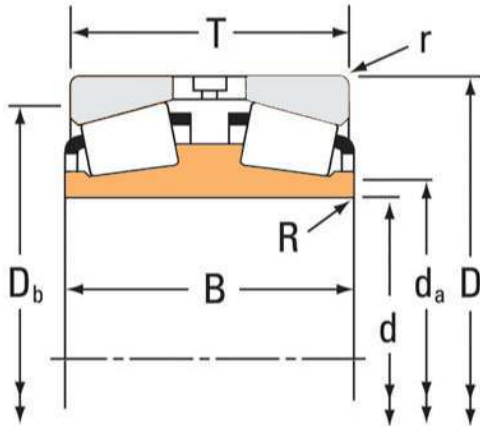




TYPE TDI

Timken 93801D 93125 Tapered Roller Bearings



93801D Bearing 2D drawings and 3D CAD models

Bearing No. 93801D

Series	93000
Cone Part Number	93801D
Design Units	Imperial
Cage Type	Stamped Steel
db - Cone Backface Backing Diameter	8.93 in
C1 - Dynamic Radial Rating (1 million revolutions) <sup>1</sup>	164000 lbf
C0 - Static Radial Rating	290000 lbf
d	8 in
B - Double Cone Width	5.2500 in
R - Cone Frontface To Clear Radius <sup>2</sup>	0.250 in
da - Cone Frontface Backing Diameter	8.93 in
Ab - Cage-Cone Frontface Clearance	0.21 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	42600 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	286000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	74200 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	38200 lbf
K - Factor <sup>7</sup>	1.12



## Shandong Xiangyue bearing Trading Co....

G1 - Heat Generation Factor (Roller-Raceway) <sup>8</sup>	912
G2 - Heat Generation Factor (Rib-Roller End)	126
Cg - Geometry Factor <sup>9</sup>	0.146