



## ROULEMENTS?BEARINGS?Limited



80 mm x 140 mm x 26 mm FAG 30216-A ac  
compressor bearings

Bearing No. 30216-A

Size	80x140x28.25 mm
Bore Diameter	80 mm
Outer Diameter	140 mm
Width	28,25 mm
d	80 mm
D	140 mm
T	28,25 mm
a	28 mm
B	26 mm
C	22 mm
$C_{a \text{ min}}$	4 mm
$C_{b \text{ min}}$	6 mm
$D_{a \text{ max}}$	130 mm
$D_{a \text{ min}}$	124 mm
$D_{b \text{ min}}$	132 mm
$d_1$	106,9 mm
$d_{a \text{ max}}$	91 mm
$d_{b \text{ min}}$	90 mm
$r_{1,2 \text{ min}}$	2,5 mm
$r_{3,4 \text{ min}}$	2 mm
$r_{a \text{ max}}$	2,5 mm
$r_{b \text{ max}}$	2 mm
m	1,85 kg / Weight
C	154000 N

30216-A Bearing 2D drawings and 3D CAD models



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r	
$C_{0r}$	190000 N / Static load rating (radial)
e	0,42
Y	1,43
$Y_0$	0,79
$C_{ur}$	21900 N / Fatigue limit load, radial
$n_G$	5200 1/min / Limiting speed
$n_B$	3350 1/min / Reference speed