

# XAA32011X/Y32011XM Timken 55x90x23mm Calculation factor (e) 0.41 Tapered roller bearings

Bearing number	XAA32011X/Y32011XM
Size (mm)	55x90x23
Brand	Timken
Bore Diameter (mm)	55
Outer Diameter (mm)	90
Width (mm)	23
d	55 mm
D	90 mm
T	23 mm
B	23 mm
C	17.5 mm
R	4.1 mm
r	1.5 mm
a –	3 mm
Da	86 mm
db	70 mm
da	61 mm
Db	82 mm
Aa	1.8 mm
Ab	2 mm
Weight	0.56 Kg
Basic static load rating (C0)	126 kN

Factor (G1)	46
Factor (G2)	28
Factor (Cg)	0.0243
Factor (K)	1.44
Basic dynamic load rating (C90)	22.8
Basic dynamic load rating (Ca90)	15.9
Basic dynamic load rating (C1)	87.9 kN
Calculation factor (e)	0.41