

X30210/Y30210

Timken

50x90x21.75mm Factor (K) 1.39

Tapered roller bearings

Bearing number	X30210/Y30210
Size (mm)	50x90x21.75
Brand	Timken
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	21.75
d	50 mm
D	90 mm
T	21.75 mm
B	20 mm
C	17 mm
R	1.5 mm
r	1.5 mm
a –	2 mm
Da	85 mm
db	59 mm
da	56 mm
Db	81 mm
Aa	1.4 mm
Ab	3.1 mm
Weight	0.55 Kg
Basic static load rating (C0)	87.4 kN
Factor (G1)	30.3
Factor (G2)	15.9

Factor (Cg)	0.0205
Factor (K)	1.39
Basic dynamic load rating (C90)	19.1
Basic dynamic load rating (Ca90)	13.7
Basic dynamic load rating (C1)	73.6 kN
Calculation factor (e)	0.42