

07097/07196

25×50.005×13.495mm

(G2) 7.1 Tapered

bearings

Timken

Factor

roller

Bearing number	07097/07196
Size (mm)	25×50.005×13.495
Brand	Timken
Bore Diameter (mm)	25
Outer Diameter (mm)	50.005
Width (mm)	13.495
d	25 mm
D	50.005 mm
T	13.495 mm
B	14.26 mm
C	9.525 mm
R	1.5 mm
r	1 mm
a –	2.8 mm
Da	47 mm
db	31 mm
da	29 mm
Db	44.5 mm
Aa	0.3 mm
Ab	1.4 mm
Weight	0.12 Kg
Basic static load rating (C0)	29.6 kN

Factor (G1)	7.6
Factor (G2)	7.1
Factor (Cg)	0.0113
Factor (K)	1.45
Basic dynamic load rating (C90)	6.99
Basic dynamic load rating (Ca90)	4.81
Basic dynamic load rating (C1)	27 kN
Calculation factor (e)	0.4