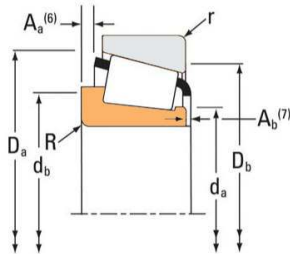
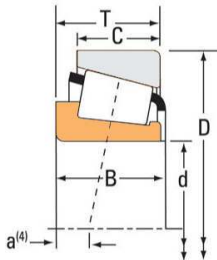




# CARTER BEARING MFG LTD

## TYPE TS



## HM265049 Tapered Roller Bearings

Bearing No. HM265049

HM265049 Bearing 2D drawings and 3D CAD models

Series	HM265000
Cone Part Number	HM265049
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	890000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	231000 lbf
d	14.4980 in
B - Cone Width	4.0000 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da - Cone Frontface Backing Diameter	15.51 in
db - Cone Backface Backing Diameter	15.75 in
Ab - Cage-Cone Frontface Clearance	0.27 in
Aa - Cage-Cone Backface Clearance	0.3 in
a - Effective Center Location <sup>4</sup>	-0.33 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	132000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	511000 lbf
C0 - Static Radial Rating	977000 lbf



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C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	75400 lbf
K - Factor <sup>8</sup>	1.76
G1 - Heat Generation Factor (Roller-Raceway)	4297.3
G2 - Heat Generation Factor (Rib-Roller End)	412.9
C <sub>g</sub> - Geometry Factor	0.211