

# X33114/Y33114 Timken Basic dynamic load rating (C1) 183 kN 70x120x37mm Tapered roller bearings

Bearing number	X33114/Y33114
Size (mm)	70x120x37
Brand	Timken
Bore Diameter (mm)	70
Outer Diameter (mm)	120
Width (mm)	37
d	70 mm
D	120 mm
T	37 mm
B	37 mm
C	29 mm
R	2 mm
r	1.5 mm
a –	8.6 mm
Da	115 mm
db	85 mm
da	79 mm
Db	108 mm
Aa	2.7 mm
Ab	2.4 mm
Weight	1.68 Kg
Basic static load rating (C0)	270 kN

Factor (G1)	99.5
Factor (G2)	31.6
Factor (Cg)	0.0203
Factor (K)	1.54
Basic dynamic load rating (C90)	47.5
Basic dynamic load rating (Ca90)	30.8
Basic dynamic load rating (C1)	183 kN
Calculation factor (e)	0.38