


The Timken Company

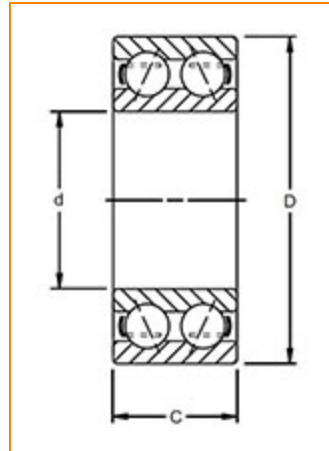
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Part Number 3305 ATN1/2RS, Timken® Double Row Angular Contact Ball Bearings (3200, 3300)



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Specifications

Design Units	Metric
d - Bore	25 mm
Features	Contact Seals
Ball Type	STEEL
Cage Type	Molded
Cage Material	Nylon

Dimensions

D - Outer Diameter	2.4409 in 62 mm
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C - Ring Width	1 in 25.4 mm
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Contact Angle	30 °
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Basic Load Ratings

C0 - Static Radial Rating	4360 lbf 19400 N
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C1 ISO - Dynamic Radial Rating	6496 lbf 28900 N
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Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius¹	0.043 in 1.1 mm
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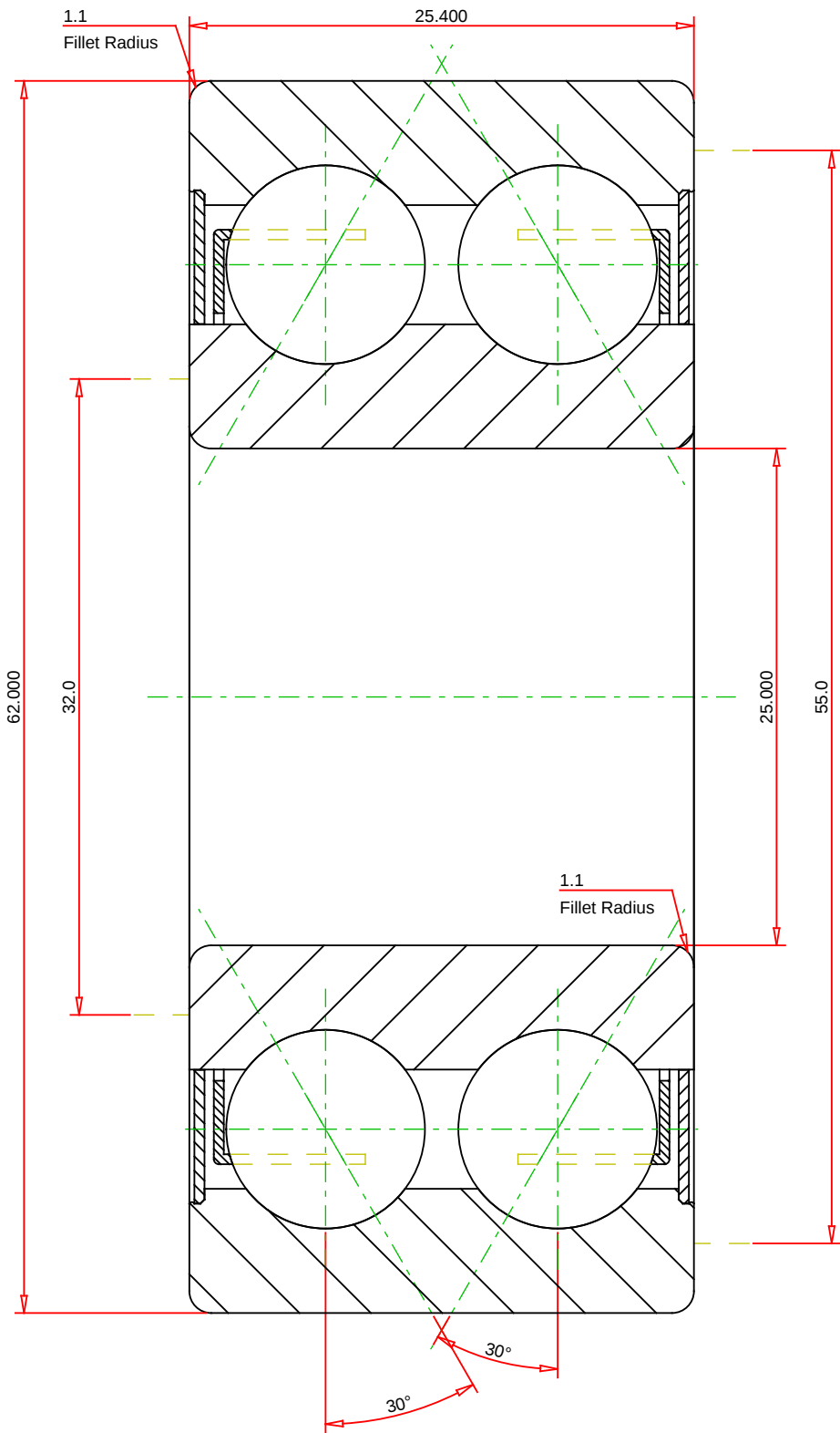
r - Outer Ring "To Clear" Radius²	0.043 in 1.1 mm
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da - Inner Ring Backing Diameter	1.260 in 32.0 mm
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Da - Outer Ring Backing Diameter	2.165 in 55.0 mm
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¹ Maximum housing fillet radius that bearing corners will clear.

² Maximum shaft fillet radius that bearing corners will clear.



METRIC UNITS

Number of Balls Per Row 16 Bearing Weight 0.190 kg	TIMKEN® THE TIMKEN COMPANY NORTH CANTON, OHIO USA	3305 ATN1/2RS Timken® Double Row Angular Contact Ball Bearings (3200, 3300) Dynamic Load Rating 28900 N Static Load Rating 19400 N
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