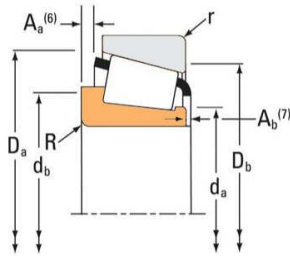
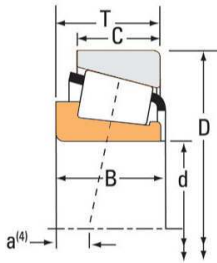




PRECISION BEARING CORP.

TYPE TS



N210E Cylindrical Roller Bearing 50x90x20mm

Bearing No. JLM506849

JLM506849 Bearing 2D drawings and 3D CAD models

Series	LM506800
Cone Part Number	JLM506849
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	42600 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	11000 lbf
d	55.000 mm
B - Cone Width	23.000 mm
WPD	84.9 mm
DD	76.2 mm
R - Cone Backface To Clear Radius ³	1.520 mm
da - Cone Frontface Backing Diameter	62 mm
db - Cone Backface Backing Diameter	65 mm
Ab - Cage-Cone Frontface Clearance	2 mm
Aa - Cage-Cone Backface Clearance	0.5 mm
a - Effective Center Location ⁴	-2.8 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	28200 N
C1 - Dynamic Radial Rating	109000 N



PRECISION BEARING CORP.

(1 million revolutions) ⁶	
C0 - Static Radial Rating	123000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	19400 N
K - Factor ⁸	1.45
G1 - Heat Generation Factor (Roller-Raceway)	45.6
G2 - Heat Generation Factor (Rib-Roller End)	20.4
Cg - Geometry Factor	0.0925