

# XAA30205/YAA30205 Timken 25x52x16.25mm Factor (G2) 8.4 Tapered roller bearings

Bearing number	XAA30205/YAA30205
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	4.1 mm
r	1.5 mm
a –	3.6 mm
Da	48.5 mm
db	37.5 mm
da	29 mm
Db	45.5 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