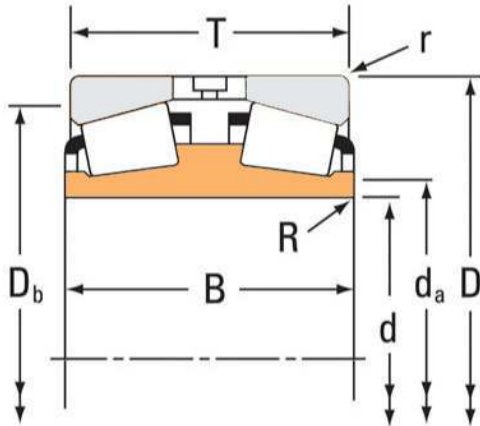




TYPE TDI

Timken LM282549D LM282510 Tapered Roller Bearings



LM282549D Bearing 2D drawings and 3D CAD models

Bearing No. LM282549D

Series	LM282500
Cone Part Number	LM282549D
Design Units	Imperial
Cage Type	Pin-Type
db - Cone Backface Backing Diameter	29.17 in
C1 - Dynamic Radial Rating (1 million revolutions) <sup>1</sup>	1040000 lbf
C0 - Static Radial Rating	2710000 lbf
d	27.8750 in
B - Double Cone Width	10.7500 in
R - Cone Frontface To Clear Radius <sup>2</sup>	0.130 in
da - Cone Frontface Backing Diameter	29.17 in
Ab - Cage-Cone Frontface Clearance	0.34 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	270000 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	1810000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	470000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	154000 lbf



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

K - Factor <sup>7</sup>	1.76
G1 - Heat Generation Factor (Roller-Raceway) <sup>8</sup>	18200
G2 - Heat Generation Factor (Rib-Roller End)	1090
Cg - Geometry Factor <sup>9</sup>	0.338