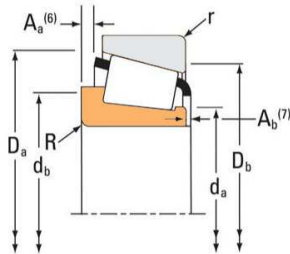




# BEARING DRIVESHAFT, INC.

## TYPE TS



## Insulating Bearings 6309-2Z/C3VL0241 Insulated Bearings

Bearing No. 2585

2585 Bearing 2D drawings and 3D CAD models

Series	2500
Cone Part Number	2585
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	32800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	8500 lbf
d	1.3125 in
B - Cone Width	0.9983 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	1.54 in
db - Cone Backface Backing Diameter	1.77 in
Ab - Cage-Cone Frontface Clearance	0.06 in
Aa - Cage-Cone Backface Clearance	0.02 in
a - Effective Center Location <sup>4</sup>	-0.34 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	4880 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	18800 lbf



## BEARING DRIVESHAFT, INC.

C0 - Static Radial Rating	21200 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	2280 lbf
K - Factor <sup>8</sup>	2.14
G1 - Heat Generation Factor (Roller-Raceway)	23.6
G2 - Heat Generation Factor (Rib-Roller End)	9.6
Cg - Geometry Factor	0.0656