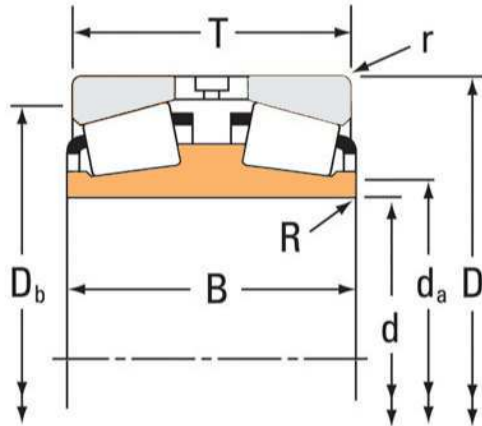




TYPE TDI



M282249D Bearing 2D drawings and 3D CAD models

Timken M282249D M282210 Tapered Roller Bearings

Bearing No. M282249D

Series	M282200
Cone Part Number	M282249D
Design Units	Imperial
Cage Type	Pin-Type
db - Cone Backface Backing Diameter	28.46 in
C1 - Dynamic Radial Rating (1 million revolutions) ¹	1400000 lbf
C0 - Static Radial Rating	3340000 lbf
d	26.8750 in
B - Double Cone Width	13.3125 in
R - Cone Frontface To Clear Radius ²	0.130 in
da - Cone Frontface Backing Diameter	28.46 in
Ab - Cage-Cone Frontface Clearance	0.51 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) ³	364000 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	2440000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	634000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁶	207000 lbf



Shandong Weibo Precision Bearing Co.,...

K - Factor ⁷	1.76
G1 - Heat Generation Factor (Roller-Raceway) ⁸	18800
G2 - Heat Generation Factor (Rib-Roller End)	843
Cg - Geometry Factor ⁹	0.343