



## Bearing Industrial (Group) Limited



### 35 mm x 80 mm x 31 mm FAG 32307-B A/C Compressor clutches Bearing

Bearing No. 32307-B

Size	35x80x32.75 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	32,75 mm
d	35 mm
D	80 mm
T	32,75 mm
a	25 mm
B	31 mm
C	25 mm
C <sub>a min</sub>	4 mm
C <sub>b min</sub>	7,5 mm
D <sub>a max</sub>	71 mm
D <sub>a min</sub>	61 mm
D <sub>b min</sub>	76 mm
d <sub>1</sub>	59,8 mm
d <sub>a max</sub>	42 mm
d <sub>b min</sub>	44 mm
r <sub>1, 2 min</sub>	2 mm
r <sub>3, 4 min</sub>	1,5 mm
r <sub>a max</sub>	2 mm
r <sub>b max</sub>	1,5 mm
m	0,802 kg / Weight
C	95000 N

32307-B Bearing 2D drawings and 3D CAD models



## Bearing Industrial (Group) Limited

r	
$C_{0r}$	116000 N / Static load rating (radial)
e	0,55
Y	1,1
$Y_0$	0,6
$C_{ur}$	14300 N / Fatigue limit load, radial
$n_G$	9100 1/min / Limiting speed
$n_B$	6300 1/min / Reference speed