

XAD32010X/YKA32010X Timken Calculation factor (e) 0.42 50x82x26mm Tapered roller bearings

Bearing number	XAD32010X/YKA32010X
Size (mm)	50x82x26
Brand	Timken
Bore Diameter (mm)	50
Outer Diameter (mm)	82
Width (mm)	26
d	50 mm
D	82 mm
T	26 mm
B	20 mm
C	21.5 mm
R	1.5 mm
r	1.3 mm
a –	2 mm
Da	77 mm
db	59 mm
da	56 mm
Db	74 mm
Aa	0.9 mm
Ab	2.1 mm
Weight	0.49 Kg
Basic static load rating (C ₀)	92.7 kN

Factor (G1)	34
Factor (G2)	20.3
Factor (Cg)	0.0217
Factor (K)	1.38
Basic dynamic load rating (C90)	16.8
Basic dynamic load rating (Ca90)	12.2
Basic dynamic load rating (C1)	64.7 kN
Calculation factor (e)	0.42