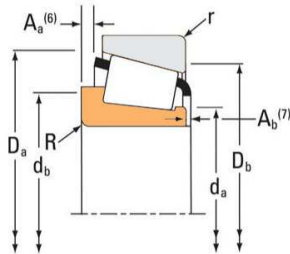




BEARING MEXICO, S.A. DE C.V.

TYPE TS



Timken 46790 Bearing

Bearing No. 46790

46790 Bearing 2D drawings and 3D CAD models

Series	46700
Cone Part Number	46790
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	119000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	30800 lbf
d	6.5 in
B - Cone Width	1.5625 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	6.85 in
db - Cone Backface Backing Diameter	7.13 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.13 in
a - Effective Center Location ⁴	0.1 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	17700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	68200 lbf
C0 - Static Radial Rating	143000 lbf



BEARING MEXICO, S.A. DE C.V.

C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	11600 lbf
K - Factor ⁸	1.52
G1 - Heat Generation Factor (Roller-Raceway)	572
G2 - Heat Generation Factor (Rib-Roller End)	175
Cg - Geometry Factor	0.143