

# X32220/Y32220 Timken 100x180x49mm Basic dynamic load rating (Ca90) 63.5 Tapered roller bearings

Bearing number	X32220/Y32220
Size (mm)	100x180x49
Brand	Timken
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Width (mm)	49
d	100 mm
D	180 mm
T	49 mm
B	46 mm
C	39 mm
R	3 mm
r	2.5 mm
a –	7.1 mm
Da	170 mm
db	117 mm
da	112 mm
Db	163 mm
Aa	5.8 mm
Ab	3.3 mm
Weight	4.97 Kg
Basic static load rating (C0)	478 kN

Factor (G1)	198.1
Factor (G2)	39.4
Factor (Cg)	0.0281
Factor (K)	1.39
Basic dynamic load rating (C90)	88.3
Basic dynamic load rating (Ca90)	63.5
Basic dynamic load rating (C1)	341 kN
Calculation factor (e)	0.42