


The Timken Company

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Part Number HJ-607632, 6673M

- Clearance fit suggested for outer ring when housing is stationary relative to load.
- Tight transition fit suggested if housing rotates relative to load.
- Consult your Timken representative for oscillating applications (e.g., low radial-clearance concerns).
- Unmarked end of outer ring should be assembled against housing shoulder to clear maximum allowed housing fillet ($r_{as\ max}$).
- Meets Military Standard MS 51961.



[Bearing Dimensions](#) | [Specifications](#) | [Mounting Data](#) | [Sub Assembly Part Numbers](#)

Bearing Dimensions

Shaft Diameter (F_w)	95.25 mm 3.75 in
D - Outer Diameter	120.650 mm 4 3/4 in
Dimension C/B	50.8 mm 2.0000 in

Specifications



Static Load Rating C_o	398000 N 89400 lbf
Dynamic Load Rating C_1^1	193000 N 43300 lbf
Geometry Factor C_g^2	0.1011
Thermal Speed Ratings - Oil	3700 rpm
Thermal Speed Ratings - Grease	3300 rpm

Mounting Data

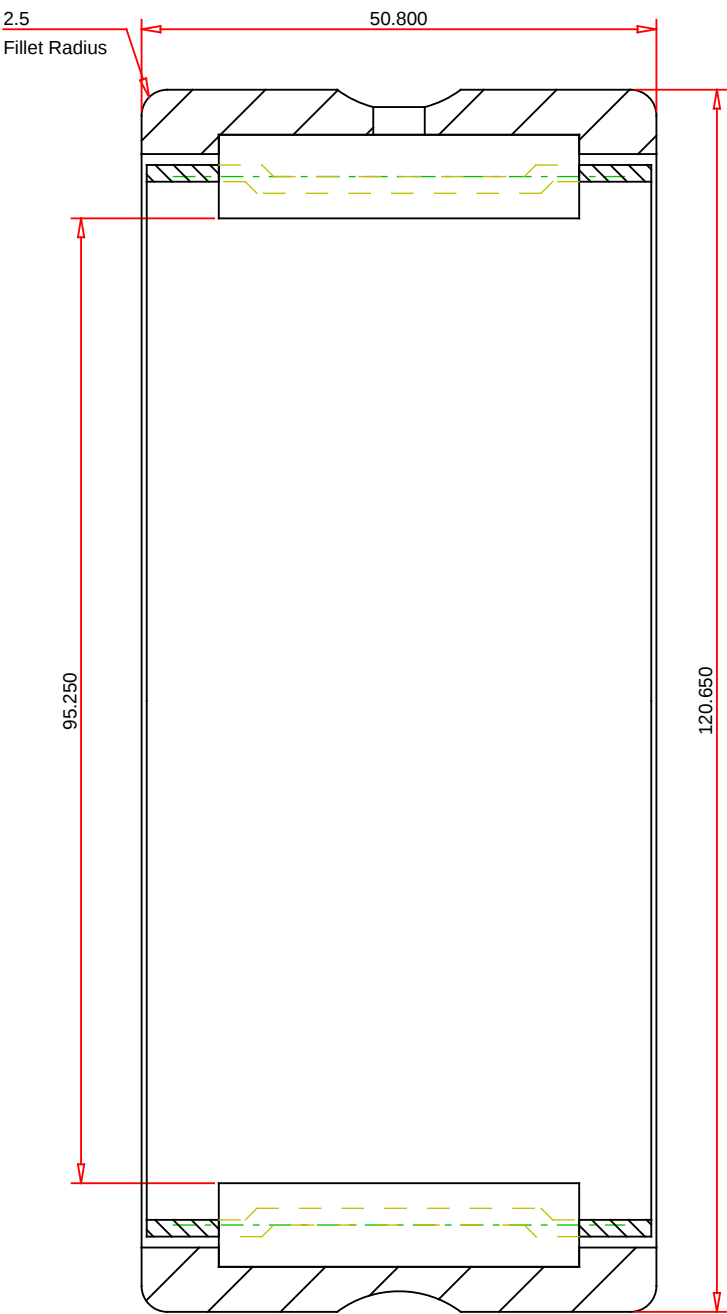
Chamfer r_{smin}	2.540 mm 0.1 in
Max. Mounting Dimensions Clearance Fit 1	95.25 mm 3.75 in
Min. Mounting Dimensions Clearance Fit 1	95.227 mm 3.7491 in
Max. Mounting Dimensions Clearance Fit 2	120.691 mm 4.7516 in
Min. Mounting Dimensions Clearance Fit 2	120.650 mm 4.750 in
Max. Mounting Dimensions Tight Transition Fit S	3.7487 mm 95.217 in
Min. Mounting Dimensions Tight Transition Fit S	95.192 mm 3.7477 in
Max. Mounting Dimensions Tight Transition Fit H	120.594 mm 4.7478 in
Min. Mounting Dimensions Tight Transition Fit H	120.635 mm 4.7494 in
Shoulder Diameter D_a	111.13 mm 4.375 in

Sub Assembly Part Numbers

Used with Inner Ring	IR-506032
Designation	IR-526032

¹ Based on 1 x 10⁶ revolutions L₁₀ life, for the ISO life calculation method.

² C_g factor for bearing without inner ring.



METRIC UNITS

Bearing Weight 1.4 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

HJ-607632
CYLINDRICAL ROLLER BEARING

Dynamic Load Rating 193000 N
Static Load Rating 398000 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