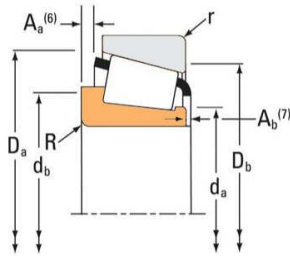
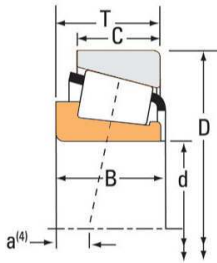




# BEARING CORP.OF AMERICA

## TYPE TS



## Timken HM266446 HM266410CD Tapered roller bearing

Bearing No. HM266446

HM266446 Bearing 2D drawings and 3D CAD models

Series	HM266400
Cone Part Number	HM266446
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	887000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	230000 lbf
d	15.0000 in
B - Cone Width	4.1250 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da - Cone Frontface Backing Diameter	15.94 in
db - Cone Backface Backing Diameter	16.34 in
Ab - Cage-Cone Frontface Clearance	0.28 in
Aa - Cage-Cone Backface Clearance	0.36 in
a - Effective Center Location <sup>4</sup>	-0.28 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	132000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	510000 lbf



## BEARING CORP.OF AMERICA

C0 - Static Radial Rating	946000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	75200 lbf
K - Factor <sup>8</sup>	1.76
G1 - Heat Generation Factor (Roller-Raceway)	4383.4
G2 - Heat Generation Factor (Rib-Roller End)	278.7
Cg - Geometry Factor	0.212