



# NTPT NTK BEARINGS CO.,LTD.

## TYPE TS



## Timken hm813843 Bearing

Bearing No. hm813843

hm813843 Bearing 2D drawings and 3D CAD models

Series	HM813800
Cone Part Number	HM813843
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	89700 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	23300 lbf
d	2.4375 in
B - Cone Width	1.4375 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	3.07 in
db - Cone Backface Backing Diameter	3.35 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.14 in
a - Effective Center Location <sup>4</sup>	-0.15 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	13400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	51500 lbf
C0 - Static Radial Rating	57600 lbf



## NTPT NTK BEARINGS CO.,LTD.

$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	11500 lbf
K - Factor <sup>8</sup>	1.16
$C_g$ - Geometry Factor	0.125