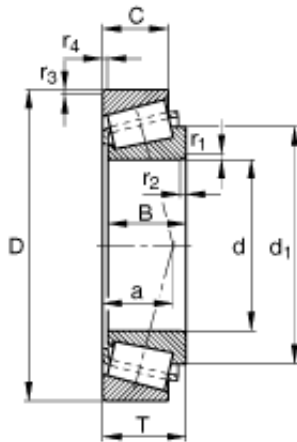




## UBC Mechanical Electronic Instrument ...



### 50 mm x 90 mm x 32 mm FAG 33210 Air Conditioning bearing

Bearing No. 33210

Size	50x90x32 mm
Bore Diameter	50 mm
Outer Diameter	90 mm
Width	32 mm
d	50 mm
D	90 mm
T	32 mm
a	24 mm
B	32 mm
C	24,5 mm
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	7,5 mm
$D_{a \text{ max}}$	83 mm
$D_{a \text{ min}}$	77 mm
$D_{b \text{ min}}$	87 mm
$d_1$	71,8 mm
$d_{a \text{ max}}$	57 mm
$d_{b \text{ min}}$	57 mm
$r_{1,2 \text{ min}}$	1,5 mm
$r_{3,4 \text{ min}}$	1,5 mm
$r_{a \text{ max}}$	1,5 mm
$r_{b \text{ max}}$	1,5 mm
m	0,881 kg / Weight
C	115000 N

33210 Bearing 2D drawings and 3D CAD models



## UBC Mechanical Electronic Instrument ...

r	
$C_{0r}$	163000 N / Static load rating (radial)
e	0,41
Y	1,45
$Y_0$	0,8
$C_{ur}$	20400 N / Fatigue limit load, radial
$n_G$	7700 1/min / Limiting speed
$n_B$	4700 1/min / Reference speed