



UBC Mechanical Electronic Instrument ...



100 mm x 180 mm x 34 mm FAG 30220-A Air Conditioning bearing

Bearing No. 30220-A

Size	100x180x37 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	37 mm
d	100 mm
D	180 mm
T	37 mm
a	36 mm
B	34 mm
C	29 mm
C _{a min}	5 mm
C _{b min}	8 mm
D _{a max}	168 mm
D _{a min}	157 mm
D _{b min}	168 mm
d ₁	135 mm
d _{a max}	116 mm
d _{b min}	112 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	3,75 kg / Weight
C	250000 N

30220-A Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	325000 N / Static load rating (radial)
e	0,42
Y	1,43
Y_0	0,79
C_{ur}	35500 N / Fatigue limit load, radial
n_G	4000 1/min / Limiting speed
n_B	2800 1/min / Reference speed