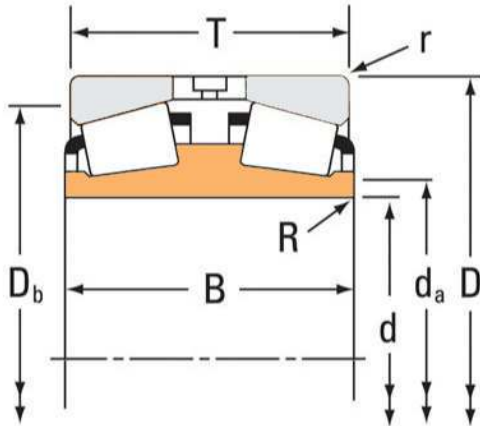




TYPE TDI

Timken 782D 772 Tapered Roller Bearings



782D Bearing 2D drawings and 3D CAD models

Bearing No. 782D

Series	775
Cone Part Number	782D
Design Units	Imperial
Cage Type	Stamped Steel
db - Cone Backface Backing Diameter	4.643 in
C1 - Dynamic Radial Rating (1 million revolutions) ¹	77800 lbf
C0 - Static Radial Rating	111000 lbf
d	4.1250 in
B - Double Cone Width	4.0300 in
R - Cone Frontface To Clear Radius ²	0.060 in
da - Cone Frontface Backing Diameter	4.643 in
Ab - Cage-Cone Frontface Clearance	0.07 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) ³	20200 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	135000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	35100 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁶	13300 lbf
K - Factor ⁷	1.51



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G1 - Heat Generation Factor (Roller-Raceway) ⁸	227
G2 - Heat Generation Factor (Rib-Roller End)	41.3
Cg - Geometry Factor ⁹	0.107