



Bearing No. 1310G15

e	0.24
d	50,000 mm
D	110,000 mm
B	27,000 mm
C	27,000 mm
d1	71.2 mm
Y0	2.73
Y2	4.03
Y1	2.6
D1	92.7 mm
Nlim	8,300 rpm
Mass	1.29 kg
Nref	6,300 rpm
rs min	2 mm
da min	59 mm
Da max	101 mm
ra max	2 mm
Size (mm)	50x110x27
Width (mm)	27,000
Bearing number	1310G15
Static load, C0	14.2 kN
Dynamic load, C	41.6 kN
Precision class	P0
Bore Diameter (mm)	50,000
Outer Diameter (mm)	110,000
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.42 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	6.26 Hz
Characteristic inner ring frequency, BPF1	8.74 Hz
Characteristic rolling element frequency, BSF	5.81 Hz