

X32216M/Y32216M Timken

80x140x35.19mm Basic dynamic

load rating (Ca90) 34.8

Tapered roller bearings

Bearing number	X32216M/Y32216M
Size (mm)	80x140x35.19
Brand	Timken
Bore Diameter (mm)	80
Outer Diameter (mm)	140
Width (mm)	35.19
d	80 mm
D	140 mm
T	35.19 mm
B	33 mm
C	28 mm
R	2.5 mm
r	2 mm
a	0 mm
Da	133 mm
db	97 mm
da	89 mm
Db	127 mm
Aa	2.7 mm
Ab	5 mm
Weight	2.14 Kg
Basic static load rating (C0)	280 kN

Factor (G1)	107.3
Factor (G2)	36.8
Factor (Cg)	0.0491
Factor (K)	1.39
Basic dynamic load rating (C90)	48.4
Basic dynamic load rating (Ca90)	34.8
Basic dynamic load rating (C1)	187 kN
Calculation factor (e)	0.42