

# X32209M/Y32209M Timken Basic dynamic load rating (C90) 21.4 45x85x24.75mm Tapered roller bearings

Bearing number	X32209M/Y32209M
Size (mm)	45x85x24.75
Brand	Timken
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	24.75
d	45 mm
D	85 mm
T	24.75 mm
B	23 mm
C	19 mm
R	1.5 mm
r	1.5 mm
a –	4.3 mm
Da	81 mm
db	57 mm
da	54 mm
Db	76 mm
Weight	0.6 Kg
Basic static load rating (C0)	116 kN
Factor (G1)	34.3
Factor (G2)	17.6

Factor (Cg)	0.0414
Factor (K)	1.44
Basic dynamic load rating (C90)	21.4
Basic dynamic load rating (Ca90)	14.8
Basic dynamic load rating (C1)	82.5 kN
Calculation factor (e)	0.4