



Bearing No. 7307BG

D	80,000 mm
d	35,000 mm
B	21,000 mm
C	21,000 mm
a	34.5 mm
Mass	0.94 kg
Da max	71.5 mm
da min	43.5 mm
Db max	74.5 mm
ra max	1 mm
db min	40.5 mm
rs min	1.5 mm
r1s min	1 mm
weight:	0.466 kg
series:	73B
r1a max	1 mm
Size (mm)	35x80x21
Width (mm)	21,000
Nlim (oil)	11,000 rpm
bore type:	Round
maximum rpm:	11000 rpm
closure type:	Open
Nlim (grease)	8,400 rpm
contact angle:	40 °
cage material:	Steel
overall width:	21 mm
bore diameter:	35 mm
fillet radius:	1.5 mm
Bearing number	7307BG
Static load, C0	22.2 kN

Dynamic load, C	34.6 kN
finish/coating:	Uncoated
Contact angle ?	40 °
bearing material:	High Carbon Chrome Steel
outside diameter:	80 mm
outer ring width:	21 mm
precision rating:	ISO Class 0
Bore Diameter (mm)	35,000
Outer Diameter (mm)	80,000
snap ring included:	Without Snap Ring
internal clearance:	C0
row type & fill slot:	Single-Row Non-Fill Slot
Radial clearance class	CN
Fatigue limit load, Cu	1.01 kN
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	24200 N
radial dynamic load capacity:	36500 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.51 Hz
Characteristic inner ring frequency, BPF1	6.49 Hz
Characteristic rolling element frequency, BSF	4.13 Hz