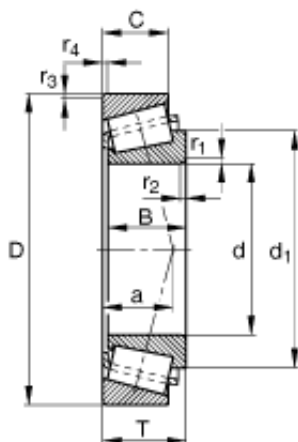




BEARING INYIA PRIVATE LTD.



50 mm x 90 mm x 20 mm FAG 30210-XL A/C
compressor Angular Contact Ball Bearings

Bearing No. 30210-XL

Size	50x90x21.75 mm
Bore Diameter	50 mm
Outer Diameter	90 mm
Width	21,75 mm
d	50 mm
D	90 mm
T	21,75 mm
a	19,8 mm
B	20 mm
C	17 mm
$C_{a \text{ min}}$	3 mm
$C_{b \text{ min}}$	4,5 mm
$D_{a \text{ max}}$	83 mm
$D_{a \text{ min}}$	79 mm
$D_{b \text{ min}}$	85 mm
d_1	69,7 mm
$d_{a \text{ max}}$	58 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	0,56 kg / Weight
C	94000 N

30210-XL Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	97000 N / Static load rating (radial)
e	0,42
Y	1,43
Y_0	0,79
C_{ur}	14200 N / Fatigue limit load, radial
n_G	8200 1/min / Limiting speed
n_B	5000 1/min / Reference speed