



### Bearing No. 1309

e	0.25
d	45,000 mm
D	100,000 mm
B	25,000 mm
C	25,000 mm
d1	63.9 mm
Y0	2.66
Y2	3.92
Y1	2.53
D1	83.1 mm
Nlim	9,200 rpm
Mass	0.96 kg
Nref	6,800 rpm
rs min	1.5 mm
da min	53 mm
Da max	92 mm
ra max	1.5 mm
Size (mm)	45x100x25
Width (mm)	25,000
Bearing number	1309
Static load, C0	12.6 kN
Dynamic load, C	36.9 kN
Precision class	P0
Bore Diameter (mm)	45,000
Outer Diameter (mm)	100,000
Radial clearance class	CN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.42 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	6.25 Hz
Characteristic inner ring frequency, BRFI	8.75 Hz
Characteristic rolling element frequency, BSF	5.75 Hz