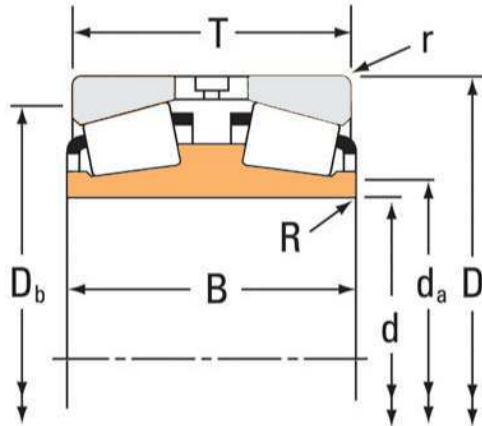




TYPE TDI



L281149D Bearing 2D drawings and 3D CAD models

Timken L281149D L281110 Tapered Roller Bearings

Bearing No. L281149D

Series	L281100
Cone Part Number	L281149D
Design Units	Imperial
Cage Type	Pin-Type
db - Cone Backface Backing Diameter	26.88 in
C1 - Dynamic Radial Rating (1 million revolutions) <sup>1</sup>	615000 lbf
C0 - Static Radial Rating	1490000 lbf
d	26.0000 in
B - Double Cone Width	6.9375 in
R - Cone Frontface To Clear Radius <sup>2</sup>	0.130 in
da - Cone Frontface Backing Diameter	26.88 in
Ab - Cage-Cone Frontface Clearance	0.27 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	159000 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	1070000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	278000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	90700 lbf



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

K - Factor <sup>7</sup>	1.76
G1 - Heat Generation Factor (Roller-Raceway) <sup>8</sup>	12600
G2 - Heat Generation Factor (Rib-Roller End)	984
Cg - Geometry Factor <sup>9</sup>	0.297