



Bearing No. 2309EEG15

D	100,000 mm
d	45,000 mm
B	36,000 mm
C	36,000 mm
e	0.25
Y0	2.62
Y2	3.87
d1	57.2 mm
D1	86.5 mm
Y1	2.5
Nlim	4,300 rpm
Mass	1.34 kg
Da max	92 mm
da min	53 mm
ra max	1.5 mm
rs min	1.5 mm
Size (mm)	45x100x36
Width (mm)	36,000
Bearing number	2309EEG15
Precision class	P0
Dynamic load, C	38 kN
Static load, C0	12.7 kN
Bore Diameter (mm)	45,000
Outer Diameter (mm)	100,000
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz

Characteristic outer ring frequency, BPF0	6.22 Hz
Characteristic inner ring frequency, BPI	8.78 Hz
Characteristic rolling element frequency, BSF	5.6 Hz