



Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken 6464 6420 Tapered roller bearing

Bearing No. 6464

Series	6400
Cone Part Number	6464
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	161000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	41700 lbf
d	2.5575 in
B - Cone Width	2.1350 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	3.19 in
db - Cone Backface Backing Diameter	3.43 in
Ab - Cage-Cone Frontface Clearance	0.06 in
Aa - Cage-Cone Backface Clearance	0.09 in
a - Effective Center Location ⁴	-0.59 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	24000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	92400 lbf
C0 - Static Radial Rating	104000 lbf

6464 Bearing 2D drawings and 3D CAD models



Shanghai Shengjie Bearing Co., Ltd.

C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	14800 lbf
K - Factor ⁸	1.61
G1 - Heat Generation Factor (Roller-Raceway)	158
G2 - Heat Generation Factor (Rib-Roller End)	29.1
Cg - Geometry Factor	0.0931