

# 11590/11520 Timken Basic dynamic load rating (C90) 4.51 15.875×42.862×14.288mm Tapered roller bearings

Bearing number	11590/11520
Size (mm)	15.875×42.862×14.288
Brand	Timken
Bore Diameter (mm)	15.875
Outer Diameter (mm)	42.862
Width (mm)	14.288
d	15.875 mm
D	42.862 mm
T	14.288 mm
B	14.288 mm
C	9.525 mm
R	1.5 mm
r	1.5 mm
a –	1.3 mm
Da	39.5 mm
db	24.5 mm
da	22.5 mm
Db	34.5 mm
Aa	1.5 mm
Ab	0.6 mm
Weight	0.1 Kg
Basic static load rating (C0)	17.4 kN

Factor (G1)	3.4
Factor (G2)	4.6
Factor (Cg)	0.0101
Factor (K)	0.83
Basic dynamic load rating (C90)	4.51
Basic dynamic load rating (Ca90)	5.43
Basic dynamic load rating (C1)	17.4 kN
Calculation factor (e)	0.7