



Bearing No. 1220

e	0.17
d	100,000 mm
D	180,000 mm
B	34,000 mm
C	34,000 mm
d1	127.2 mm
Y0	3.81
Y2	5.63
Y1	3.64
D1	153.4 mm
Nlim	4,800 rpm
Mass	3.7 kg
Nref	4,600 rpm
rs min	2.1 mm
da min	111 mm
Da max	169 mm
ra max	2 mm
Size (mm)	100x180x34
Width (mm)	34,000
Bearing number	1220
Static load, C0	29.7 kN
Dynamic load, C	68.4 kN
Precision class	P0
Bore Diameter (mm)	100,000
Outer Diameter (mm)	180,000
Radial clearance class	CN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.44 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	8.77 Hz
Characteristic inner ring frequency, BPF1	11.23 Hz
Characteristic rolling element frequency, BSF	7.93 Hz