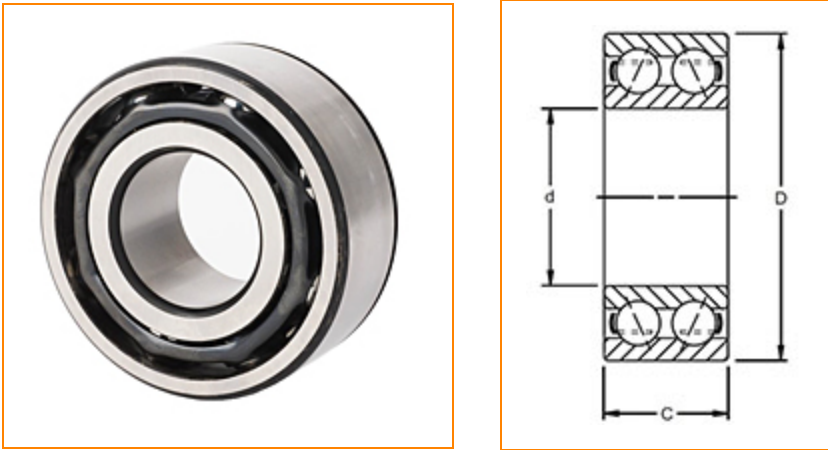




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Part Number 5214K, **Fafnir®** Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



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

Specifications	
Design Units	Metric
d - Bore	70 mm
Ball Type	STEEL
Cage Type	Snap In
Manufacturing Part Number	5214KC3

Dimensions	
D - Outer Diameter	125 mm 4.9213 in
C - Ring Width	39.67 mm 1.562 in
Contact Angle	20 °



Basic Load Ratings

C0 - Static Radial Rating	84000 N 19000 lbf
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Ce - Dynamic Radial Rating¹	108000 N 24500 lbf
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Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	1.5 mm 0.059 in
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r - Outer Ring "To Clear" Radius³	1.5 mm 0.059 in
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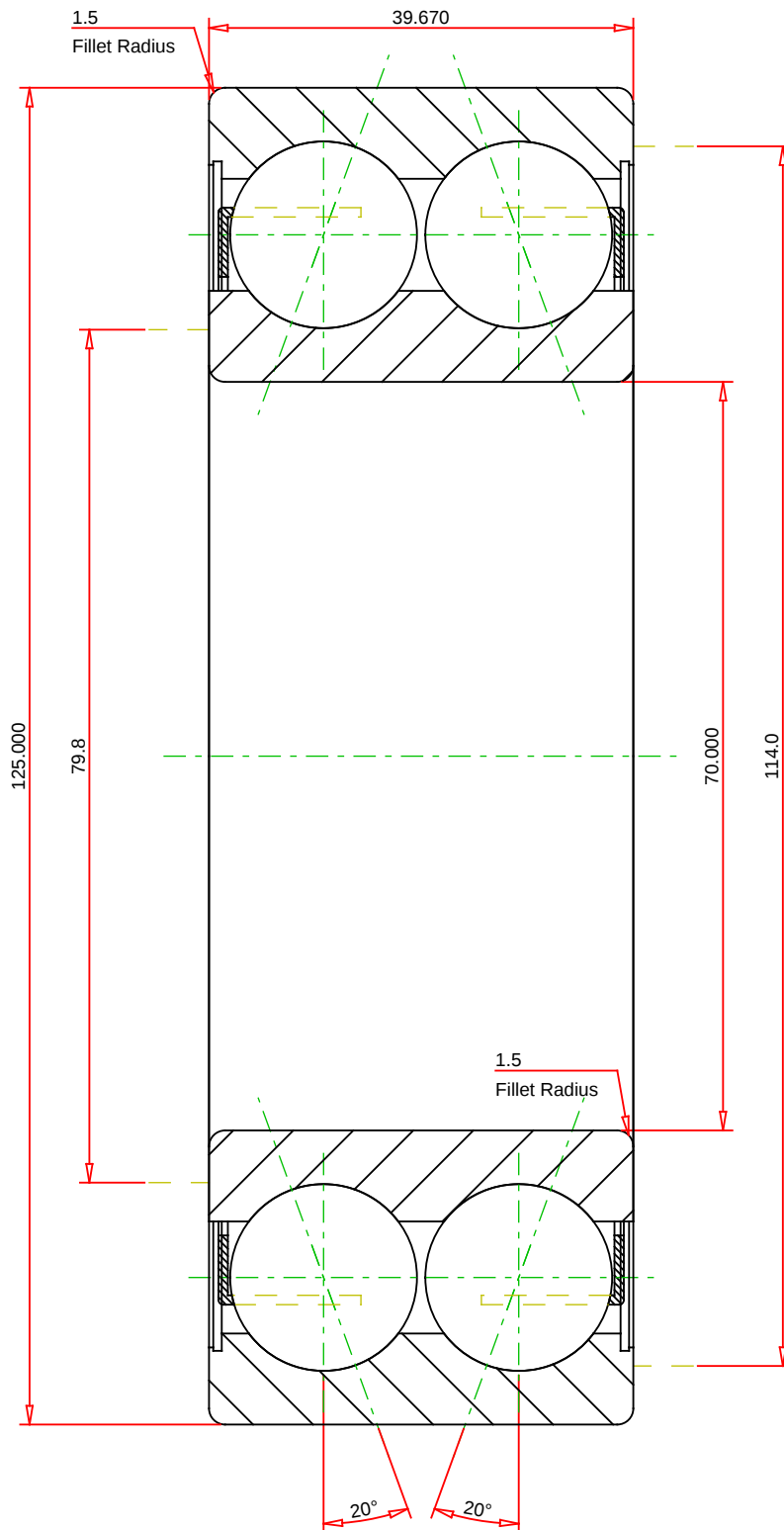
da - Inner Ring Backing Diameter	79.756 mm 3.140 in
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Da - Outer Ring Backing Diameter	114.046 mm 4.490 in
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¹ Based on 10^6 revolutions of calculated fatigue life.

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	10 2.096 kg		5214K Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)	
			Dynamic Load Rating	108000 N
			Static Load Rating	84000 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