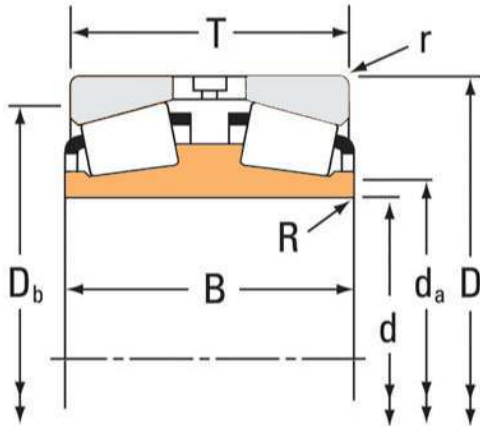




TYPE TDI

Timken LM278848D LM278810 Tapered Roller Bearings



LM278848D Bearing 2D drawings and 3D CAD models

Bearing No. LM278848D

Series	LM278800
Cone Part Number	LM278848D
Design Units	Imperial
Cage Type	Pin-Type
db - Cone Backface Backing Diameter	24.25 in
C1 - Dynamic Radial Rating (1 million revolutions) <sup>1</sup>	740000 lbf
C0 - Static Radial Rating	1860000 lbf
d	23.0625 in
B - Double Cone Width	9.0625 in
R - Cone Frontface To Clear Radius <sup>2</sup>	0.250 in
da - Cone Frontface Backing Diameter	24.25 in
Ab - Cage-Cone Frontface Clearance	0.31 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	192000 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	1290000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	334000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	109000 lbf



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

K - Factor <sup>7</sup>	1.76
G1 - Heat Generation Factor (Roller-Raceway) <sup>8</sup>	11600
G2 - Heat Generation Factor (Rib-Roller End)	784
Cg - Geometry Factor <sup>9</sup>	0.291