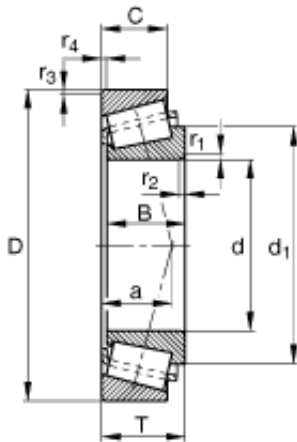




# Toyana BEARINGS Morocco



## 80 mm x 170 mm x 39 mm FAG 30316-A Tapered Roller Bearing Full Assemblies

Bearing No. 30316-A

Size	80x170x42.5 mm
Bore Diameter	80 mm
Outer Diameter	170 mm
Width	42,5 mm
d	80 mm
D	170 mm
T	42,5 mm
a	34 mm
B	39 mm
C	33 mm
$C_{a \min}$	5 mm
$C_{b \min}$	9,5 mm
$D_{a \max}$	158 mm
$D_{a \min}$	148 mm
$D_{b \min}$	159 mm
$d_1$	121,7 mm
$d_{a \max}$	102 mm
$d_{b \min}$	92 mm
$r_{1,2 \min}$	3 mm
$r_{3,4 \min}$	2,5 mm
$r_{a \max}$	3 mm
$r_{b \max}$	2,5 mm
m	4,34 kg / Weight
C	285000 N

30316-A Bearing 2D drawings and 3D CAD models



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r	
$C_{0r}$	345000 N / Static load rating (radial)
e	0,35
Y	1,74
$Y_0$	0,96
$C_{ur}$	39500 N / Fatigue limit load, radial
$n_G$	4250 1/min / Limiting speed
$n_B$	3300 1/min / Reference speed