



# GF BEARING-SINGAPORE LTD.

## TYPE TS



## TIMKEN 529 bearing

Bearing No. 529

Series	525
Cone Part Number	529
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	64400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	16700 lbf
d	2 in
B - Cone Width	1.4200 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.03 in
da - Cone Frontface Backing Diameter	2.36 in
db - Cone Backface Backing Diameter	2.4 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.09 in
a - Effective Center Location <sup>4</sup>	-0.5 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	9600 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	37000 lbf
C0 - Static Radial Rating	43000 lbf

529 Bearing 2D drawings and 3D CAD models



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	4690 lbf
K - Factor <sup>8</sup>	2.05
$C_g$ - Geometry Factor	0.0894