

XAA32005X/Y32005X Timken

Basic dynamic load rating (C1) 28.5 kN 25x47x15mm

Tapered roller bearings

Bearing number	XAA32005X/Y32005X
Size (mm)	25x47x15
Brand	Timken
Bore Diameter (mm)	25
Outer Diameter (mm)	47
Width (mm)	15
d	25 mm
D	47 mm
T	15 mm
B	15 mm
C	11.5 mm
R	3.3 mm
r	0.6 mm
a –	3.3 mm
Da	44.5 mm
db	37 mm
da	30 mm
Db	41.5 mm
Aa	0.6 mm
Ab	1.2 mm
Weight	0.11 Kg
Basic static load rating (C0)	35.4 kN

Factor (G1)	8.6
Factor (G2)	8.7
Factor (Cg)	0.0124
Factor (K)	1.36
Basic dynamic load rating (C90)	7.39
Basic dynamic load rating (Ca90)	5.44
Basic dynamic load rating (C1)	28.5 kN
Calculation factor (e)	0.43