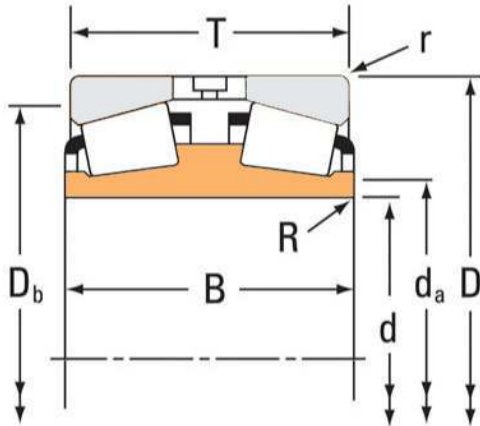




TYPE TDI

Timken 71450D 71750 Tapered Roller Bearings



71450D Bearing 2D drawings and 3D CAD models

Bearing No. 71450D

Series	71000
Cone Part Number	71450D
Design Units	Imperial
Cage Type	Stamped Steel
db - Cone Backface Backing Diameter	5.04 in
C1 - Dynamic Radial Rating (1 million revolutions) ¹	81700 lbf
C0 - Static Radial Rating	122000 lbf
d	4.5000 in
B - Double Cone Width	4.0000 in
R - Cone Frontface To Clear Radius ²	0.060 in
da - Cone Frontface Backing Diameter	5.04 in
Ab - Cage-Cone Frontface Clearance	0.1 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) ³	21200 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	142000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	36900 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁶	15100 lbf
K - Factor ⁷	1.4



Shandong Xiangyue bearing Trading Co....

G1 - Heat Generation Factor (Roller-Raceway) ⁸	269
G2 - Heat Generation Factor (Rib-Roller End)	49.5
Cg - Geometry Factor ⁹	0.116