

# X33110/Y33110 Timken

## Calculation factor (e) 0.41

### 50x85x26mm Tapered roller bearings

Bearing number	X33110/Y33110
Size (mm)	50x85x26
Brand	Timken
Bore Diameter (mm)	50
Outer Diameter (mm)	85
Width (mm)	26
d	50 mm
D	85 mm
T	26 mm
B	26 mm
C	20 mm
R	1.5 mm
r	1.5 mm
a –	5.3 mm
Da	82 mm
db	61 mm
da	57 mm
Db	76 mm
Aa	2.3 mm
Ab	1.7 mm
Weight	0.59 Kg
Basic static load rating (C <sub>0</sub> )	125 kN

Factor (G1)	40.6
Factor (G2)	20.7
Factor (Cg)	0.0232
Factor (K)	1.42
Basic dynamic load rating (C90)	23.2
Basic dynamic load rating (Ca90)	16.3
Basic dynamic load rating (C1)	89.5 kN
Calculation factor (e)	0.41