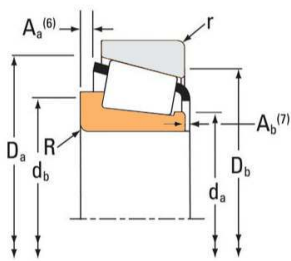
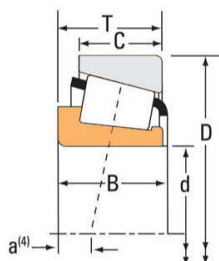




# BEARING CORP.OF AMERICA

## TYPE TS



## Timken LL771948 LL771911CD Tapered roller bearing

Bearing No. LL771948

LL771948 Bearing 2D drawings and 3D CAD models

Series	LL771900
Cone Part Number	LL771948
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	184000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	47600 lbf
d	18.7500 in
B - Cone Width	1.6250 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.13 in
da - Cone Frontface Backing Diameter	19.33 in
db - Cone Backface Backing Diameter	19.49 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.1 in
a - Effective Center Location <sup>4</sup>	2.3 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	27400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	106000 lbf



## BEARING CORP.OF AMERICA

C0 - Static Radial Rating	315000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	22000 lbf
K - Factor <sup>8</sup>	1.24
G1 - Heat Generation Factor (Roller-Raceway)	3790
G2 - Heat Generation Factor (Rib-Roller End)	1240
Cg - Geometry Factor	0.219