

# X32310/Y32310 Timken 50x110x42.25mm Basic static load rating (C0) 211 kN Tapered roller bearings

Bearing number	X32310/Y32310
Size (mm)	50x110x42.25
Brand	Timken
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Width (mm)	42.25
d	50 mm
D	110 mm
T	42.25 mm
B	40 mm
C	33 mm
R	2.5 mm
r	2 mm
a –	14.2 mm
Da	103 mm
db	65 mm
da	60 mm
Db	95 mm
Aa	4.6 mm
Ab	2.9 mm
Weight	1.84 Kg
Basic static load rating (C0)	211 kN

Factor (G1)	60.6
Factor (G2)	16
Factor (Cg)	0.0254
Factor (K)	1.69
Basic dynamic load rating (C90)	44.9
Basic dynamic load rating (Ca90)	26.5
Basic dynamic load rating (C1)	173 kN
Calculation factor (e)	0.35