



The Timken Company

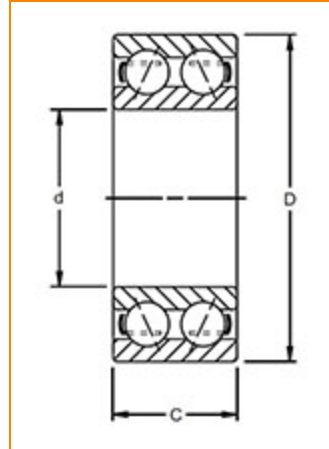
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Part Number 5308W, Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



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Specifications

Design Units	Metric
d - Bore	40 mm
Ball Type	STEEL
Cage Type	Snap In
Manufacturing Part Number	5308W C1

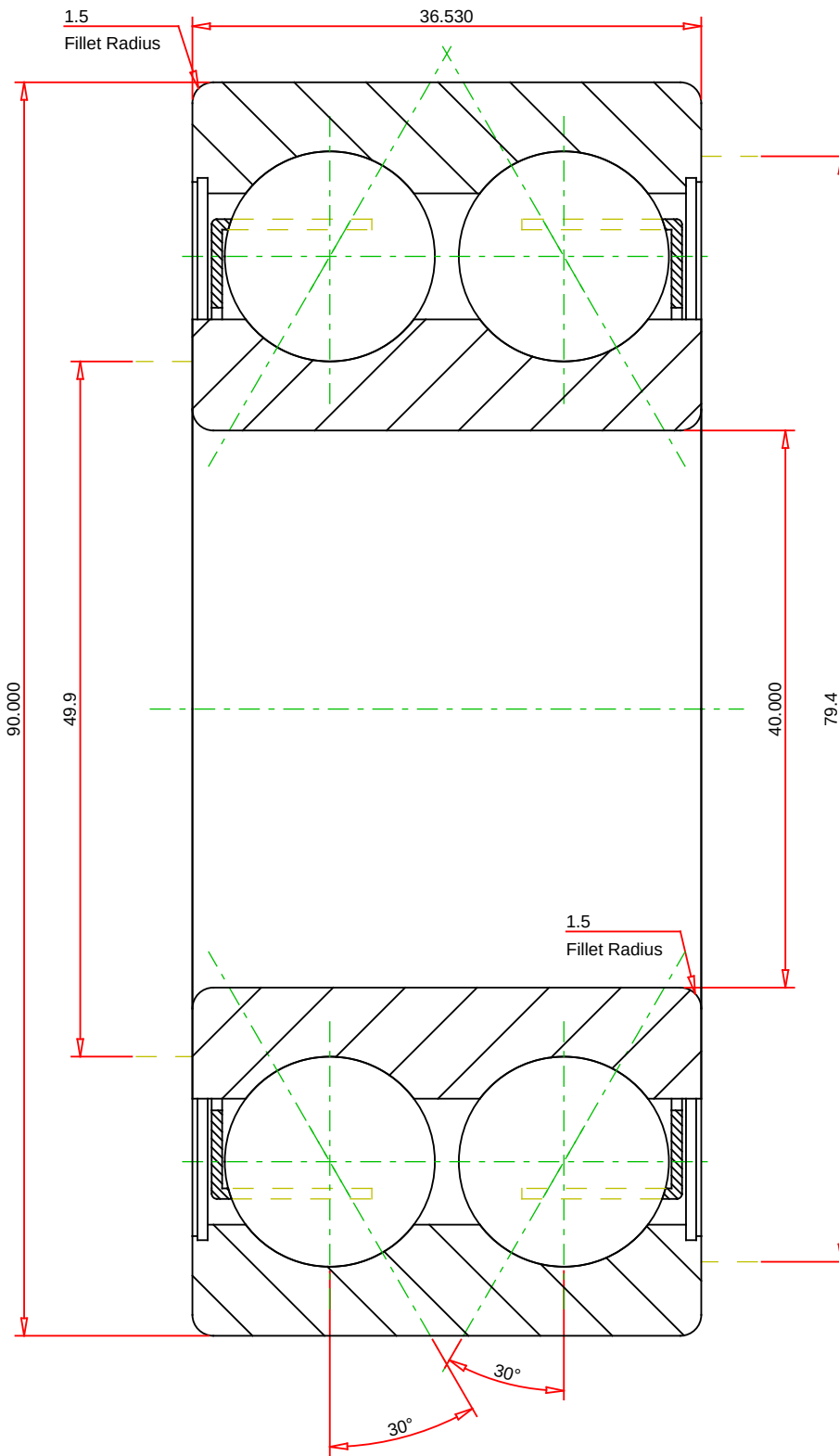
Dimensions

D - Outer Diameter	90 mm 3.5433 in
 - Ring Width	36.53 mm 1.438 in

Contact Angle

30 °

Basic Load Ratings**C0 - Static Radial Rating**66600 N
15000 lbf**Ce - Dynamic Radial Rating¹**90600 N
20400 lbf**Abutment and Fillet Dimensions****R - Inner Ring "To Clear" Radius²**1.5 mm
0.059 in**r - Outer Ring "To Clear" Radius³**1.5 mm
0.059 in**da - Inner Ring Backing Diameter**49.911 mm
1.965 in**Da - Outer Ring Backing
Diameter**79.375 mm
3.125 in¹ 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 1.139 kg	TIMKEN®	5308W Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)	
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA	Dynamic Load Rating	90600 N
			Static Load Rating	66600 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