



# NTN-BOWER LTD.

## TYPE TS



## TIMKEN X32010XM FRANCE Bearing 150\*225\*48

Bearing No. X32010XM

X32010XM Bearing 2D drawings and 3D CAD models

Series	32010XM
Cone Part Number	X32010XM
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	27300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	7080 lbf
d	50.000 mm
B - Cone Width	20.000 mm
WPD	76.2 mm
DD	68.3 mm
R - Cone Backface To Clear Radius <sup>3</sup>	1.020 mm
da - Cone Frontface Backing Diameter	56 mm
db - Cone Backface Backing Diameter	58 mm
Ab - Cage-Cone Frontface Clearance	2.5 mm
Aa - Cage-Cone Backface Clearance	0.5 mm
a - Effective Center Location <sup>4</sup>	-2 mm
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	18100 N



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C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	69800 N
C0 - Static Radial Rating	92700 N
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	13100 N
K - Factor <sup>8</sup>	1.38
G1 - Heat Generation Factor (Roller-Raceway)	34
G2 - Heat Generation Factor (Rib-Roller End)	20.3
Cg - Geometry Factor	0.0853