



TYPE TS



Timken jm716649 angular contact ball bearings

Bearing No. jm716649

jm716649 Bearing 2D drawings and 3D CAD models

Series	M716600
Cone Part Number	JM716649
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	63100 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	16400 lbf
d	85 mm
B - Cone Width	29.000 mm
WPD	123.7 mm
DD	111.1 mm
R - Cone Backface To Clear Radius ³	3.050 mm
da - Cone Frontface Backing Diameter	92 mm
db - Cone Backface Backing Diameter	98 mm
Ab - Cage-Cone Frontface Clearance	3 mm
Aa - Cage-Cone Backface Clearance	1.8 mm
a - Effective Center Location ⁴	-0.3 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	41800 N
C1 - Dynamic Radial Rating	161000 N



BEARING MANUFACTURING DE MEXICO,S.A.D...

(1 million revolutions) ⁶	
C0 - Static Radial Rating	245000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	31800 N
K - Factor ⁸	1.31
G1 - Heat Generation Factor (Roller-Raceway)	117.1
G2 - Heat Generation Factor (Rib-Roller End)	38.4
Cg - Geometry Factor	0.13