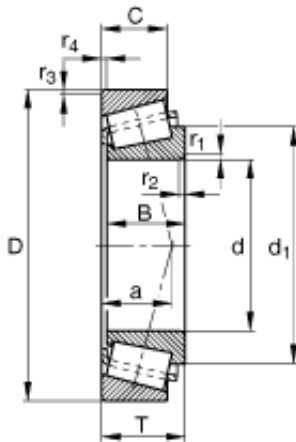




# NTN BEARING-MALAYSIA SDN.BHD.



## 45 mm x 100 mm x 25 mm FAG 31309-A Tapered Roller Bearing Assemblies

Bearing No. 31309-A

Size	45x100x27.25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	27,25 mm
d	45 mm
D	100 mm
T	27,25 mm
a	32 mm
B	25 mm
C	18 mm
C <sub>a min</sub>	4 mm
C <sub>b min</sub>	9 mm
D <sub>a max</sub>	91 mm
D <sub>a min</sub>	79 mm
D <sub>b min</sub>	95 mm
d <sub>1</sub>	75,8 mm
d <sub>a max</sub>	56 mm
d <sub>b min</sub>	54 mm
r <sub>1,2 min</sub>	2 mm
r <sub>3,4 min</sub>	1,5 mm
r <sub>a max</sub>	2 mm
r <sub>b max</sub>	1,5 mm
m	0,998 kg / Weight
C	96000 N

31309-A Bearing 2D drawings and 3D CAD models



## NTN BEARING-MALAYSIA SDN.BHD.

r	
$C_{0r}$	108000 N / Static load rating (radial)
e	0,83
Y	0,73
$Y_0$	0,4
$C_{ur}$	12700 N / Fatigue limit load, radial
$n_G$	7100 1/min / Limiting speed
$n_B$	4650 1/min / Reference speed