

# X30208M/Y30208M      Timken

## 40x80x19.75mm      Calculation

### factor (e) 0.38      Tapered

### roller bearings

Bearing number	X30208M/Y30208M
Size (mm)	40x80x19.75
Brand	Timken
Bore Diameter (mm)	40
Outer Diameter (mm)	80
Width (mm)	19.75
d	40 mm
D	80 mm
T	19.75 mm
B	18 mm
C	16 mm
R	1.5 mm
r	1.5 mm
a –	3 mm
Da	75 mm
db	49.5 mm
da	48 mm
Db	71 mm
Weight	0.43 Kg
Basic static load rating (C0)	75.3 kN
Factor (Cg)	0.0335
Factor (K)	1.56

Basic dynamic load rating (C90)	15.5
Basic dynamic load rating (Ca90)	9.95
Basic dynamic load rating (C1)	60 kN
Calculation factor (e)	0.38