

# X30205/Y30205 Timken Factor (G2) 8.4 25x52x16.25mm Tapered roller bearings

Bearing number	X30205/Y30205
Size (mm)	25x52x16.25
Brand	Timken
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	16.25
d	25 mm
D	52 mm
T	16.25 mm
B	15 mm
C	13 mm
R	1 mm
r	1 mm
a –	3.6 mm
Da	48.5 mm
db	30.5 mm
da	29 mm
Db	46 mm
Aa	0 mm
Ab	1.6 mm
Weight	0.16 Kg
Basic static load rating (C0)	34.4 kN
Factor (G1)	8.4
Factor (G2)	8.4

Factor (Cg)	0.0115
Factor (K)	1.56
Basic dynamic load rating (C90)	8.19
Basic dynamic load rating (Ca90)	5.26
Basic dynamic load rating (C1)	31.6 kN
Calculation factor (e)	0.38