

X30220/Y30220 Timken Da 168 mm 100x180x37mm Tapered roller bearings

Bearing number	X30220/Y30220
Size (mm)	100x180x37
Brand	Timken
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Width (mm)	37
d	100 mm
D	180 mm
T	37 mm
B	34 mm
C	29 mm
R	3 mm
r	2.5 mm
a –	0.8 mm
Da	168 mm
db	119 mm
da	114 mm
Db	164 mm
Aa	3.7 mm
Ab	5.4 mm
Weight	3.86 Kg
Basic static load rating (C0)	375 kN
Factor (G1)	167.3
Factor (G2)	38.7

Factor (Cg)	0.026
Factor (K)	1.39
Basic dynamic load rating (C90)	72.2
Basic dynamic load rating (Ca90)	51.9
Basic dynamic load rating (C1)	278 kN
Calculation factor (e)	0.42