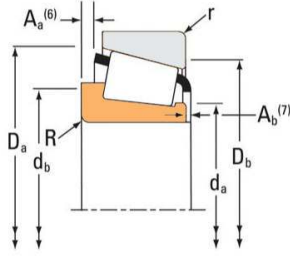
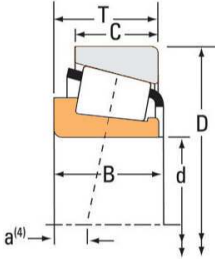




BEARING CORP. OF AMERICA

TYPE TS



Timken Zwz Zkl Taper Roller Bearing 462 07098
 L44649 L44643 780/772 7318 72212 7207 67048
 6220 580/572 580 522 48286 45 X 72 15580 15578
 15245

Bearing No. 462

462 Bearing 2D drawings and 3D CAD models

Series	455
Cone Part Number	462
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	62900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	16300 lbf
d	2.2500 in
B - Cone Width	1.1542 in
R - Cone Backface To Clear Radius ³	0.09 in
da - Cone Frontface Backing Diameter	2.48 in
db - Cone Backface Backing Diameter	2.64 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.07 in
a - Effective Center Location ⁴	-0.28 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	9370 lbf



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	36100 lbf
C0 - Static Radial Rating	37200 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	5380 lbf
K - Factor ⁸	1.74
G1 - Heat Generation Factor (Roller-Raceway)	58.6
G2 - Heat Generation Factor (Rib-Roller End)	17.1
Cg - Geometry Factor	0.0946