



## 220 mm x 300 mm x 51 mm FAG 32944 Tapered Roller Bearing Assemblies

Bearing No. 32944

Size	220x300x51 mm
Bore Diameter	220 mm
Outer Diameter	300 mm
Width	51 mm
d	220 mm
D	300 mm
T	51 mm
a	59 mm
B	51 mm
C	39 mm
$C_{a \text{ min}}$	9 mm
$C_{b \text{ min}}$	12 mm
$D_{a \text{ max}}$	288 mm
$D_{a \text{ min}}$	275 mm
$D_{b \text{ min}}$	290 mm
$d_1$	260 mm
$d_{a \text{ max}}$	234 mm
$d_{b \text{ min}}$	232 mm
$r_{1,2 \text{ min}}$	3 mm
$r_{3,4 \text{ min}}$	2,5 mm
$r_{a \text{ max}}$	3 mm
$r_{b \text{ max}}$	2,5 mm
m	10,2 kg / Weight
C	495000 N

32944 Bearing 2D drawings and 3D CAD models

r	
$C_{0r}$	980000 N / Static load rating (radial)
e	0,43
Y	1,41
$Y_0$	0,78
$C_{ur}$	110000 N / Fatigue limit load, radial
$n_G$	2150 1/min / Limiting speed
$n_B$	1280 1/min / Reference speed