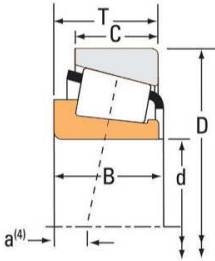




NTA BEARING PRECISION AXLE CORP.

TYPE TS



Timken Tapered Roller Bearings 74550

Bearing No. 74550

74550 Bearing 2D drawings and 3D CAD models

Series	74000
Cone Part Number	74550
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	5.5000 in
B - Cone Width	1.875 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	5.94 in
db - Cone Backface Backing Diameter	6.22 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



NTA BEARING PRECISION AXLE CORP.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	18600 lbf
K - Factor ⁸	1.2
G1 - Heat Generation Factor (Roller-Raceway)	362.9
G2 - Heat Generation Factor (Rib-Roller End)	68.5
C _g - Geometry Factor	0.134