

# XAA32018X/Y32018X Timken 90x140x32mm Calculation factor (e) 0.42 Tapered roller bearings

Bearing number	XAA32018X/Y32018X
Size (mm)	90x140x32
Brand	Timken
Bore Diameter (mm)	90
Outer Diameter (mm)	140
Width (mm)	32
d	90 mm
D	140 mm
T	32 mm
B	32 mm
C	24 mm
R	6.1 mm
r	1.5 mm
a –	2 mm
Da	134 mm
db	111 mm
da	98 mm
Db	128 mm
Aa	3.3 mm
Ab	2.2 mm
Weight	1.73 Kg
Dynamic load rating radial (C)	183 kN

Basic static load rating (C0)	264 kN
Factor (G1)	127.5
Factor (G2)	41.1
Factor (Cg)	0.0376
Factor (K)	1.38
Basic dynamic load rating (C90)	44
Basic dynamic load rating (Ca90)	31.9
Basic dynamic load rating (C1)	170 kN
Calculation factor (e)	0.42