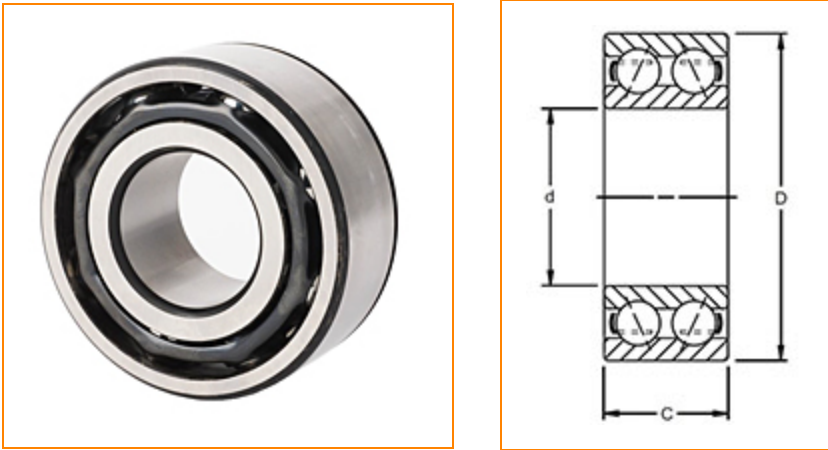




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Part Number 5203K, **Fafnir®** Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



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

Specifications	
Design Units	Metric
d - Bore	17 mm
Ball Type	STEEL
Cage Type	Snap In
Manufacturing Part Number	5203K C1

Dimensions	
D - Outer Diameter	40 mm 1.5748 in
C - Ring Width	17.48 mm 0.688 in
Contact Angle	20 °



Basic Load Ratings

C0 - Static Radial Rating	9200 N 2080 lbf
Ce - Dynamic Radial Rating¹	16800 N 3800 lbf

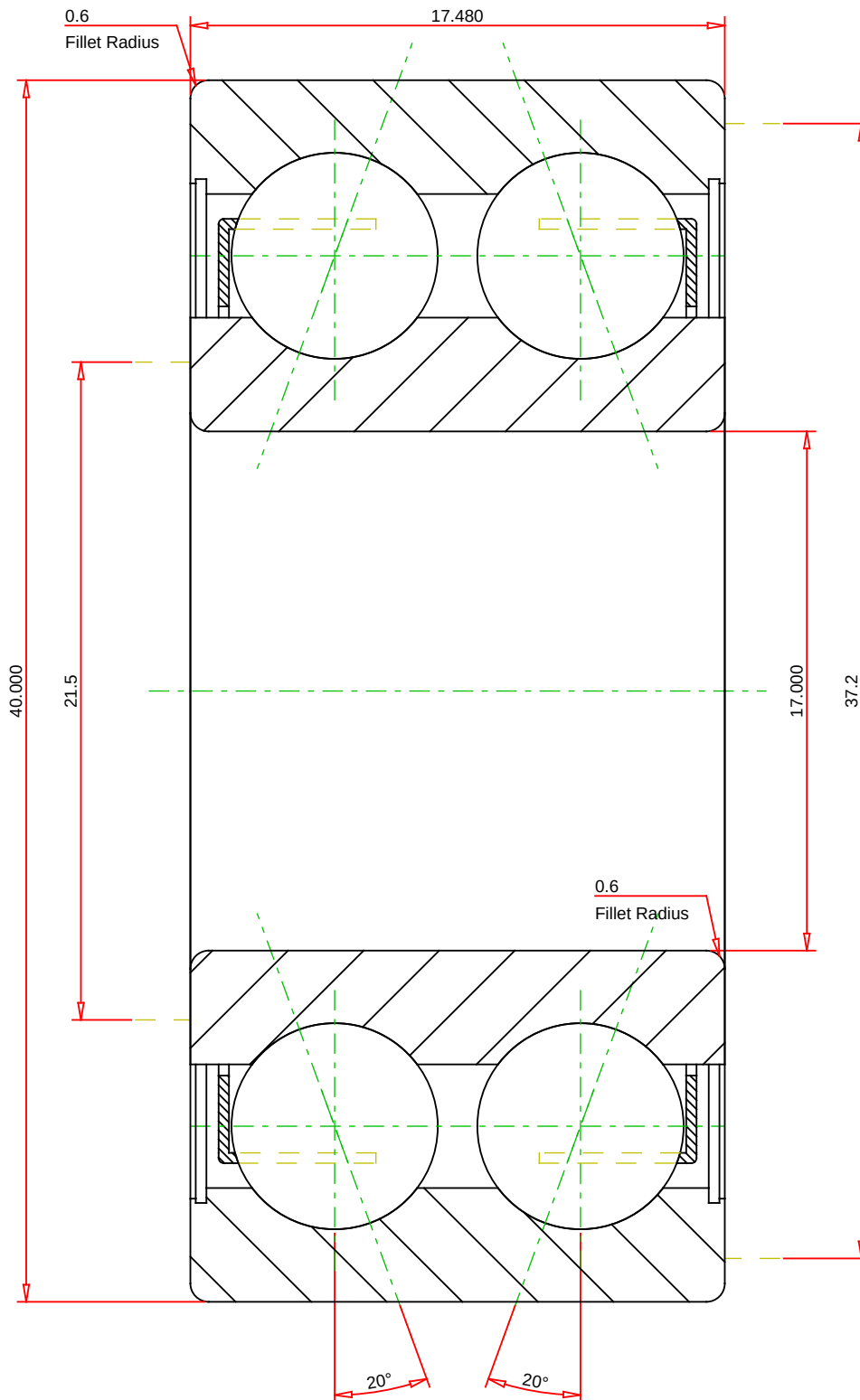
Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	0.6 mm 0.024 in
r - Outer Ring "To Clear" Radius³	0.6 mm 0.024 in
da - Inner Ring Backing Diameter	21.539 mm 0.848 in
Da - Outer Ring Backing Diameter	37.160 mm 1.463 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	8 0.104 kg	TIMKEN®		5203K Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)			
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA		Dynamic Load Rating		16800	N
				Static Load Rating		9200	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