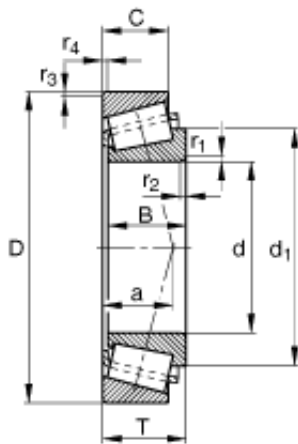




BEARING CORP.OF AMERICA



40 mm x 90 mm x 23 mm FAG 31308-A Tapered Roller Bearing Assemblies

Bearing No. 31308-A

Size	40x90x25.25 mm
Bore Diameter	40 mm
Outer Diameter	90 mm
Width	25,25 mm
d	40 mm
D	90 mm
T	25,25 mm
a	30 mm
B	23 mm
C	17 mm
$C_{a \text{ min}}$	4 mm
$C_{b \text{ min}}$	8 mm
$D_{a \text{ max}}$	81 mm
$D_{a \text{ min}}$	71 mm
$D_{b \text{ min}}$	86 mm
d_1	68,2 mm
$d_{a \text{ max}}$	51 mm
$d_{b \text{ min}}$	49 mm
$r_{1,2 \text{ min}}$	2 mm
$r_{3,4 \text{ min}}$	1,5 mm
$r_{a \text{ max}}$	2 mm
$r_{b \text{ max}}$	1,5 mm
m	0,727 kg / Weight
C	76000 N

31308-A Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	83000 N / Static load rating (radial)
e	0,83
Y	0,73
Y_0	0,4
C_{ur}	9500 N / Fatigue limit load, radial
n_G	8000 1/min / Limiting speed
n_B	5200 1/min / Reference speed