



Tapered bore

Bearing No. 2209KEEG15

e	0.21
d	45,000 mm
D	85,000 mm
B	23,000 mm
C	23,000 mm
D1	76.5 mm
Y0	3.18
d1	53.6 mm
Y2	4.7
Y1	3.04
Mass	0.54 kg
Nlim	4,500 rpm
da max	53 mm
ra max	1 mm
db min	50 mm
rs min	1.1 mm
Ce min	8 mm
Da max	78.5 mm
da min	51.5 mm
Size (mm)	45x85x23
Width (mm)	23,000
Bearing number	2209KEEG15
Static load, C0	7.3 kN
Dynamic load, C	21.8 kN
Precision class	P0
Bore Diameter (mm)	45,000
Outer Diameter (mm)	85,000
Radial clearance class	CN
Associated sleeve reference	H309

Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.83 Hz
Characteristic inner ring frequency, BPF1	9.17 Hz
Characteristic rolling element frequency, BSF	6.61 Hz