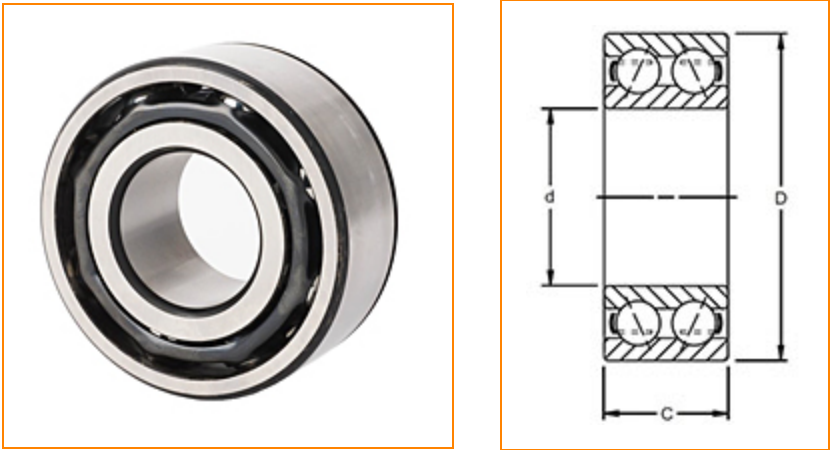




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Part Number 5200K, Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



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

Specifications	
Design Units	Metric
d - Bore	10 mm
Ball Type	STEEL
Cage Type	Molded
Manufacturing Part Number	5200K Z5

Dimensions	
D - Outer Diameter	30 mm 1.1811 in
C - Ring Width	14.27 mm 0.562 in
Contact Angle	20 °



Basic Load Ratings

C0 - Static Radial Rating	5060 N 1140 lbf
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Ce - Dynamic Radial Rating¹	10600 N 2400 lbf
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Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	0.6 mm 0.024 in
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r - Outer Ring "To Clear" Radius³	0.6 mm 0.024 in
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da - Inner Ring Backing Diameter	16.256 mm 0.640 in
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Da - Outer Ring Backing Diameter	24.028 mm 0.946 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.

