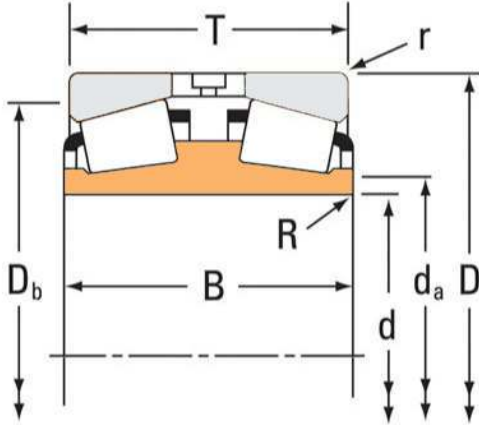




TYPE TDI

Timken 74512D 74850 Tapered Roller Bearings



74512D Bearing 2D drawings and 3D CAD models

Bearing No. 74512D

Series	74000
Cone Part Number	74512D
Design Units	Imperial
Cage Type	Stamped Steel
db - Cone Backface Backing Diameter	5.75 in
C1 - Dynamic Radial Rating (1 million revolutions) <sup>1</sup>	85900 lbf
C0 - Static Radial Rating	138000 lbf
d	5.1250 in
B - Double Cone Width	4.0000 in
R - Cone Frontface To Clear Radius <sup>2</sup>	0.060 in
da - Cone Frontface Backing Diameter	5.75 in
Ab - Cage-Cone Frontface Clearance	0.11 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	22300 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	150000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	38800 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	18600 lbf
K - Factor <sup>7</sup>	1.2



## Shandong Xiangyue bearing Trading Co....

G1 - Heat Generation Factor (Roller-Raceway) <sup>8</sup>	363
G2 - Heat Generation Factor (Rib-Roller End)	68.5
Cg - Geometry Factor <sup>9</sup>	0.134