



NTN Bearing Rolamentos do Brasil Ltda.

45 mm x 75 mm x 16 mm NTN 6009ZZNR/2AS
Single row deep groove ball bearings

Bearing No. 6009ZZNR/2AS

d	45 mm
D	75 mm
B	16 mm
a min	2.29 mm
a max	2.49 mm
Ca min	3.89 mm
Ca max	4.19 mm
rs min	1 mm
rNs min	0.5 mm
D3 max	71.83 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	81.6 mm
f	1.7 mm
Snap ring reference	R75
Radial clearance class	CN
Mass	0.24 kg
Dynamic load, C	21 kN
Static load, C0	15.1 kN
Fatigue limit load, Cu	0.69 kN
f0	15.3
Nlim (grease)	9,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature,	120 ° C

6009ZZNR/2AS Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.73 Hz
Characteristic outer ring frequency, BPF0	5.55 Hz
Characteristic inner ring frequency, BRFI	7.45 Hz
da min	50 mm
Da max	70 mm
ra max	1 mm
rNa max	0.5 mm
Db min	83 mm