

# X33210/Y33210 Timken

## 50x90x32mm Basic static load rating (C0) 166 kN Tapered roller bearings

Bearing number	X33210/Y33210
Size (mm)	50x90x32
Brand	Timken
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	32
d	50 mm
D	90 mm
T	32 mm
B	32 mm
C	24.5 mm
R	1.5 mm
r	1.5 mm
a –	8.6 mm
Da	86 mm
db	61 mm
da	57 mm
Db	80 mm
Aa	3.4 mm
Ab	2.2 mm
Weight	0.85 Kg
Basic static load rating (C0)	166 kN

Factor (G1)	48.4
Factor (G2)	16.9
Factor (Cg)	0.0251
Factor (K)	1.41
Basic dynamic load rating (C90)	31.2
Basic dynamic load rating (Ca90)	22.1
Basic dynamic load rating (C1)	120 kN
Calculation factor (e)	0.41