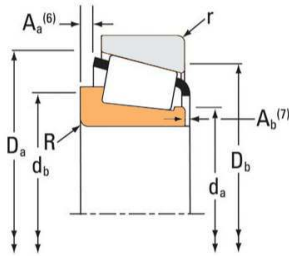




QM INDUSTRIES BEARING LIMITED

TYPE TS



TIMKEN JM720249 FRANCE Bearing 100*155*36

Bearing No. JM720249

JM720249 Bearing 2D drawings and 3D CAD models

Series	M720200
Cone Part Number	JM720249
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	90600 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	23500 lbf
d	100 mm
B - Cone Width	35.000 mm
WPD	147.9 mm
DD	131.6 mm
R - Cone Backface To Clear Radius ³	3.050 mm
da - Cone Frontface Backing Diameter	109 mm
db - Cone Backface Backing Diameter	115 mm
Ab - Cage-Cone Frontface Clearance	3.8 mm
Aa - Cage-Cone Backface Clearance	2.3 mm
a - Effective Center Location ⁴	0.3 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	60000 N



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	231000 N
C0 - Static Radial Rating	355000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	48600 N
K - Factor ⁸	1.24
G1 - Heat Generation Factor (Roller-Raceway)	175
G2 - Heat Generation Factor (Rib-Roller End)	48.5
Cg - Geometry Factor	0.104