



# Shanghai Shengjie Bearing Co., Ltd.

## TYPE TS



## Timken EE941002 941951XD Tapered roller bearing

Bearing No. EE941002

EE941002 Bearing 2D drawings and 3D CAD models

Series	940000
Cone Part Number	EE941002
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	607000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	157000 lbf
d	10.0000 in
B - Cone Width	2.9375 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da - Cone Frontface Backing Diameter	11.5 in
db - Cone Backface Backing Diameter	11.85 in
Ab - Cage-Cone Frontface Clearance	0.27 in
Aa - Cage-Cone Backface Clearance	0.37 in
a - Effective Center Location <sup>4</sup>	0.36 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	90300 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	348000 lbf



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C0 - Static Radial Rating	471000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	62200 lbf
K - Factor <sup>8</sup>	1.45
G1 - Heat Generation Factor (Roller-Raceway)	1771.6
G2 - Heat Generation Factor (Rib-Roller End)	187.4
Cg - Geometry Factor	0.166