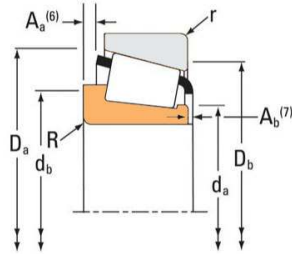




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken 74537 74851CD Tapered roller bearing

Bearing No. 74537

Series	74000
Cone Part Number	74537
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	150000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	38800 lbf
d	5.3750 in
B - Cone Width	1.875 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	5.83 in
db - Cone Backface Backing Diameter	6.1 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	0.17 in
a - Effective Center Location ⁴	0.09 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	22300 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	85900 lbf
C0 - Static Radial Rating	138000 lbf

74537 Bearing 2D drawings and 3D CAD models



Shanghai Shengjie Bearing Co., Ltd.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	18600 lbf
K - Factor ⁸	1.2
G1 - Heat Generation Factor (Roller-Raceway)	363
G2 - Heat Generation Factor (Rib-Roller End)	68.5
C _g - Geometry Factor	0.134