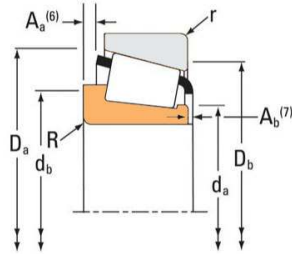




# Shanghai Shengjie Bearing Co., Ltd.

## TYPE TS



## Timken EE130851 131401CD Tapered roller bearing

Bearing No. EE130851

EE130851 Bearing 2D drawings and 3D CAD models

Series	130000
Cone Part Number	EE130851
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	312000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	80800 lbf
d	8.5000 in
B - Cone Width	2.7500 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.270 in
da - Cone Frontface Backing Diameter	9.33 in
db - Cone Backface Backing Diameter	9.76 in
Ab - Cage-Cone Frontface Clearance	0.18 in
Aa - Cage-Cone Backface Clearance	0.45 in
a - Effective Center Location <sup>4</sup>	-0.39 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	46400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	179000 lbf



## Shanghai Shengjie Bearing Co., Ltd.

C0 - Static Radial Rating	314000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	26200 lbf
K - Factor <sup>8</sup>	1.77
G1 - Heat Generation Factor (Roller-Raceway)	1160
G2 - Heat Generation Factor (Rib-Roller End)	168
Cg - Geometry Factor	0.136