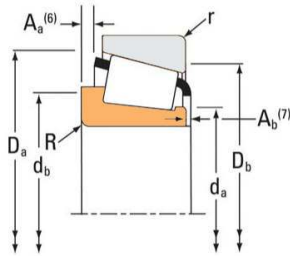
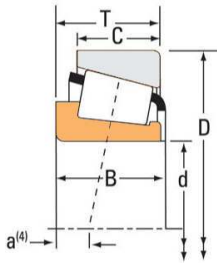




**TYPE TS**



**Timken 387a cylindrical roller bearings**

Bearing No. 387a

Series	385
Cone Part Number	387A
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	42200 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	10900 lbf
d	2.2500 in
B - Cone Width	0.8640 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	2.48 in
db - Cone Backface Backing Diameter	2.76 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	0.03 in
a - Effective Center Location <sup>4</sup>	-0.12 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	6280 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	24200 lbf
C0 - Static Radial Rating	24100 lbf

387a Bearing 2D drawings and 3D CAD models



## BEARING MANUFACTURING DE MEXICO,S.A.D...

$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	3810 lbf
K - Factor <sup>8</sup>	1.65
G1 - Heat Generation Factor (Roller-Raceway)	42
G2 - Heat Generation Factor (Rib-Roller End)	15.7
Cg - Geometry Factor	0.0859