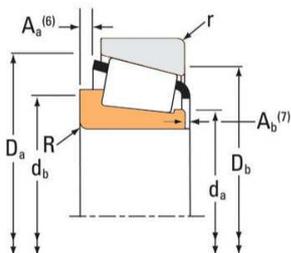
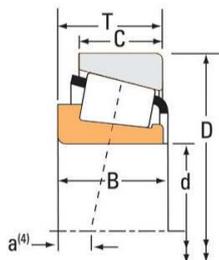




Bearing Rolamentos do Brasil Ltda.

TYPE TS



JL724348 Timken Tapered Roller Bearings

Bearing No. JL724348

Series	L724300
Cone Part Number	JL724348
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	56800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	14700 lbf
d	120 mm
B - Cone Width	25.400 mm
WPD	159 mm
DD	149.4 mm
R - Cone Backface To Clear Radius ³	3.300 mm
da - Cone Frontface Backing Diameter	127 mm
db - Cone Backface Backing Diameter	132 mm
Ab - Cage-Cone Frontface Clearance	2 mm
Aa - Cage-Cone Backface Clearance	2 mm
a - Effective Center Location ⁴	7.9 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	37600 N
C1 - Dynamic Radial Rating	145000 N

JL724348 Bearing 2D drawings and 3D CAD models



Bearing Rolamentos do Brasil Ltda.

(1 million revolutions) ⁶	
C0 - Static Radial Rating	231000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	29500 N
K - Factor ⁸	1.27
G1 - Heat Generation Factor (Roller-Raceway)	170
G2 - Heat Generation Factor (Rib-Roller End)	70.6
Cg - Geometry Factor	0.147