



Bearing No. 1205

e	0.27
d	25,000 mm
D	52,000 mm
B	15,000 mm
C	15,000 mm
d1	33.3 mm
Y0	2.43
Y2	3.59
Y1	2.32
D1	43.1 mm
Nlim	18,000 rpm
Mass	0.14 kg
Nref	13,000 rpm
rs min	1 mm
da min	30 mm
Da max	47 mm
ra max	1 mm
Size (mm)	25x52x15
Width (mm)	15,000
Bearing number	1205
Static load, C0	3.3 kN
Dynamic load, C	11.9 kN
Precision class	P0
Bore Diameter (mm)	25,000
Outer Diameter (mm)	52,000
Fatigue limit load, Cu	0.66 kN
Radial clearance class	CN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.89 Hz
Characteristic inner ring frequency, BPF1	7.11 Hz
Characteristic rolling element frequency, BSF	5.12 Hz