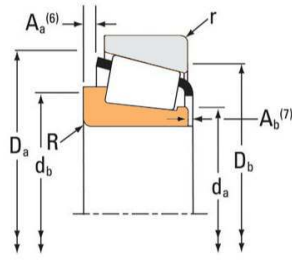




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken L163149 L163110CD Tapered roller bearing

Bearing No. L163149

L163149 Bearing 2D drawings and 3D CAD models

Series	L163100
Cone Part Number	L163149
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	287000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	74400 lbf
d	14 in
B - Cone Width	2.3750 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	14.57 in
db - Cone Backface Backing Diameter	14.72 in
Ab - Cage-Cone Frontface Clearance	0.14 in
Aa - Cage-Cone Backface Clearance	0.17 in
a - Effective Center Location ⁴	0.28 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	42700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	165000 lbf



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C0 - Static Radial Rating	444000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	22500 lbf
K - Factor ⁸	1.9
G1 - Heat Generation Factor (Roller-Raceway)	3210
G2 - Heat Generation Factor (Rib-Roller End)	621
Cg - Geometry Factor	0.184