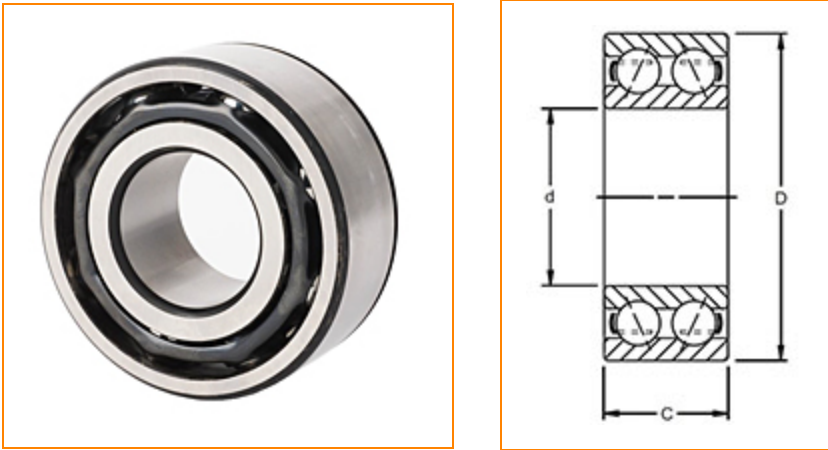




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Part Number 5310K, Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



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

Specifications	
Design Units	Metric
d - Bore	50 mm
Ball Type	STEEL
Cage Type	Snap In
Manufacturing Part Number	5310K C3

Dimensions	
D - Outer Diameter	110 mm 4.3307 in
C - Ring Width	44.45 mm 1.7500 in
Contact Angle	20 °



Basic Load Ratings

C0 - Static Radial Rating	73000 N 16600 lbf
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Ce - Dynamic Radial Rating¹	111000 N 25000 lbf
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Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	2 mm 0.079 in
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r - Outer Ring "To Clear" Radius³	2 mm 0.079 in
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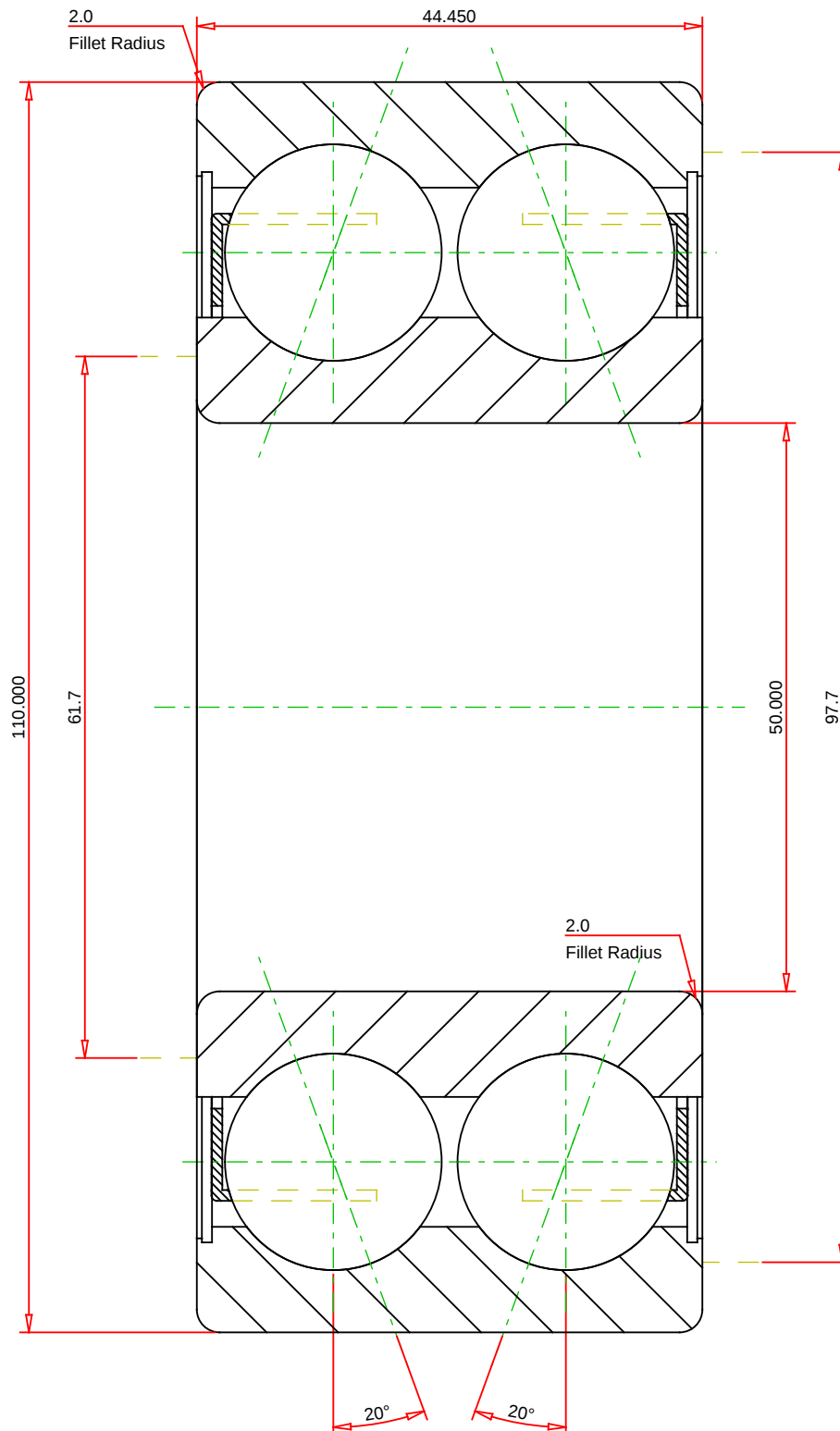
da - Inner Ring Backing Diameter	61.722 mm 2.430 in
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Da - Outer Ring Backing Diameter	97.663 mm 3.845 in
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¹ Based on 10^6 revolutions of calculated fatigue life.

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	8 2.091 kg	TIMKEN®	5310K Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)	
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA	Dynamic Load Rating111000 N Static Load Rating73000 N	

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