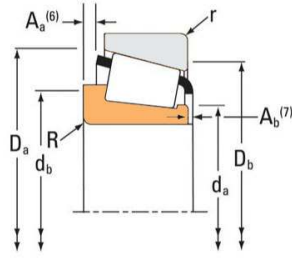


TYPE TS



timken 37425 bearing

Bearing No. 37425

Series	37000
Cone Part Number	37425
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	53400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	13900 lbf
d	4.25 in
B - Cone Width	0.8440 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	4.53 in
db - Cone Backface Backing Diameter	4.8 in
Ab - Cage-Cone Frontface Clearance	0.15 in
Aa - Cage-Cone Backface Clearance	0.08 in
a - Effective Center Location ⁴	0.54 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	7960 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	30700 lbf
C0 - Static Radial Rating	40100 lbf

37425 Bearing 2D drawings and 3D CAD models



PRECISION BEARING CORP.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	8250 lbf
K - Factor ⁸	0.96
G1 - Heat Generation Factor (Roller-Raceway)	123.7
G2 - Heat Generation Factor (Rib-Roller End)	57.1
C _g - Geometry Factor	0.144