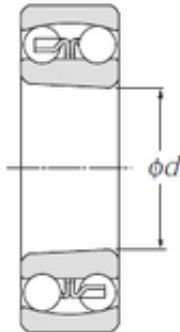




BEARINGS(UK)LTD.

45,000 mm x 100,000 mm x 36,000 mm SNR
2309KG15 Double row self aligning ball bearings



Tapered bore

Bearing No. 2309KG15

Size	45x100x36 mm
Bore Diameter	45,000 mm
Outer Diameter	100,000 mm
Width	36,000 mm
d	45,000 mm
D	100,000 mm
B	36,000 mm
C	36,000 mm
d1	59.8 mm
D1	85.4 mm
rs min	1.5 mm
Associated sleeve reference	H2309
e	0.43
Y1	1.48
Y2	2.29
Y0	1.55
Radial clearance class	CN
Precision class	P0
Mass	1.19 kg
Dynamic load, C	54.1 kN
Static load, C0	16.6 kN
Nref	7,800 rpm
Nlim	9,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature,	120 ° C

2309KG15 Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.32 Hz
Characteristic outer ring frequency, BPF0	4.72 Hz
Characteristic inner ring frequency, BRFI	7.28 Hz
da min	53 mm
da max	59 mm
db min	50 mm
Ce min	5 mm
Da max	92 mm
ra max	1.5 mm