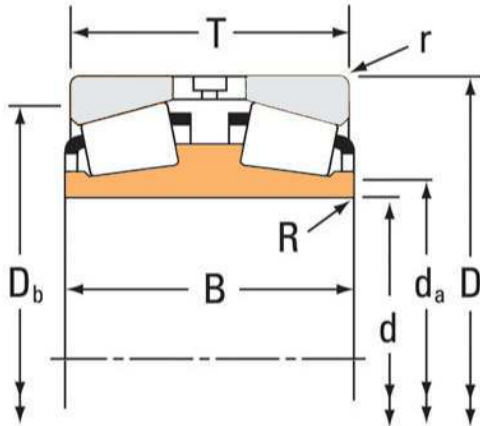




TYPE TDI

Timken 496D 492A Tapered Roller Bearings



496D Bearing 2D drawings and 3D CAD models

Bearing No. 496D

Series	495
Cone Part Number	496D
Design Units	Imperial
Cage Type	Stamped Steel
db - Cone Backface Backing Diameter	3.58 in
C1 - Dynamic Radial Rating (1 million revolutions) ¹	34700 lbf
C0 - Static Radial Rating	48600 lbf
d	3.1875 in
B - Double Cone Width	2.3440 in
R - Cone Frontface To Clear Radius ²	0.060 in
da - Cone Frontface Backing Diameter	3.58 in
Ab - Cage-Cone Frontface Clearance	0.12 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) ³	9000 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	60500 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	15700 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁶	6850 lbf
K - Factor ⁷	1.31



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G1 - Heat Generation Factor (Roller-Raceway) ⁸	105
G2 - Heat Generation Factor (Rib-Roller End)	29.3
Cg - Geometry Factor ⁹	0.125