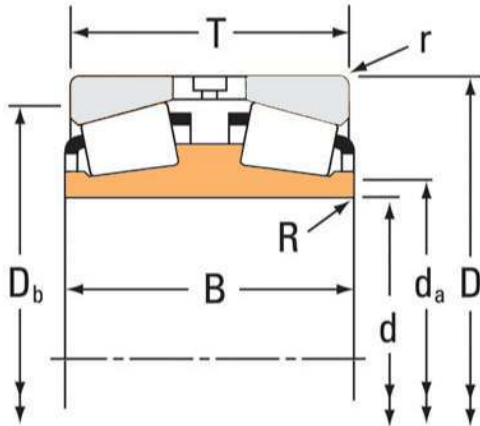




TYPE TDI

Timken EE480181D 480340 Tapered Roller Bearings



EE480181D Bearing 2D drawings and 3D CAD models

Bearing No. EE480181D

Series	480000
Cone Part Number	EE480181D
Design Units	Imperial
Cage Type	Pin-Type
db - Cone Backface Backing Diameter	20.31 in
C1 - Dynamic Radial Rating (1 million revolutions) <sup>1</sup>	1390000 lbf
C0 - Static Radial Rating	1980000 lbf
d	18.0000 in
B - Double Cone Width	14.5000 in
R - Cone Frontface To Clear Radius <sup>2</sup>	0.250 in
da - Cone Frontface Backing Diameter	20.31 in
Ab - Cage-Cone Frontface Clearance	-0.18 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	361000 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	2420000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	628000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	222000 lbf



## Shandong Weibo Precision Bearing Co.,...

K - Factor <sup>7</sup>	1.62
G1 - Heat Generation Factor (Roller-Raceway) <sup>8</sup>	7380
G2 - Heat Generation Factor (Rib-Roller End)	343
Cg - Geometry Factor <sup>9</sup>	0.257