

XGA33211/Y33211 Timken

Calculation factor (e) 0.4

50.815x100x35mm Tapered roller bearings

Bearing number	XGA33211/Y33211
Size (mm)	50.815x100x35
Brand	Timken
Bore Diameter (mm)	50.815
Outer Diameter (mm)	100
Width (mm)	35
d	50.815 mm
D	100 mm
T	35 mm
B	35 mm
C	27 mm
R	2 mm
r	1.5 mm
a –	9.7 mm
Da	96 mm
db	67 mm
da	62 mm
Db	89 mm
Aa	2.9 mm
Ab	2.8 mm
Weight	1.26 Kg
Basic static load rating (C ₀)	202 kN

Factor (G1)	59.3
Factor (G2)	17.2
Factor (Cg)	0.0269
Factor (K)	1.46
Basic dynamic load rating (C90)	38.9
Basic dynamic load rating (Ca90)	26.6
Basic dynamic load rating (C1)	150 kN
Calculation factor (e)	0.4