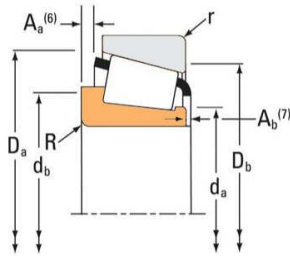
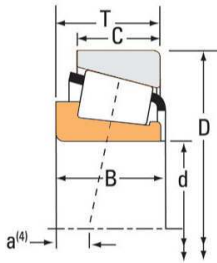




NTPT NTK BEARINGS CO.,LTD.

TYPE TS



Timken I507949 Bearing

Bearing No. I507949

I507949 Bearing 2D drawings and 3D CAD models

Series	L507900
Cone Part Number	L507949
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	24500 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	6360 lbf
d	2.2500 in
B - Cone Width	0.7188 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	2.44 in
db - Cone Backface Backing Diameter	2.56 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0 in
a - Effective Center Location ⁴	-0.03 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	3650 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	14100 lbf
C0 - Static Radial Rating	21500 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2430 lbf
K - Factor ⁸	1.5
G1 - Heat Generation Factor (Roller-Raceway)	46.1
G2 - Heat Generation Factor (Rib-Roller End)	38.5
C _g - Geometry Factor	0.0914