



Tapered bore

Bearing No. 2305KG15

D	62,000 mm
d	25,000 mm
B	24,000 mm
C	24,000 mm
e	0.48
Y2	2.04
d1	35.5 mm
D1	50.3 mm
Y0	1.38
Y1	1.32
Nlim	16,000 rpm
Mass	0.33 kg
Nref	11,000 rpm
da min	31.5 mm
da max	33 mm
ra max	1 mm
db min	30 mm
Ce min	5 mm
Da max	55.5 mm
rs min	1.1 mm
Size (mm)	25x62x24
Width (mm)	24,000
Bearing number	2305KG15
Static load, C0	6.6 kN
Dynamic load, C	24.4 kN
Precision class	P0
Bore Diameter (mm)	25,000
Outer Diameter (mm)	62,000
Radial clearance class	CN
Associated sleeve	H2305

reference	
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	4.22 Hz
Characteristic inner ring frequency, BPFI	6.78 Hz
Characteristic rolling element frequency, BSF	3.89 Hz