

# X30217/Y30217 Timken

## Calculation factor (e) 0.42

### 85x150x30.5mm Tapered roller bearings

Bearing number	X30217/Y30217
Size (mm)	85x150x30.5
Brand	Timken
Bore Diameter (mm)	85
Outer Diameter (mm)	150
Width (mm)	30.5
d	85 mm
D	150 mm
T	30.5 mm
B	28 mm
C	24 mm
R	2.5 mm
r	2 mm
a –	0.3 mm
Da	142 mm
db	97 mm
da	93 mm
Db	137 mm
Aa	2 mm
Ab	4.1 mm
Weight	2.1 Kg
Basic static load rating (C0)	236 kN

Factor (G1)	101.2
Factor (G2)	24.9
Factor (Cg)	0.0211
Factor (K)	1.39
Basic dynamic load rating (C90)	47.9
Basic dynamic load rating (Ca90)	34.4
Basic dynamic load rating (C1)	185 kN
Calculation factor (e)	0.42