

# X32009X/Y32009XR Timken Basic dynamic load rating (Ca90) 10.7 45x75x8mm Tapered roller bearings

Bearing number	X32009X/Y32009XR
Size (mm)	45x75x8
Brand	Timken
Bore Diameter (mm)	45
Outer Diameter (mm)	75
Width (mm)	8
d	45 mm
D	75 mm
T	8 mm
T1	8 mm
B	20 mm
C	15.5 mm
R	1 mm
r	1 mm
a –	3.3 mm
D1	79 mm
Da	68 mm
db	51 mm
C2	3.5 mm
da	50 mm
Weight	0.36 Kg
Basic static load rating (C0)	84.3 kN

Factor (G1)	28.7
Factor (G2)	16.2
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