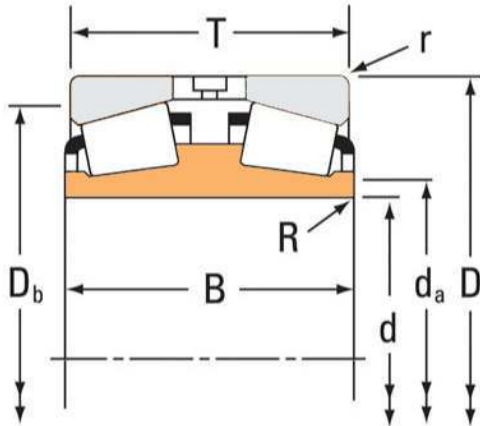




TYPE TDI



H247549D Bearing 2D drawings and 3D CAD models

Timken H247549D H247510 Tapered Roller Bearings

Bearing No. H247549D

Series	H247500
Cone Part Number	H247549D
Design Units	Imperial
Cage Type	Stamped Steel
db - Cone Backface Backing Diameter	10.2 in
C1 - Dynamic Radial Rating (1 million revolutions) ¹	399000 lbf
C0 - Static Radial Rating	699000 lbf
d	9.25 in
B - Double Cone Width	8.2500 in
R - Cone Frontface To Clear Radius ²	0.060 in
da - Cone Frontface Backing Diameter	10.2 in
Ab - Cage-Cone Frontface Clearance	0.16 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) ³	103000 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	694000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	180000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁶	58800 lbf



Shandong Xiangyue bearing Trading Co....

K - Factor ⁷	1.76
G1 - Heat Generation Factor (Roller-Raceway) ⁸	1960
G2 - Heat Generation Factor (Rib-Roller End)	148
Cg - Geometry Factor ⁹	0.164