

# X33205/Y33205 Timken Factor (K) 1.66 25x52x22mm Tapered roller bearings

Bearing number	X33205/Y33205
Size (mm)	25x52x22
Brand	Timken
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	22
d	25 mm
D	52 mm
T	22 mm
B	22 mm
C	18 mm
R	1 mm
r	1 mm
a –	7.6 mm
Da	49 mm
db	34 mm
da	30.5 mm
Db	44.5 mm
Aa	0.7 mm
Ab	1.9 mm
Weight	0.22 Kg
Basic static load rating (C0)	63.6 kN
Factor (G1)	13.4
Factor (G2)	8.6

Factor (Cg)	0.0138
Factor (K)	1.66
Basic dynamic load rating (C90)	13.2
Basic dynamic load rating (Ca90)	7.95
Basic dynamic load rating (C1)	51.1 kN
Calculation factor (e)	0.35