



## Bearing No. 3207B

D	72,000 mm
d	35,000 mm
B	27,000 mm
C	27,000 mm
a	47.2 mm
f0	14.8
d1	48.5 mm
D1	63.3 mm
Mass	0.48 kg
Nlim	9,200 rpm
Nref	7,400 rpm
Da max	65.5 mm
da min	41.5 mm
ra max	1 mm
rs min	1.1 mm
Size (mm)	35x72x27
Width (mm)	27,000
Bearing number	3207B
Dynamic load, C	36.4 kN
Static load, C0	37.5 kN
Precision class	P0
Contact angle ?	32 °
Bore Diameter (mm)	35,000
Outer Diameter (mm)	72,000
Radial clearance class	CN
Fatigue limit load, Cu	2.43 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage	0.42 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	5.86 Hz
Characteristic inner ring frequency, BPF1	8.14 Hz
Characteristic rolling element frequency, BSF	5.05 Hz