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Timken Part Number 5306W, Fafnir® Double Row Angular Contact Ball Bearings (5200, 5300, 5400)



Dimensions | Basic Load Ratings | Specifications | Abutment and Fillet Dimensions

Dimensions

d - Bore	30.000 mm 1.1811 in
D - Outer Diameter	72.000 mm 2.8346 in
C - Ring Width	30.170 mm 1.1880 in
Contact Angle	30 °
do - Ball Diameter	12.70000 mm 0.50000 in

Basic Load Ratings

C0 - Static Radial Rating	41000 N 9300 lbf
Ce - Dynamic Radial Rating[1]	62000 N 14000 lbf

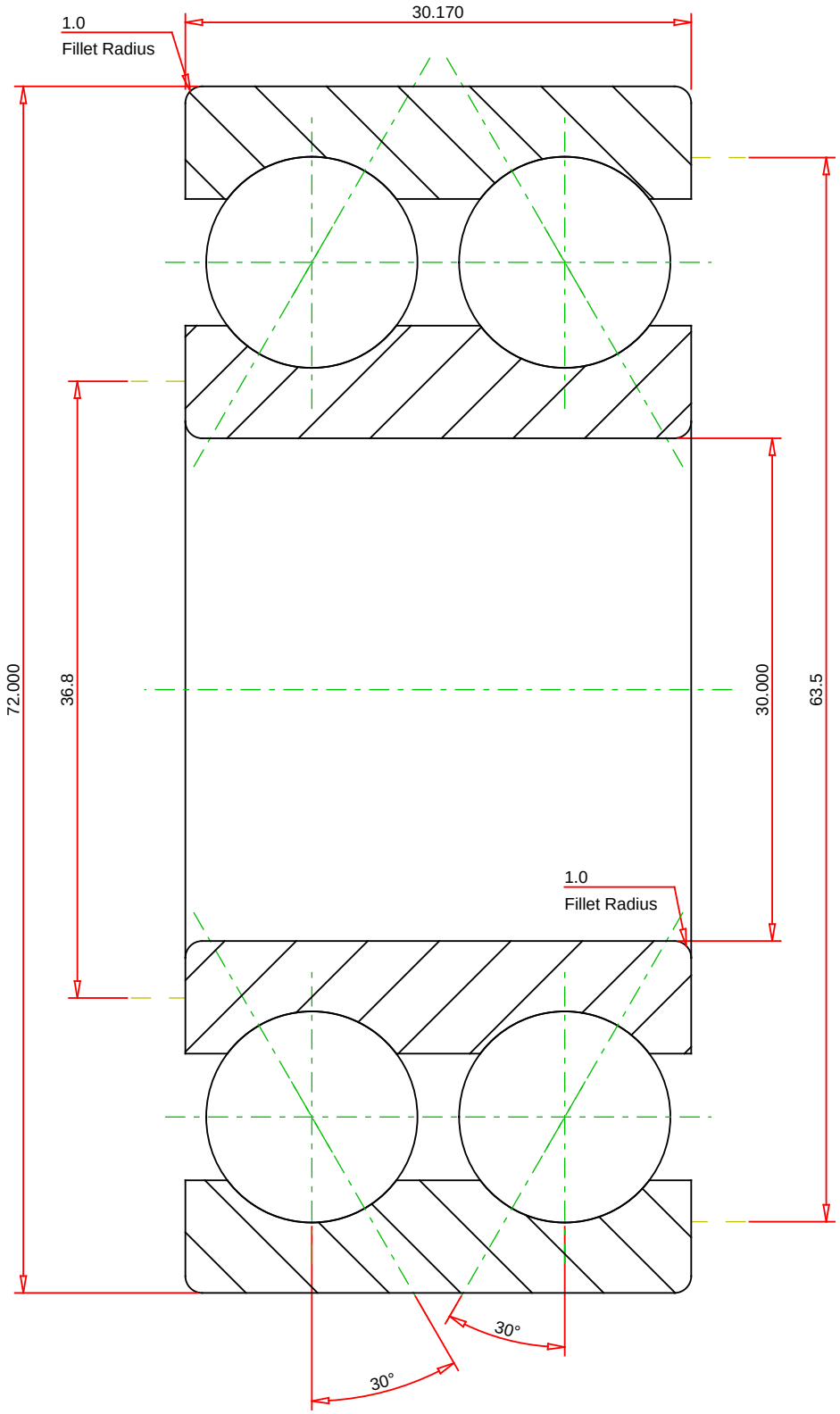
Specifications

Ball Type	Steel
Cage Type	Snap In
Bearing Weight	0.612 Kg 1.35 lb
Design Units	METRIC

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius[2]	1.000 mm 0.039 in
r - Outer Ring "To Clear" Radius[3]	1.000 mm 0.039 in
da - Inner Ring Backing Diameter	36.800 mm 1.450 in
Da - Outer Ring Backing Diameter	63.500 mm 2.500 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	11	
Bearing Weight	0.612	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

5306W

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(5200, 5300, 5400)

Dynamic Load Rating	62000	N
Static Load Rating	41000	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