



Bearing No. 1218

e	0.17
d	90,000 mm
D	160,000 mm
B	30,000 mm
C	30,000 mm
d1	112.7 mm
Y0	3.93
Y2	5.81
Y1	3.76
D1	138.2 mm
Nlim	5,400 rpm
Mass	2.5 kg
Nref	4,800 rpm
rs min	2 mm
da min	99 mm
Da max	151 mm
ra max	2 mm
Size (mm)	90x160x30
Width (mm)	30,000
Bearing number	1218
Static load, C0	23.5 kN
Dynamic load, C	56.4 kN
Precision class	P0
Bore Diameter (mm)	90,000
Outer Diameter (mm)	160,000
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	8.3 Hz
Characteristic inner ring frequency, BPF1	10.7 Hz
Characteristic rolling element frequency, BSF	7.74 Hz