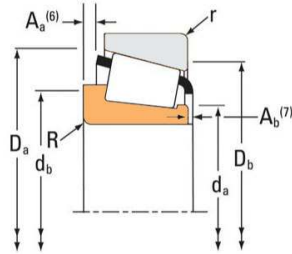




# Shanghai Shengjie Bearing Co., Ltd.

## TYPE TS



## Timken HM252343 HM252311D Tapered roller bearing

Bearing No. HM252343

HM252343 Bearing 2D drawings and 3D CAD models

Series	HM252300
Cone Part Number	HM252343
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	587000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	152000 lbf
d	10.0000 in
B - Cone Width	3.1406 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.270 in
da - Cone Frontface Backing Diameter	11.06 in
db - Cone Backface Backing Diameter	11.3 in
Ab - Cage-Cone Frontface Clearance	0.24 in
Aa - Cage-Cone Backface Clearance	0.48 in
a - Effective Center Location <sup>4</sup>	-0.37 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	87400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	337000 lbf



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C0 - Static Radial Rating	455000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	49700 lbf
K - Factor <sup>8</sup>	1.76
G1 - Heat Generation Factor (Roller-Raceway)	1504.3
G2 - Heat Generation Factor (Rib-Roller End)	147.8
Cg - Geometry Factor	0.148