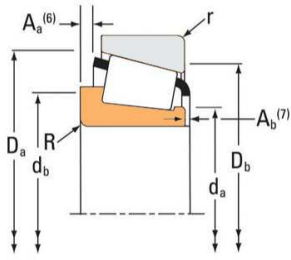
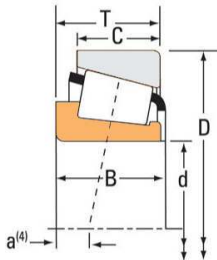




QM INDUSTRIES BEARING LIMITED

TYPE TS



TIMKEN JP12049A FRANCE Bearing 120*170*27

Bearing No. JP12049A

JP12049A Bearing 2D drawings and 3D CAD models

Series	JP12000
Cone Part Number	JP12049A
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	76700 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	19900 lbf
d	120 mm
B - Cone Width	25.000 mm
WPD	163.1 mm
DD	152.6 mm
R - Cone Backface To Clear Radius ³	6.100 mm
da - Cone Frontface Backing Diameter	127 mm
db - Cone Backface Backing Diameter	139 mm
Ab - Cage-Cone Frontface Clearance	4.3 mm
Aa - Cage-Cone Backface Clearance	2.3 mm
a - Effective Center Location ⁴	7.9 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	50800 N



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	196000 N
C0 - Static Radial Rating	238000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	41100 N
K - Factor ⁸	1.24
G1 - Heat Generation Factor (Roller-Raceway)	158
G2 - Heat Generation Factor (Rib-Roller End)	76.7
Cg - Geometry Factor	0.145