

# X32009X/Y32009XM Timken 45x75x20mm Basic dynamic load rating (C90) 15.9 Tapered roller bearings

Bearing number	X32009X/Y32009XM
Size (mm)	45x75x20
Brand	Timken
Bore Diameter (mm)	45
Outer Diameter (mm)	75
Width (mm)	20
d	45 mm
D	75 mm
T	20 mm
B	20 mm
C	15.5 mm
R	1 mm
r	1 mm
a –	3.3 mm
Da	72 mm
db	51 mm
da	50 mm
Db	68 mm
Aa	0.6 mm
Ab	2.1 mm
Weight	0.35 Kg
Basic static load rating (C0)	84.3 kN

Factor (G1)	28.7
Factor (G2)	16.2
Factor (Cg)	0.0197
Factor (K)	1.49
Basic dynamic load rating (C90)	15.9
Basic dynamic load rating (Ca90)	10.7
Basic dynamic load rating (C1)	61.5 kN
Calculation factor (e)	0.39