

# X32014X/Y32014X Timken Calculation factor (e) 0.43 70x110x25mm Tapered roller bearings

Bearing number	X32014X/Y32014X
Size (mm)	70x110x25
Brand	Timken
Bore Diameter (mm)	70
Outer Diameter (mm)	110
Width (mm)	25
d	70 mm
D	110 mm
T	25 mm
B	25 mm
C	19 mm
R	1.5 mm
r	1.5 mm
a –	1 mm
Da	105 mm
db	78 mm
da	76 mm
Db	100 mm
Aa	2.4 mm
Ab	1.8 mm
Weight	0.87 Kg
Basic static load rating (C0)	163 kN

Factor (G1)	74.1
Factor (G2)	44.8
Factor (Cg)	0.0303
Factor (K)	1.34
Basic dynamic load rating (C90)	27
Basic dynamic load rating (Ca90)	20.1
Basic dynamic load rating (C1)	104 kN
Calculation factor (e)	0.43