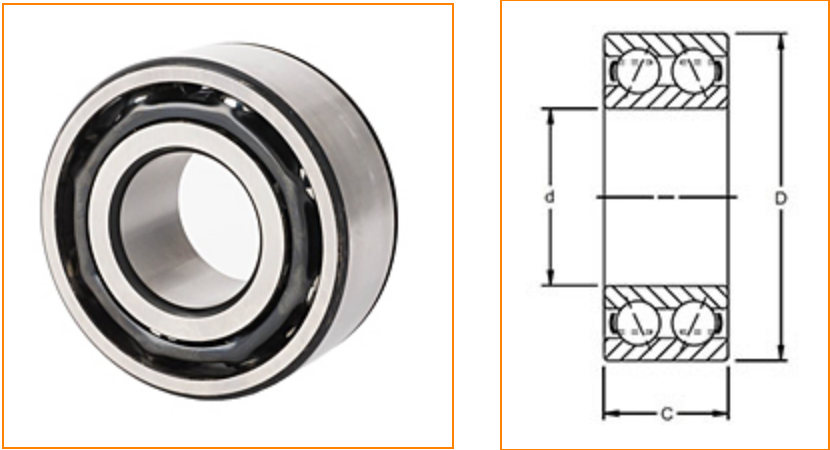




The Timken Company
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Part Number 5207K, **Fafnir®** Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#) | [Abutment and Fillet Dimensions](#)

Specifications	
Design Units	Metric
d - Bore	35 mm
Ball Type	STEEL
Cage Type	Snap In
Manufacturing Part Number	5207K C3

Dimensions	
D - Outer Diameter	72 mm 2.8346 in
C - Ring Width	26.97 mm 1.062 in
Contact Angle	20 °



Basic Load Ratings

C0 - Static Radial Rating	29000 N 6550 lbf
Ce - Dynamic Radial Rating¹	45000 N 10200 lbf

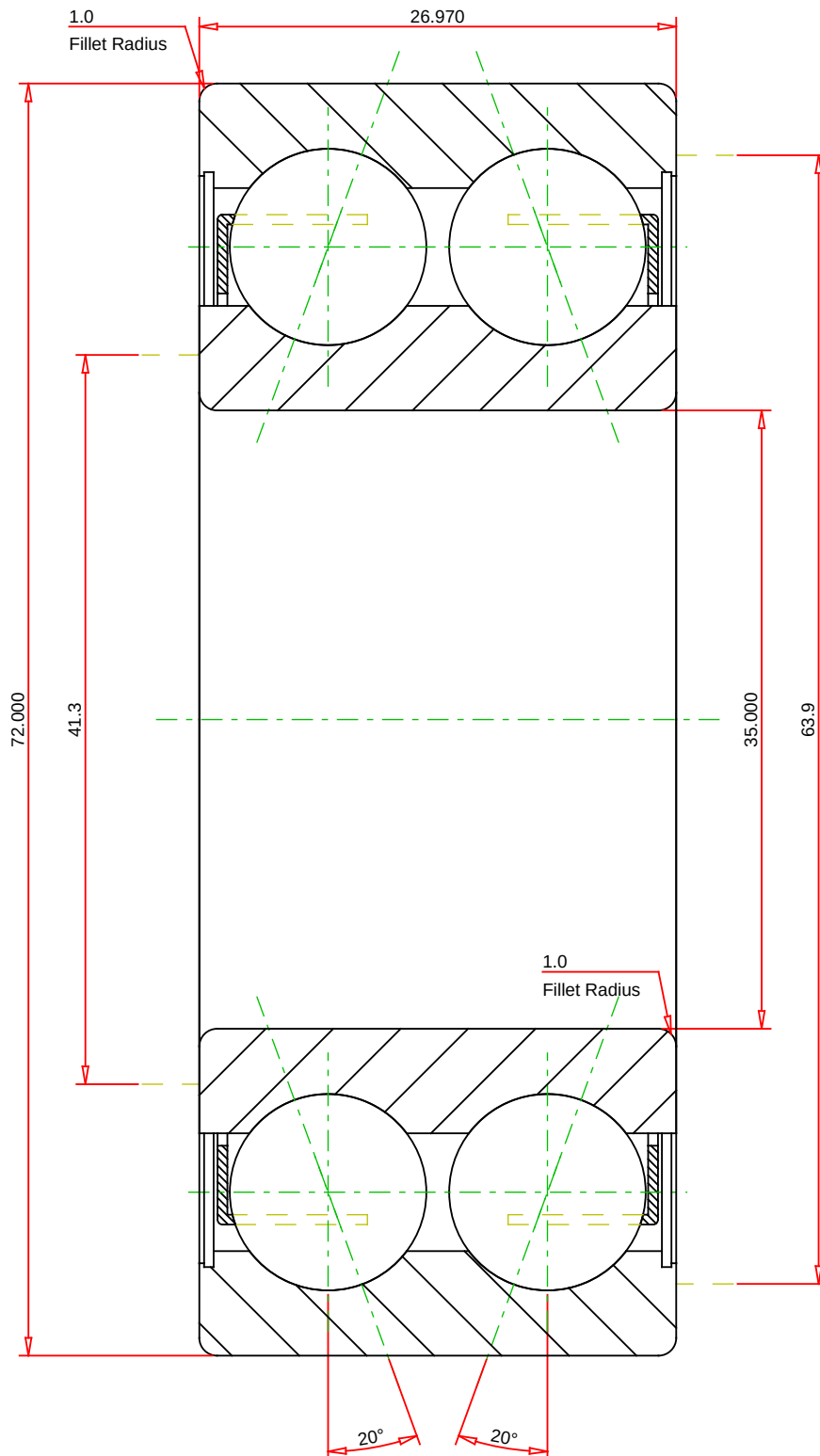
Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	1 mm 0.039 in
r - Outer Ring "To Clear" Radius³	1 mm 0.039 in
da - Inner Ring Backing Diameter	41.275 mm 1.625 in
Da - Outer Ring Backing Diameter	63.881 mm 2.515 in

¹ Based on 10^6 revolutions of calculated fatigue life.

² Maximum housing fillet radius that bearing corners will clear.

³ Maximum shaft fillet radius that bearing corners will clear.



METRIC UNITS

Number of Balls Per Row Bearing Weight 9 0.481 kg	TIMKEN® THE TIMKEN COMPANY NORTH CANTON, OHIO USA	5207K Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400) Dynamic Load Rating 45000 N Static Load Rating 29000 N
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Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY