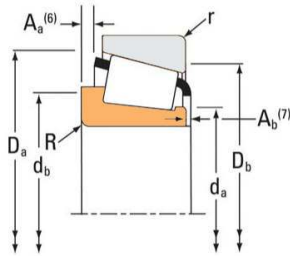
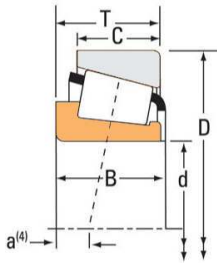




TYPE TS



Timken 28985 28921D Tapered roller bearing

Bearing No. 28985

28985 Bearing 2D drawings and 3D CAD models

Series	28900
Cone Part Number	28985
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	41500 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	10800 lbf
d	2.3750 in
B - Cone Width	1.0000 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.64 in
db - Cone Backface Backing Diameter	2.87 in
Ab - Cage-Cone Frontface Clearance	0.09 in
Aa - Cage-Cone Backface Clearance	0.05 in
a - Effective Center Location ⁴	-0.1 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	6180 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	23800 lbf
C0 - Static Radial Rating	33500 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	4500 lbf
K - Factor ⁸	1.37
G1 - Heat Generation Factor (Roller-Raceway)	60.1
G2 - Heat Generation Factor (Rib-Roller End)	24.5
Cg - Geometry Factor	0.103