



# BEARING CORP.OF AMERICA

100 mm x 150 mm x 39 mm Timken  
X33020/Y33020 tapered roller bearings

Bearing No. X33020/Y33020



X33020/Y33020 Bearing 2D drawings and 3D CAD models

Size	100x150x39 mm
Bore Diameter	100 mm
Outer Diameter	150 mm
Width	39 mm
d	100 mm
D	150 mm
T	39 mm
B	39 mm
C	32,5 mm
R	2 mm
r	1,5 mm
a -	9,4 mm
Da	144 mm
db	111 mm
da	107 mm
Db	139 mm
Aa	1,9 mm
Ab	2,3 mm
Weight	2,37 Kg
Basic static load rating (C0)	393 kN
Factor (G1)	206,3
Factor (G2)	65,1
Factor (Cg)	0,0245
Factor (K)	2,03
Basic dynamic load rating (C90)	60,2



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Basic dynamic load rating (Ca90)	29,6
Basic dynamic load rating (C1)	232 kN
Calculation factor (e)	0,29