



# BEARING CORP.OF AMERICA

## TYPE TS



## Timken EE755285 755361CD Tapered roller bearing

Bearing No. EE755285

EE755285 Bearing 2D drawings and 3D CAD models

Series	755000
Cone Part Number	EE755285
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	934000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	242000 lbf
d	28.5000 in
B - Cone Width	3.1875 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.220 in
da - Cone Frontface Backing Diameter	29.53 in
db - Cone Backface Backing Diameter	29.76 in
Ab - Cage-Cone Frontface Clearance	0.36 in
Aa - Cage-Cone Backface Clearance	0.34 in
a - Effective Center Location <sup>4</sup>	2.17 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	139000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	536000 lbf



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C0 - Static Radial Rating	1170000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	90600 lbf
K - Factor <sup>8</sup>	1.54
G1 - Heat Generation Factor (Roller-Raceway)	11122.5
G2 - Heat Generation Factor (Rib-Roller End)	1282.2
Cg - Geometry Factor	0.295