



Bearing No. 2205G15

e	0.35
d	25,000 mm
D	52,000 mm
B	18,000 mm
C	18,000 mm
d1	32.3 mm
Y0	1.86
Y2	2.75
Y1	1.78
D1	45.6 mm
Nlim	17,000 rpm
Mass	0.16 kg
Nref	13,000 rpm
rs min	1 mm
da min	30 mm
Da max	47 mm
ra max	1 mm
Size (mm)	25x52x18
Width (mm)	18,000
Bearing number	2205G15
Static load, C0	4.4 kN
Dynamic load, C	16.7 kN
Precision class	P0
Bore Diameter (mm)	25,000
Outer Diameter (mm)	52,000
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.39 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	4.32 Hz
Characteristic inner ring frequency, BPF1	6.68 Hz
Characteristic rolling element frequency, BSF	4.27 Hz