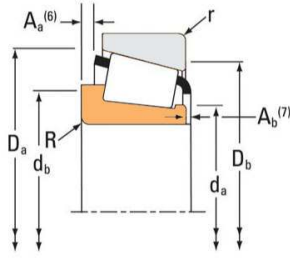




BEARING CORP.

TYPE TS



Timken Im29749 Bearing

Bearing No. Im29749

Im29749 Bearing 2D drawings and 3D CAD models

Cone Part Number	LM29749
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	19000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	4930 lbf
d	1.5 in
B - Cone Width	0.7200 in
R - Cone Backface To Clear Radius ³	0.09 in
da - Cone Frontface Backing Diameter	1.67 in
db - Cone Backface Backing Diameter	1.83 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location ⁴	-0.16 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	2830 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	10900 lbf
C0 - Static Radial Rating	13600 lbf
C _{a90} - Dynamic Thrust	1610 lbf



BEARING CORP.

Rating (90 million revolutions) ⁷	
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	20.4
G2 - Heat Generation Factor (Rib-Roller End)	15
Cg - Geometry Factor	0.0666