

## TYPE TS



## timken hm804846 bearing

Bearing No. hm804846

Series	HM804800
Cone Part Number	HM804846
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	57700 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	15000 lbf
d	1.8750 in
B - Cone Width	1.1563 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	2.26 in
db - Cone Backface Backing Diameter	2.72 in
Ab - Cage-Cone Frontface Clearance	0.14 in
Aa - Cage-Cone Backface Clearance	0.03 in
a - Effective Center Location <sup>4</sup>	-0.15 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	8590 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	33100 lbf
C0 - Static Radial Rating	35400 lbf

hm804846 Bearing 2D drawings and 3D CAD models



## YOCHI BEARING LTD

$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	8030 lbf
K - Factor <sup>8</sup>	1.07
G1 - Heat Generation Factor (Roller-Raceway)	44.8
G2 - Heat Generation Factor (Rib-Roller End)	14.6
Cg - Geometry Factor	0.102