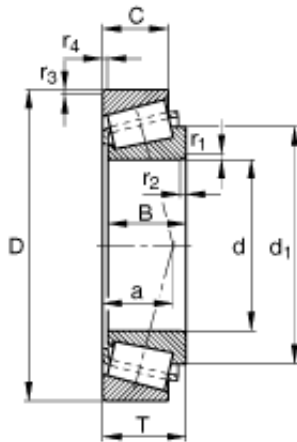




ROULEMENTS?BEARINGS?Limited



35 mm x 80 mm x 31 mm FAG 32307-B ac
compressor bearings

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
$C_{a \text{ min}}$	4 mm
$C_{b \text{ min}}$	7,5 mm
$D_{a \text{ max}}$	71 mm
$D_{a \text{ min}}$	61 mm
$D_{b \text{ min}}$	76 mm
d_1	59,8 mm
$d_{a \text{ max}}$	42 mm
$d_{b \text{ min}}$	44 mm
$r_{1,2 \text{ min}}$	2 mm
$r_{3,4 \text{ min}}$	1,5 mm
$r_{a \text{ max}}$	2 mm
$r_{b \text{ max}}$	1,5 mm
m	0,802 kg / Weight
C	95000 N

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



ROULEMENTS?BEARINGS?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