

# X32024XM/Y32024XM Timken

## Basic dynamic load rating (C1) 241 kN 120x180x38mm

### Tapered roller bearings

Bearing number	X32024XM/Y32024XM
Size (mm)	120x180x38
Brand	Timken
Bore Diameter (mm)	120
Outer Diameter (mm)	180
Width (mm)	38
d	120 mm
D	180 mm
T	38 mm
B	38 mm
C	29 mm
R	2.5 mm
r	2 mm
a	1.5 mm
Da	173 mm
db	130 mm
da	131 mm
Db	170 mm
Weight	3.27 Kg
Basic static load rating (C0)	463 kN
Factor (Cg)	0.073
Factor (K)	1.27

Basic dynamic load rating (C90)	62.6
Basic dynamic load rating (Ca90)	49.1
Basic dynamic load rating (C1)	241 kN
Calculation factor (e)	0.46