

# 00050/00150 Timken Basic dynamic load rating (Ca90) 2.36 12.7×38.1×13.495mm Tapered roller bearings

Bearing number	00050/00150
Size (mm)	12.7×38.1×13.495
Brand	Timken
Bore Diameter (mm)	12.7
Outer Diameter (mm)	38.1
Width (mm)	13.495
d	12.7 mm
D	38.1 mm
T	13.495 mm
B	14.072 mm
C	11.112 mm
R	1.5 mm
r	0.8 mm
a –	5.1 mm
Da	34 mm
db	19 mm
da	16.5 mm
Db	33 mm
Aa –	0.4
Ab	1.3 mm
Weight	0.08 Kg
Basic static load rating (C0)	17.1 kN

Factor (G1)	3.1
Factor (G2)	2.9
Factor (Cg)	0.0066
Factor (K)	2.12
Basic dynamic load rating (C90)	5.01
Basic dynamic load rating (Ca90)	2.36
Basic dynamic load rating (C1)	19.3 kN
Calculation factor (e)	0.28