

X32205/Y32205 Timken Basic dynamic load rating (C90)

10.1 25x52x19.25mm Tapered roller bearings

Bearing number	X32205/Y32205
Size (mm)	25x52x19.25
Brand	Timken
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	19.25
d	25 mm
D	52 mm
T	19.25 mm
B	18 mm
C	16 mm
R	1 mm
r	1 mm
a –	5.3 mm
Da	49 mm
db	34 mm
da	31 mm
Db	46.5 mm
Aa	1 mm
Ab	1 mm
Weight	0.18 Kg
Basic static load rating (C0)	42.1 kN

Factor (G1)	9.4
Factor (G2)	7.3
Factor (Cg)	0.0119
Factor (K)	1.62
Basic dynamic load rating (C90)	10.1
Basic dynamic load rating (Ca90)	6.22
Basic dynamic load rating (C1)	38.9 kN
Calculation factor (e)	0.36