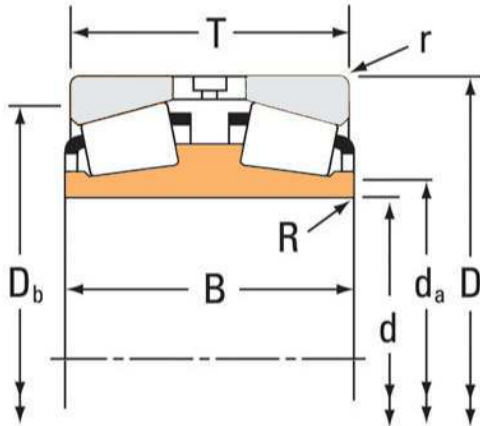




TYPE TDI

Timken 39585D 39520 Tapered Roller Bearings



39585D Bearing 2D drawings and 3D CAD models

Bearing No. 39585D

Series	39500
Cone Part Number	39585D
Design Units	Imperial
Cage Type	Stamped Steel
db - Cone Backface Backing Diameter	2.83 in
C1 - Dynamic Radial Rating (1 million revolutions) ¹	37500 lbf
C0 - Static Radial Rating	50300 lbf
d	2.5000 in
B - Double Cone Width	2.3750 in
R - Cone Frontface To Clear Radius ²	0.030 in
da - Cone Frontface Backing Diameter	2.83 in
Ab - Cage-Cone Frontface Clearance	0.13 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) ³	9730 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	65300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	16900 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁶	5650 lbf
K - Factor ⁷	1.72



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G1 - Heat Generation Factor (Roller-Raceway) ⁸	84.3
G2 - Heat Generation Factor (Rib-Roller End)	23.7
Cg - Geometry Factor ⁹	0.107