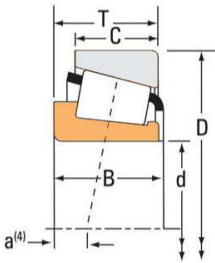




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken EE743240 743321CD Tapered roller bearing

Bearing No. EE743240

EE743240 Bearing 2D drawings and 3D CAD models

Series	743000
Cone Part Number	EE743240
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	812000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	211000 lbf
d	24.0000 in
B - Cone Width	3.2500 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	25.04 in
db - Cone Backface Backing Diameter	25.39 in
Ab - Cage-Cone Frontface Clearance	0.26 in
Aa - Cage-Cone Backface Clearance	0.33 in
a - Effective Center Location ⁴	1.17 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	121000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	467000 lbf



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C0 - Static Radial Rating	912000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	68200 lbf
K - Factor ⁸	1.77
G1 - Heat Generation Factor (Roller-Raceway)	7714.7
G2 - Heat Generation Factor (Rib-Roller End)	995.4
Cg - Geometry Factor	0.25