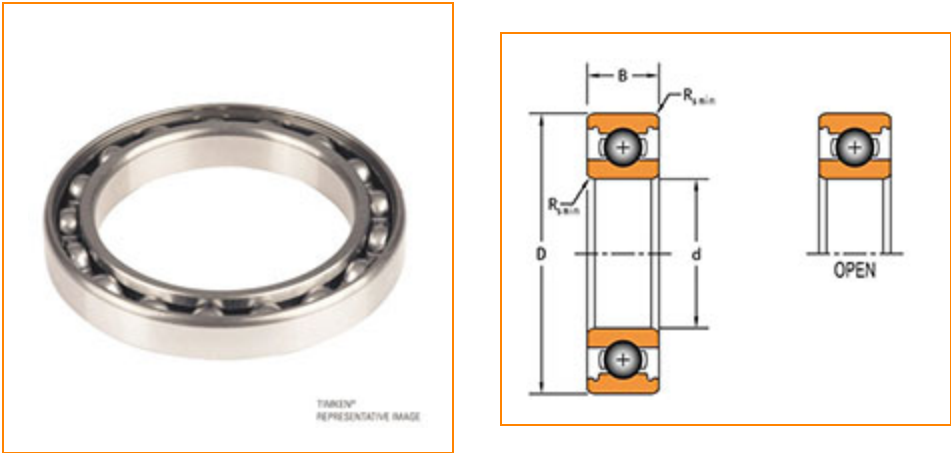




The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number 61807, Thin Section Ball Bearings (61800, 61900)

Timken’s deep groove ball bearings deliver reliable performance in a wide range of applications and conditions. With super-finished raceways and controlled geometries, our premium design helps ensure consistent quality.



[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#) | [Factors](#)

Specifications	
Clearance	C0 (Normal)
Bore Size d	35 mm
Features	Open

Dimensions	
Outside Diameter D	47 mm
Outside Ring Width B	7 mm
Fillet Radius/Chamfer	0.3 mm



Basic Load Ratings

Cr - Dynamic Load Rating	4700 N
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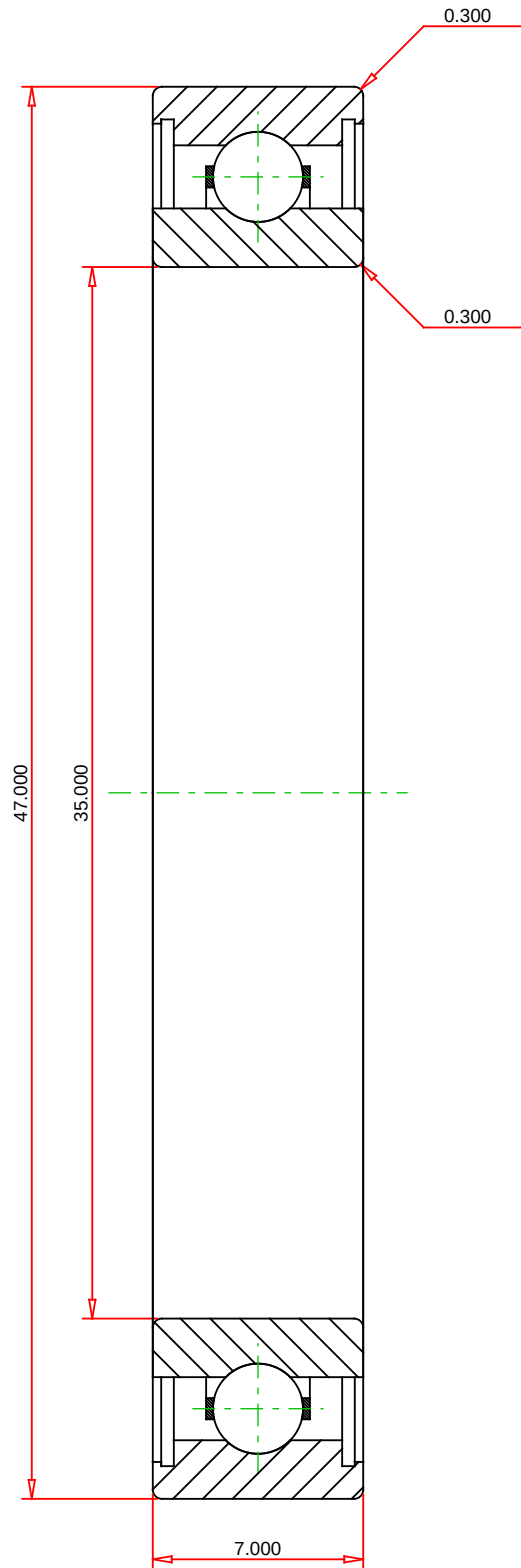
C0r - Static Load Rating	3800 N
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Factors

Grease Reference Speed	13000 rpm
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Grease Limiting Speed	13000 rpm
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Oil Reference Speed	16000 rpm
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METRIC UNITS

Weight 0.027 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

61807
Thin Section Ball Bearings (61800, 61900)

Dynamic Load Rating	4700	N
Static Load Rating	3800	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