

**TIMKEN****The Timken Company**

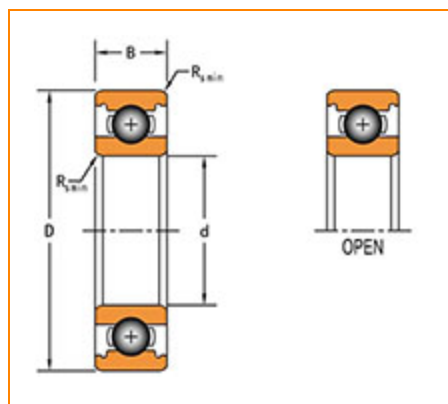
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E-Mail: [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • Web site: [www.timken.com](http://www.timken.com)**Part Number 61808, Thin Section Ball Bearings (61700, 61800, 61900)**

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.



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**Specifications**

Clearance	C0 (Normal)
Bore Size d	40.000 mm
Features	Open
Weight	0.029 Kg

**Dimensions**

Outside Diameter D	52.000 mm
Outside Ring Width B	7.000 mm
Radius R <sub>s min</sub>	0.300 mm



## Basic Load Ratings

Cr - Dynamic Load Rating	4.9 kN
C0r - Static Load Rating	4.2 kN

## Factors

Grease Limiting Speed	12000 rpm
Oil Limiting Speed	14000 rpm



METRIC UNITS

Weight 0.029 kg

**TIMKEN**®

**THE TIMKEN COMPANY**  
NORTH CANTON, OHIO USA

**61808**  
Thin Section Ball Bearings (61700, 61800, 61900)

Dynamic Load Rating 4900 N  
Static Load Rating 4200 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**