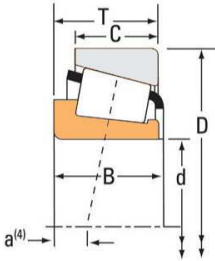




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TYPE TS



TIMKEN X32036XM FRANCE Bearing 280*420*87

Bearing No. X32036XM

X32036XM Bearing 2D drawings and 3D CAD models

Series	32036XM
Cone Part Number	X32036XM
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	277000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	71700 lbf
d	180 mm
B - Cone Width	64.000 mm
WPD	266.5 mm
DD	241 mm
R - Cone Backface To Clear Radius ³	3.050 mm
da - Cone Frontface Backing Diameter	197 mm
db - Cone Backface Backing Diameter	203 mm
Ab - Cage-Cone Frontface Clearance	4.3 mm
Aa - Cage-Cone Backface Clearance	6.6 mm
a - Effective Center Location ⁴	-3.6 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	183000 N



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	707000 N
C0 - Static Radial Rating	1240000 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	133000 N
K - Factor ⁸	1.38
G1 - Heat Generation Factor (Roller-Raceway)	760.6
G2 - Heat Generation Factor (Rib-Roller End)	147.5
Cg - Geometry Factor	0.129