



# Shandong Chik Bearing Co., Ltd.



45 mm x 100 mm x 25 mm 45 mm x 100 mm x 25 mm FAG 30309-A tapered roller bearings

Bearing No. 30309-A

30309-A Bearing 2D drawings and 3D CAD models

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	21 mm
B	25 mm
C	22 mm
$C_{a \text{ min}}$	3 mm
$C_{b \text{ min}}$	5 mm
$D_{a \text{ max}}$	91 mm
$D_{a \text{ min}}$	86 mm
$D_{b \text{ min}}$	92 mm
$d_1$	70,7 mm
$d_{a \text{ max}}$	59 mm
$d_{b \text{ min}}$	54 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	0,997 kg / Weight
C	111000 N



## Shandong Chik Bearing Co., Ltd.

r	
$C_{0r}$	125000 N / Static load rating (radial)
e	0,35
Y	1,74
$Y_0$	0,96
$C_{ur}$	14800 N / Fatigue limit load, radial
$n_G$	7600 1/min / Limiting speed
$n_B$	5200 1/min / Reference speed