

# X30211/Y30211 Timken 55x100x22.75mm Calculation factor (e) 0.4 Tapered roller bearings

Bearing number	X30211/Y30211
Size (mm)	55x100x22.75
Brand	Timken
Bore Diameter (mm)	55
Outer Diameter (mm)	100
Width (mm)	22.75
d	55 mm
D	100 mm
T	22.75 mm
B	21 mm
C	18 mm
R	2 mm
r	1.5 mm
a –	2 mm
Da	94 mm
db	67 mm
da	64 mm
Db	91 mm
Aa	1.6 mm
Ab	3.4 mm
Weight	0.72 Kg
Basic static load rating (C0)	114 kN

Factor (G1)	40
Factor (G2)	17.9
Factor (Cg)	0.0227
Factor (K)	1.44
Basic dynamic load rating (C90)	24.6
Basic dynamic load rating (Ca90)	17.1
Basic dynamic load rating (C1)	94.9 kN
Calculation factor (e)	0.4