

# X33111/Y33111 Timken 55x95x30mm Basic dynamic load rating (C90) 32 Tapered roller bearings

Bearing number	X33111/Y33111
Size (mm)	55x95x30
Brand	Timken
Bore Diameter (mm)	55
Outer Diameter (mm)	95
Width (mm)	30
d	55 mm
D	95 mm
T	30 mm
B	30 mm
C	23 mm
R	1.5 mm
r	1.5 mm
a –	7.6 mm
Da	91 mm
db	67 mm
da	61 mm
Db	85 mm
Aa	2.5 mm
Ab	2.5 mm
Weight	0.85 Kg
Basic static load rating (C0)	166 kN

Factor (G1)	52.1
Factor (G2)	20.1
Factor (Cg)	0.0247
Factor (K)	1.56
Basic dynamic load rating (C90)	32
Basic dynamic load rating (Ca90)	20.5
Basic dynamic load rating (C1)	123 kN
Calculation factor (e)	0.37