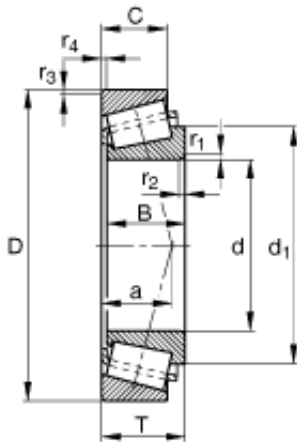




# TIMKEN BEARING MFG.CORP



## 50 mm x 90 mm x 23 mm FAG 32210-A Tapered Roller Bearing Assemblies

Bearing No. 32210-A

Size	50x90x24.75 mm
Bore Diameter	50 mm
Outer Diameter	90 mm
Width	24,75 mm
d	50 mm
D	90 mm
T	24,75 mm
a	21 mm
B	23 mm
C	19 mm
C <sub>a min</sub>	3 mm
C <sub>b min</sub>	5,5 mm
D <sub>a max</sub>	83 mm
D <sub>a min</sub>	78 mm
D <sub>b min</sub>	85 mm
d <sub>1</sub>	70 mm
d <sub>a max</sub>	58 mm
d <sub>b min</sub>	57 mm
r <sub>1,2 min</sub>	1,5 mm
r <sub>3,4 min</sub>	1,5 mm
r <sub>a max</sub>	1,5 mm
r <sub>b max</sub>	1,5 mm
m	0,602 kg / Weight
C	88000 N

32210-A Bearing 2D drawings and 3D CAD models



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r	
$C_{0r}$	109000 N / Static load rating (radial)
e	0,42
Y	1,43
$Y_0$	0,79
$C_{ur}$	13200 N / Fatigue limit load, radial
$n_G$	8000 1/min / Limiting speed
$n_B$	4450 1/min / Reference speed