



Bearing No. 2209EEG15

D	85,000 mm
d	45,000 mm
B	23,000 mm
C	23,000 mm
e	0.21
Y0	3.18
Y2	4.7
d1	53.6 mm
D1	76.5 mm
Y1	3.04
Nlim	4,500 rpm
Mass	0.55 kg
Da max	78.5 mm
da min	51.5 mm
ra max	1 mm
rs min	1.1 mm
Size (mm)	45x85x23
Width (mm)	23,000
Bearing number	2209EEG15
Precision class	P0
Dynamic load, C	21.8 kN
Static load, C0	7.3 kN
Bore Diameter (mm)	45,000
Outer Diameter (mm)	85,000
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz

Characteristic outer ring frequency, BPF0	6.83 Hz
Characteristic inner ring frequency, BPI	9.17 Hz
Characteristic rolling element frequency, BSF	6.61 Hz