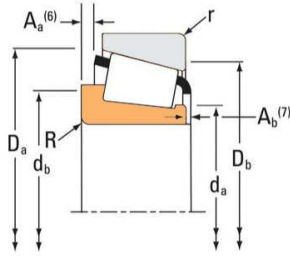
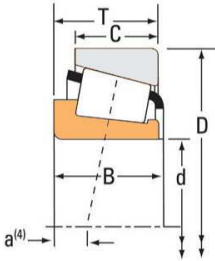




# BEARING USA CORP.

## TYPE TS



## Timken HM120848 HM120817XD Tapered roller bearing

Bearing No. HM120848

HM120848 Bearing 2D drawings and 3D CAD models

Series	HM120800
Cone Part Number	HM120848
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	106000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	27400 lbf
d	4.0000 in
B - Cone Width	1.9375 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.06 in
da - Cone Frontface Backing Diameter	4.41 in
db - Cone Backface Backing Diameter	4.41 in
Ab - Cage-Cone Frontface Clearance	0 in
Aa - Cage-Cone Backface Clearance	0.06 in
a - Effective Center Location <sup>4</sup>	-0.52 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	15700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	60700 lbf



## BEARING USA CORP.

C0 - Static Radial Rating	96900 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	7130 lbf
K - Factor <sup>8</sup>	2.21
Cg - Geometry Factor	0.0941