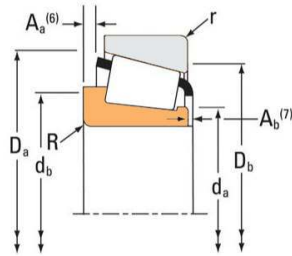




TYPE TS



Timken EE241701 242376D Tapered roller bearing

Bearing No. EE241701

EE241701 Bearing 2D drawings and 3D CAD models

Series	240000
Cone Part Number	EE241701
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	441000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	114000 lbf
d	17.0000 in
B - Cone Width	2.8750 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da - Cone Frontface Backing Diameter	17.99 in
db - Cone Backface Backing Diameter	18.35 in
Ab - Cage-Cone Frontface Clearance	0.02 in
Aa - Cage-Cone Backface Clearance	0.69 in
a - Effective Center Location <sup>4</sup>	1.85 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	65700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	253000 lbf



## Liaocheng City Hsn Bearing Co., Ltd.

C0 - Static Radial Rating	491000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	59000 lbf
K - Factor <sup>8</sup>	1.11
G1 - Heat Generation Factor (Roller-Raceway)	3350
G2 - Heat Generation Factor (Rib-Roller End)	551
Cg - Geometry Factor	0.221