


The Timken Company

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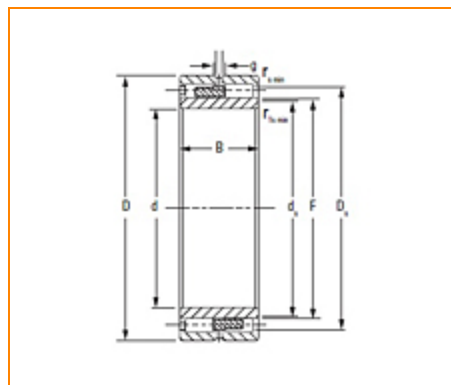
Part Number NNU4184MAW33, Cylindrical Roller Radial Bearings - Two-Row

- Additional radial load-carrying capability compared to single-row product.
- Designed to ISO/DIN specified interchangeable dimensions.
- Sold as complete assembly.

NNU-1

- Outer rings with solid ribs.
- Lubrication grooves and holes on outer rings.
- One solid brass cage.

The radial internal clearance (RIC) for the bearing assembly must be included when ordering the complete assembly.



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Specifications

Bore d 420 mm

Static Load Rating C_0
11420000 N
2560000 lbf

Dynamic Load Rating C_1^1 6430000 N
1450000 lbfGeometry Factor C_g^2

0.3090

Thermal Speed Ratings - Oil

370 rpm

Thermal Speed Ratings - Grease

350 rpm

Bearing Dimensions

O.D. D

700 mm
27.5591 in

Width B

280 mm
11.0236 in

DUR/DOR F/E

497 mm
19.5669 in

Mounting Data

Chamfer r_{smin} 6 mm
0.24 inChamfer r_{1smin}^3 6 mm
0.240 inBacking Shaft Diameter d_s 490 mm
19.2900 inBacking Housing Diameter D_s 647 mm
25.4700 in

Lubrication Data

Lubrication Groove g

19.3 mm
0.76 in

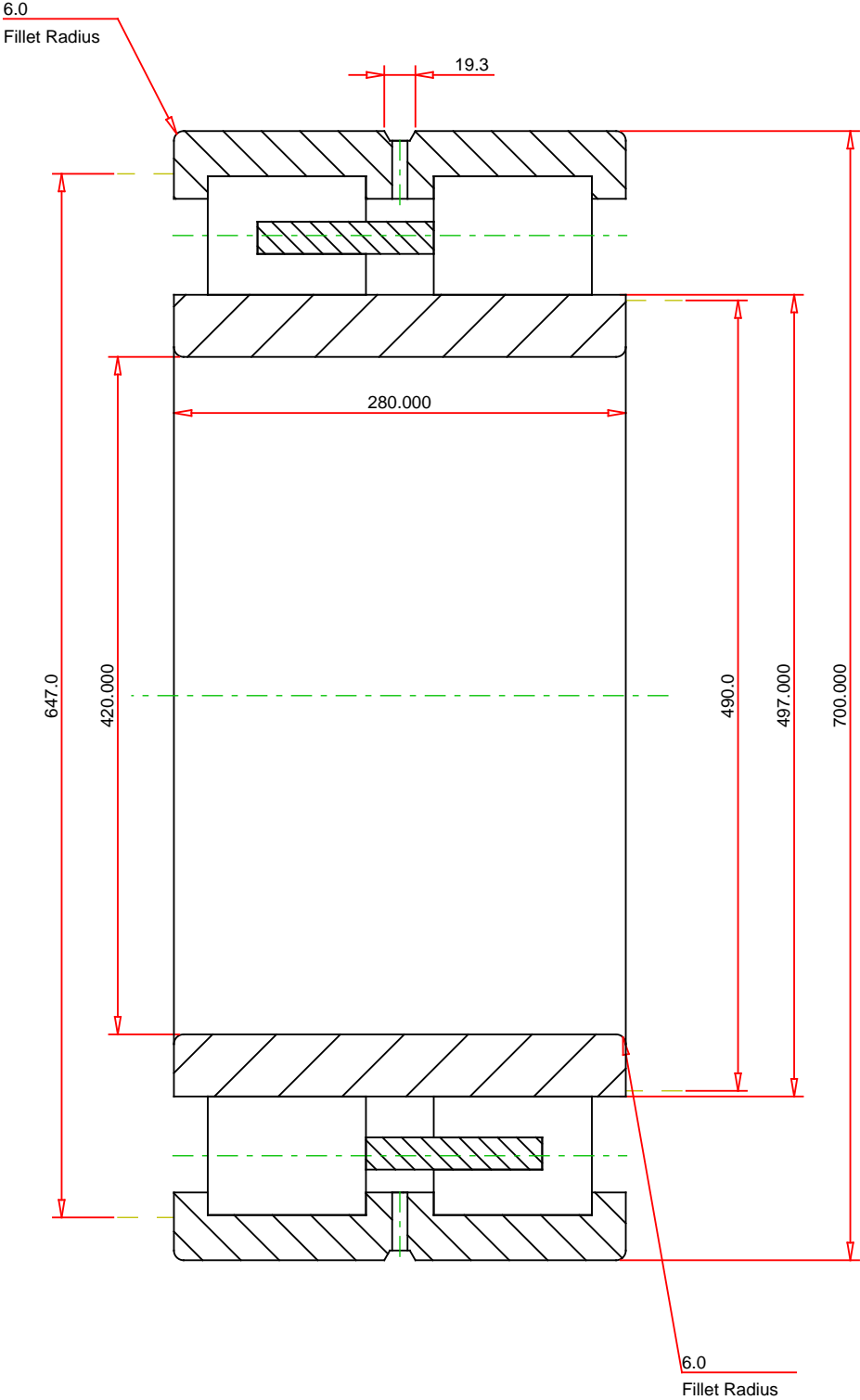
Lubrication Hole Diameter h	9.5 mm 0.37 in
Number of Lubrication Holes	12
Dimension S⁴	9.30 mm 0.370 in

¹ Based on 1×10^6 revolutions L_{10} life, for the ISO life calculation method.

² C_g factor for bearing without inner ring.

³ Based on 1×10^6 revolutions L_{10} life, for the ISO life calculation method.

⁴ Permissible axial displacement from normal position of one bearing ring in relation to the other.



METRIC UNITS

Bearing Weight 970.0 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

NNU4184MAW33
CYLINDRICAL ROLLER BEARING

Dynamic Load Rating 6430000 N
Static Load Rating 11420000 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