



## Tolamentos do Brasil Ltda



### 90 mm x 160 mm x 30 mm FAG 30218-A Air Conditioning Magnetic Clutch bearing

Bearing No. 30218-A

Size	90x160x32.5 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	32,5 mm
d	90 mm
D	160 mm
T	32,5 mm
a	32 mm
B	30 mm
C	26 mm
$C_{a \text{ min}}$	5 mm
$C_{b \text{ min}}$	6,5 mm
$D_{a \text{ max}}$	150 mm
$D_{a \text{ min}}$	140 mm
$D_{b \text{ min}}$	150 mm
$d_1$	121,3 mm
$d_{a \text{ max}}$	103 mm
$d_{b \text{ min}}$	100 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	2,61 kg / Weight
C	201000 N

30218-A Bearing 2D drawings and 3D CAD models



## Tolamentos do Brasil Ltda

r	
$C_{0r}$	255000 N / Static load rating (radial)
e	0,42
Y	1,43
$Y_0$	0,79
$C_{ur}$	29000 N / Fatigue limit load, radial
$n_G$	4550 1/min / Limiting speed
$n_B$	3050 1/min / Reference speed