



Bearing No. 2314

e	0.38
d	70,000 mm
D	150,000 mm
B	51,000 mm
C	51,000 mm
d1	91.8 mm
Y0	1.76
Y2	2.6
Y1	1.68
D1	126.6 mm
Nlim	6,100 rpm
Mass	4.17 kg
Nref	5,800 rpm
rs min	2.1 mm
da min	81 mm
Da max	139 mm
ra max	2 mm
Size (mm)	70x150x51
Width (mm)	51,000
Bearing number	2314
Static load, C0	37.6 kN
Dynamic load, C	109 kN
Precision class	P0
Bore Diameter (mm)	70,000
Outer Diameter (mm)	150,000
Radial clearance class	CN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.4 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	5.18 Hz
Characteristic inner ring frequency, BPF1	7.82 Hz
Characteristic rolling element frequency, BSF	4.58 Hz