

# X32309/Y32309 Timken

## 45x100x38.25mm r 1.5 mm

### Tapered roller bearings

Bearing number	X32309/Y32309
Size (mm)	45x100x38.25
Brand	Timken
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	38.25
d	45 mm
D	100 mm
T	38.25 mm
B	36 mm
C	30 mm
R	2 mm
r	1.5 mm
a –	13 mm
Da	93 mm
db	57 mm
da	54 mm
Db	87 mm
Aa	4.7 mm
Ab	2.7 mm
Weight	1.37 Kg
Basic static load rating (C0)	171 kN
Factor (G1)	47.5
Factor (G2)	14.2

Factor (Cg)	0.0229
Factor (K)	1.69
Basic dynamic load rating (C90)	37
Basic dynamic load rating (Ca90)	21.8
Basic dynamic load rating (C1)	143 kN
Calculation factor (e)	0.35