



KRS Guide Wheel Bearing Co., Ltd

25,000 mm x 52,000 mm x 15,000 mm SNR
1205 self aligning ball bearings



Bearing No. 1205

1205 Bearing 2D drawings and 3D CAD models

Size	25x52x15 mm
Bore Diameter	25,000 mm
Outer Diameter	52,000 mm
Width	15,000 mm
d	25,000 mm
D	52,000 mm
B	15,000 mm
C	15,000 mm
d1	33.3 mm
D1	43.1 mm
rs min	1 mm
e	0.27
Y1	2.32
Y2	3.59
Y0	2.43
Radial clearance class	CN
Precision class	P0
Mass	0.14 kg
Dynamic load, C	11.9 kN
Static load, C0	3.3 kN
Fatigue limit load, Cu	0.66 kN
Nref	13,000 rpm
Nlim	18,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature,	120 ° C



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Tmax	
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.12 Hz
Characteristic outer ring frequency, BPF0	4.89 Hz
Characteristic inner ring frequency, BRFI	7.11 Hz
da min	30 mm
Da max	47 mm
ra max	1 mm