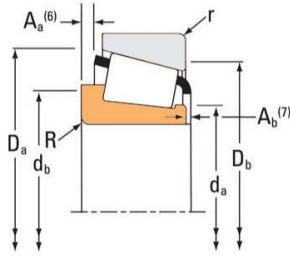




GF BEARING-SINGAPORE LTD.

TYPE TS



TIMKEN 48685 bearing

Bearing No. 48685

48685 Bearing 2D drawings and 3D CAD models

Series	48600
Cone Part Number	48685
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	112000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	29100 lbf
d	5.625 in
B - Cone Width	1.5625 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	5.94 in
db - Cone Backface Backing Diameter	6.22 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.1 in
a - Effective Center Location ⁴	-0.12 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	16700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	64400 lbf
C0 - Static Radial Rating	126000 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	9610 lbf
K - Factor ⁸	1.74
G1 - Heat Generation Factor (Roller-Raceway)	439.6
G2 - Heat Generation Factor (Rib-Roller End)	130.5
C _g - Geometry Factor	0.126