



LY?MANUFACTURING CO.,LTD.



100 mm x 180 mm x 34 mm FAG 30220-A AC Compressor OEM Clutch 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
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	8 mm
$D_{a \text{ max}}$	168 mm
$D_{a \text{ min}}$	157 mm
$D_{b \text{ min}}$	168 mm
d_1	135 mm
$d_{a \text{ max}}$	116 mm
$d_{b \text{ min}}$	112 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	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