



Bearing No. 3316

D	170,000 mm
d	80,000 mm
B	68,300 mm
C	68,300 mm
a	123 mm
f0	14.8
d1	100.7 mm
D1	155 mm
Mass	7.3 kg
Nlim	3,800 rpm
Nref	3,700 rpm
Da max	159 mm
da min	91 mm
ra max	2 mm
rs min	2.1 mm
Size (mm)	80x170x68.300
Width (mm)	68,300
Bearing number	3316
Dynamic load, C	203 kN
Static load, C0	213 kN
Precision class	P0
Contact angle ?	35 °
Bore Diameter (mm)	80,000
Outer Diameter (mm)	170,000
Radial clearance class	CN
Fatigue limit load, Cu	12.4 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	5.85 Hz
Characteristic inner ring frequency, BPF1	8.15 Hz
Characteristic rolling element frequency, BSF	4.87 Hz