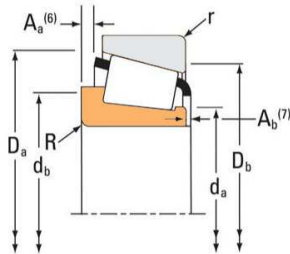




Bearing Rolamentos do Brasil Ltda.

TYPE TS



JL730646 Timken Tapered Roller Bearings

Bearing No. JL730646

Series	L730600
Cone Part Number	JL730646
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	75800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	19700 lbf
d	150 mm
B - Cone Width	28.575 mm
WPD	194.8 mm
DD	183.8 mm
R - Cone Backface To Clear Radius ³	3.300 mm
da - Cone Frontface Backing Diameter	158 mm
db - Cone Backface Backing Diameter	164 mm
Ab - Cage-Cone Frontface Clearance	2 mm
Aa - Cage-Cone Backface Clearance	2 mm
a - Effective Center Location ⁴	11.4 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	50200 N
C1 - Dynamic Radial Rating	194000 N

JL730646 Bearing 2D drawings and 3D CAD models



Bearing Rolamentos do Brasil Ltda.

(1 million revolutions) ⁶	
C0 - Static Radial Rating	339000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	39400 N
K - Factor ⁸	1.27
G1 - Heat Generation Factor (Roller-Raceway)	295
G2 - Heat Generation Factor (Rib-Roller End)	103
Cg - Geometry Factor	0.176