

# X32224/Y32224 Timken Basic dynamic load rating (C1) 502 kN 120x215x61.5mm Tapered roller bearings

Bearing number	X32224/Y32224
Size (mm)	120x215x61.5
Brand	Timken
Bore Diameter (mm)	120
Outer Diameter (mm)	215
Width (mm)	61.5
d	120 mm
D	215 mm
T	61.5 mm
B	58 mm
C	50 mm
R	3 mm
r	2.5 mm
a –	9.4 mm
Da	204 mm
db	146 mm
da	137 mm
Db	192 mm
Aa	7.8 mm
Ab	3 mm
Weight	9.03 Kg
Basic static load rating (C0)	753 kN

Factor (G1)	328.7
Factor (G2)	52.3
Factor (Cg)	0.0353
Factor (K)	1.34
Basic dynamic load rating (C90)	130
Basic dynamic load rating (Ca90)	97
Basic dynamic load rating (C1)	502 kN
Calculation factor (e)	0.44