

# X32309BM/Y32309BM Timken

## Basic dynamic load rating (C90) 34.1 45x100x38.25mm

### Tapered roller bearings

Bearing number	X32309BM/Y32309BM
Size (mm)	45x100x38.25
Brand	Timken
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	38.25
d	45 mm
D	100 mm
T	38.25 mm
B	36 mm
C	30 mm
R	2 mm
r	1.5 mm
a –	7.9 mm
Da	94 mm
db	54 mm
da	55 mm
Db	83.5 mm
Weight	1.45 Kg
Basic static load rating (C0)	187 kN
Factor (Cg)	0.0524
Factor (K)	1.07

Basic dynamic load rating (C90)	34.1
Basic dynamic load rating (Ca90)	31.9
Basic dynamic load rating (C1)	131 kN
Calculation factor (e)	0.55