



The Timken Company

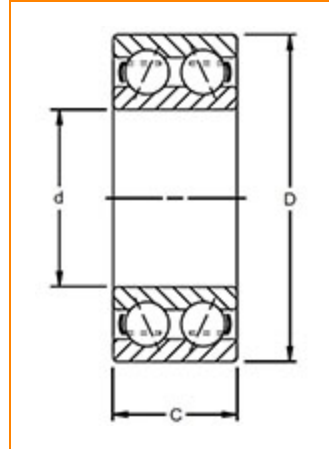
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Part Number 5311WBR, Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



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Specifications

Design Units	Metric
d - Bore	55 mm
Ball Type	STEEL
Cage Type	Machined

Dimensions

D - Outer Diameter	120 mm 4.7244 in
C - Ring Width	49.22 mm 1.938 in
 Contact Angle	20 °

Basic Load Ratings

C0 - Static Radial Rating	113000 N 25500 lbf
Ce - Dynamic Radial Rating¹	144000 N 32500 lbf

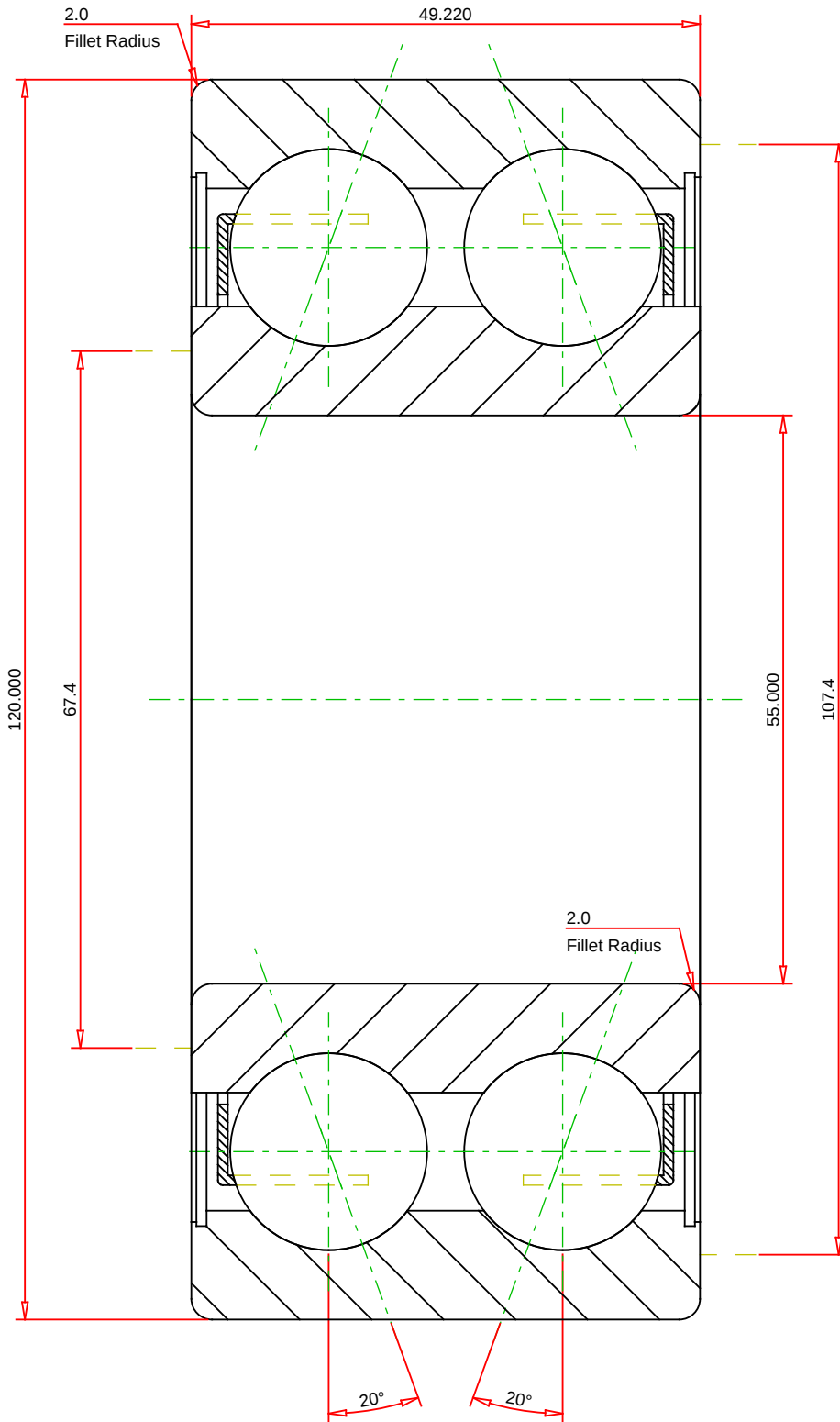
Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	2 mm 0.079 in
r - Outer Ring "To Clear" Radius³	2 mm 0.079 in
da - Inner Ring Backing Diameter	67.437 mm 2.655 in
Da - Outer Ring Backing Diameter	107.442 mm 4.230 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	12 2.722 kg	TIMKEN®	5311WBR Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)	
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA	Dynamic Load Rating	144000 N
			Static Load Rating	113000 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.

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