



BEARING-THAILAND CO.,LTD

TYPE TS



Timken 24780 Bearing

Bearing No. 24780

24780 Bearing 2D drawings and 3D CAD models

Series	24700
Cone Part Number	24780
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	29600 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	7670 lbf
d	1.6250 in
B - Cone Width	0.9063 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.85 in
db - Cone Backface Backing Diameter	2.13 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.03 in
a - Effective Center Location ⁴	-0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	4400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	17000 lbf
C0 - Static Radial Rating	20100 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2960 lbf
K - Factor ⁸	1.49
G1 - Heat Generation Factor (Roller-Raceway)	26.4
G2 - Heat Generation Factor (Rib-Roller End)	12.5
Cg - Geometry Factor	0.0767