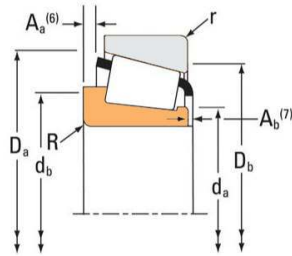




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



HM265049 Tapered Roller Bearings

Bearing No. HM265049

Series	HM265000
Cone Part Number	HM265049
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	890000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	231000 lbf
d	14.4980 in
B - Cone Width	4.0000 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	15.51 in
db - Cone Backface Backing Diameter	15.75 in
Ab - Cage-Cone Frontface Clearance	0.27 in
Aa - Cage-Cone Backface Clearance	0.3 in
a - Effective Center Location ⁴	-0.33 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	132000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	511000 lbf
C0 - Static Radial Rating	977000 lbf

HM265049 Bearing 2D drawings and 3D CAD models



Shanghai Shengjie Bearing Co., Ltd.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	75400 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	4297.3
G2 - Heat Generation Factor (Rib-Roller End)	412.9
C _g - Geometry Factor	0.211