



Tapered bore

Bearing No. 2309KG15

D	100,000 mm
d	45,000 mm
B	36,000 mm
C	36,000 mm
e	0.43
Y2	2.29
d1	59.8 mm
D1	85.4 mm
Y0	1.55
Y1	1.48
Nlim	9,300 rpm
Mass	1.19 kg
Nref	7,800 rpm
da min	53 mm
da max	59 mm
ra max	1.5 mm
db min	50 mm
Ce min	5 mm
Da max	92 mm
rs min	1.5 mm
Size (mm)	45x100x36
Width (mm)	36,000
Bearing number	2309KG15
Static load, C0	16.6 kN
Dynamic load, C	54.1 kN
Precision class	P0
Bore Diameter (mm)	45,000
Outer Diameter (mm)	100,000
Radial clearance class	CN
Associated sleeve	H2309

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	4.32 Hz