



Tapered bore

Bearing No. 2310KG15

D	110,000 mm
d	50,000 mm
B	40,000 mm
C	40,000 mm
e	0.43
Y2	2.27
d1	65.8 mm
D1	92.9 mm
Y0	1.54
Y1	1.47
Nlim	8,500 rpm
Mass	1.6 kg
Nref	7,400 rpm
da min	59 mm
da max	64 mm
ra max	2 mm
db min	56 mm
Ce min	5 mm
Da max	101 mm
rs min	2 mm
Size (mm)	50x110x40
Width (mm)	40,000
Bearing number	2310KG15
Static load, C0	20.2 kN
Dynamic load, C	64.6 kN
Precision class	P0
Bore Diameter (mm)	50,000
Outer Diameter (mm)	110,000
Radial clearance class	CN
Associated sleeve	H2310

reference	
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic outer ring frequency, BPF0	4.72 Hz
Characteristic inner ring frequency, BRFI	7.28 Hz
Characteristic rolling element frequency, BSF	4.29 Hz