

# 05075/05185 Timken Basic dynamic load rating (C1) 24.7 kN 19.05x47x14.381mm Tapered roller bearings

Bearing number	05075/05185
Size (mm)	19.05x47x14.381
Brand	Timken
Bore Diameter (mm)	19.05
Outer Diameter (mm)	47
Width (mm)	14.381
d	19.05 mm
D	47 mm
T	14.381 mm
B	14.381 mm
C	11.112 mm
R	1.3 mm
r	1.3 mm
a –	4.1 mm
Da	42.5 mm
db	25 mm
da	23.5 mm
Db	40.5 mm
Aa	0.2 mm
Ab	1.2 mm
Weight	0.12 Kg
Basic static load rating (C0)	25.4 kN

Factor (G1)	5.8
Factor (G2)	5.5
Factor (Cg)	0.0096
Factor (K)	1.64
Basic dynamic load rating (C90)	6.42
Basic dynamic load rating (Ca90)	3.92
Basic dynamic load rating (C1)	24.7 kN
Calculation factor (e)	0.36