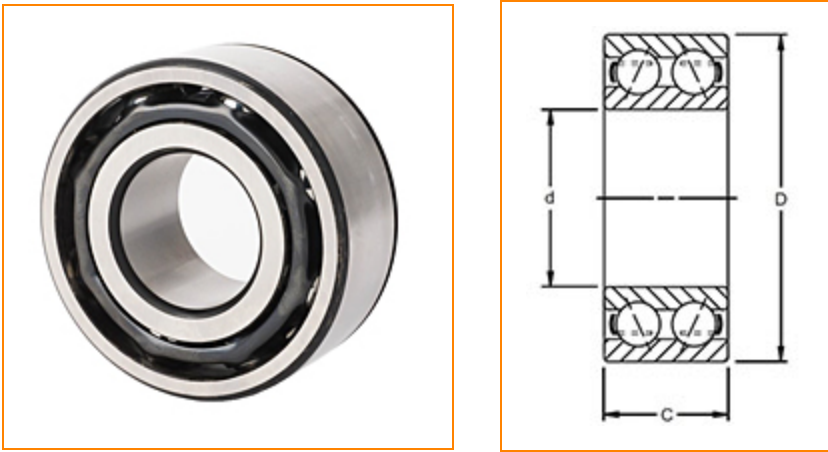




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Part Number 5320WBR, **Fafnir®** Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



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

Specifications	
Design Units	Metric
d - Bore	100 mm
Ball Type	STEEL
Cage Type	Machined

Dimensions	
D - Outer Diameter	215 mm 8.4646 in
C - Ring Width	82.55 mm 3.2500 in
Contact Angle	20 °



Basic Load Ratings

C0 - Static Radial Rating	377000 N 85000 lbf
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Ce - Dynamic Radial Rating¹	377000 N 85000 lbf
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Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	2.5 mm 0.098 in
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r - Outer Ring "To Clear" Radius³	2.5 mm 0.098 in
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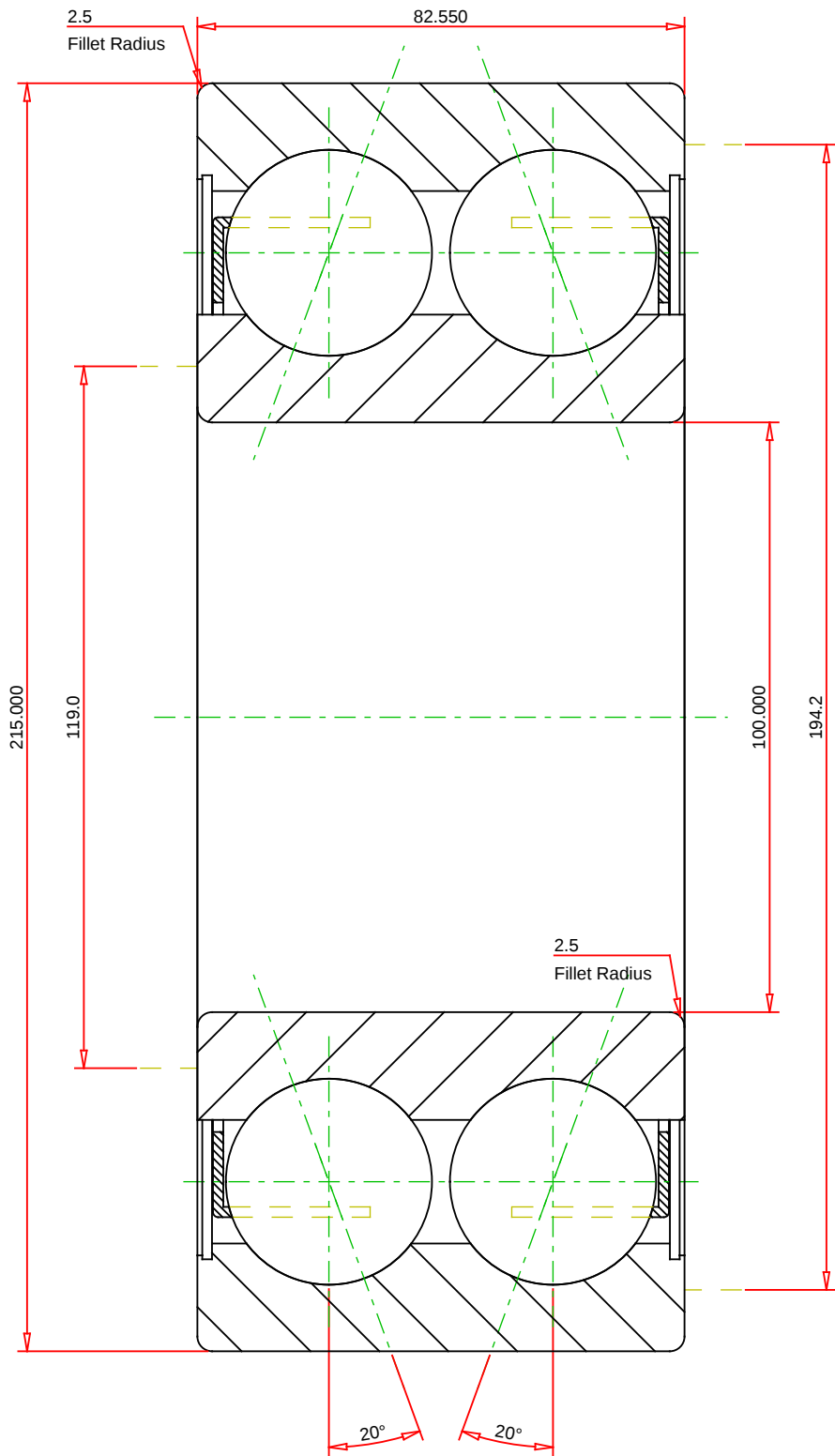
da - Inner Ring Backing Diameter	118.999 mm 4.685 in
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Da - Outer Ring Backing Diameter	194.183 mm 7.645 in
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¹ Based on 10^6 revolutions of calculated fatigue life.

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 12
Bearing Weight 14.333 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

5320WBR
Fafnir® Double Row Angular Contact Ball Bearings
(5200, 5300, 5400)

Dynamic Load Rating 377000 N
Static Load Rating 377000 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